Harrison Note:Greyed area derived from BRFU provisional streamflow data. Hydat data 1962 to 1997

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	881.5	64.6	101.9	62	101.7	130.1	104.7	26.2	32.4	23.9	66.7	117.3	50	
1961	906.4	28.6	41.6	88.2	70.7	76.4	114.4	73.9	123.5	32.6	66.4	81.2	95.7	
1962	679.6	61	61.2	13.6	46.7	26.9	76.3	52.7	35.7	80.5	103.1	27.5	93.4	
1963	735.5	20.5	20.6	66.4	45.1	81.5	92	75.9	65.1	45.5	29.7	155	73.2	
1964	1033.1	73.1	51.4	91	75.2	87.1	35	107.3	228.7	61.7	61.6	46.9	84.1	
1965	1001.5	76.1	76.3	41	69.5	54.3	22.9	79.6	92.7	154.3	110.3	97.7	123.8	
1966	888.9	31.9	54	111	65.6	73.8	57.6	5.1	90.3	86.7	57.5	136.1	117.3	
1967	1020.5	64.4	43.9	37	101.1	41.3	185.6	49.4	87.5	65.7	155.5	132.1	106	
1968	1143.7	79.9	111.6	64.4	58.1	70.9	98.5	61.3	176.6	105	76.7	117.8	122.5	
1969	1041.5	104.5	26.6	51.1	93.8	142.3	108.8	81.6	16	37.6	184.8	146	48.4	
1970	860.9	33.1	32.3	73.5	64	58.2	47.6	212.5	32.1	108.3	103.1	57.8	70.4	
1971	770.3	68.8	95.1	64.6	35.5	21.7	98.8	86.8	75.1	34.8	37.4	58	103.7	
1972	921.8	81.9	56.4	49.8	35.9	60.4	138.5	43.5	80.5	62.9	112.5	77.9	121.9	
1973	834.1	52.7	33.2	107.4	41.4	108.9	68	61.6	45.7	42.8	86.1	114.6	71.5	
1974	887.8	81	60.5	68.5	97.3	138.3	71.9	45.8	42.6	56.8	60	123.5	36.5	
1975	1224.2	95	95.9	69.1	93.6	155.6	93.2	88.5	240.1	95.6	58	90.6	134.1	
1976	960.8	63.3	52.8	117.6	79.3	90.1	84.2	95.2	75.9	111.6	64.7	83.6	42.3	
1977	962.1	27.6	43.8	82	38.7	24.6	58.6	56.7	255.9	143.1	74.4	102.6	53.9	
1978	831.7	77.3	5.6	52.6	39.6	75.4	79.5	27.6	63.2	137.9	75.9	65.7	112.4	
1979	880.9	51.8	26	88.2	125.7	66.7	49.9	67.4	65.6	31.9	115.4	111.9	65.4	
1980	916	45.3	52.8	76.1	109.6	54.8	80.1	91.5	44.7	120.5	103.3	56.7	77.7	
1981	924.9	21	51.4	53.5	64.6	60	74.7	51	181	96.8	174.3	61.2	35.4	
1982	855.7	38.6	17.7	75.1	61.6	93	92.5	67	101	85.4	47.4	136.5	79.7	
1983	965.2	43.3	36.7	48.3	93.6	147.4	24.8	48.9	96.4	130.2	93.7	83.5	128	
1984	853.2	38.3	48.2	57.1	34	66.7	149	33.7	68.5	97.2	50	98.6	92.9	
1985	1159.7	58	125	116.5	64.2	111.9	49.5	60.4	138.9	61.8	336.9	132.5	60	
1986	1072.8	37.5	66.1	98.7	73.1	66.1	129.1	80.2	76.2	224.4	99.5	51.5	68.2	
1987	920.7	62	20.3	62.4	36.1	36.7	98.5	150.5	100.9	60.6	83.9	136.5	72.3	
1988	961.7	52	56.6	39.5	56	82.7	23.9	186.4	75	89.7	114.5	111.9	73.5	
1989	817.3	51.2	41.9	43.8	41.2	104.2	91	1.9	94.8	92	78.9	127.5	64.9	
1990	1045.1	72.8	68.5	51.7	32	101.3	109.9	85.1	40	111.7	136.8	126.1	106.2	
1991	1020.8	28.6	61.3	94.3	107.2	108.1	70.6	110.7	84	91.2	102.8	90.9	70.3	
1992	1003.4	71	29	40.2	111.6	72.9	63.5	141.2	118.3	122.6	51.3	144.5	37.3	
1993	930.5	84.9	17	18.3	75.4	51.8	136.2	70.2	66.3	107.4	67.8	96.9	40.3	
1994	919.4	37	8.2	35.3	84.5	101.7	59.7	100.7	95.9	100	53.9	87.1	55.4	
1995	1121.6	71.7	40.3	52.2	112.9	79.5	139.2	100.8	80.2	54.8	147.1	213.9	31.1	
1996	1049.9	89.9	76.3	44.1	98.9	105.7	80.4	74.9	64.1	129.1	77.8	101.4	103.3	
1997	911.3	119.2	93.1	103.3	21.3	84.3	55.9	77.6	118	74.1	96.6	36	31.9	
1998	615.4	75.8	18.6	107	33.3	31.2	39.7	23.2	88.3	34.8	31.7	53.3	78.5	
1999	771.6	73	50.9	44	56.9	44.3	80.5	46.9	68.6	80	59.4	96.5	50.6	
2000	1160	38.8	44.2	32.4	60.6	204.5	202.6	65.7	48.7	123.1	24.9	196.6	108.9	
2001	1155.3	36.1	121.3	37.6	44.2	111.6	98.2	11.7	134.5	126.6	175.5	109.2	113.8	
2002	843.7	47	88.8	58.8	92.5	93.9	65.2	85.1	47.2	76.7	68.8	63.6	56.1	
2003	960	54.4	73.3	62.3	39.3	121.7	64.2	91.6	80.7	115.5	102.2	118	69.8	
2004	932.4	74	21.9	114.4	52.2	102.7	79.1	103.1	46.2	23.1	80.6	106.1	61	
	924.92	59.06	52.80	66.18	67.26	85.48	84.53	75.08	91.13	88.37	85.21	101.71	78.12	Average 1962 - 2004
	946.64	58.70	52.52	62.48	64.50	94.83	87.91	79.88	83.82	96.50	84.21	108.85	73.30	Average1962 - 2004
	904.86	59.44	49.33	61.30	69.04	88.95	85.73	86.89	88.98	102.04	86.79	110.52	70.46	Average 1962 - 1997

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	316.2	49.2	84.1	72.7	10.4						7.3	25.7	66.8	
1961	229.3	45	12.6	43.4	19.6	17						26.5	68.2	
1962	261.9	68.1	68.7	10.5	3.6						25.2	11.8	94	
1963	270.4	45.4	34.7	21.7	7.2	2.5						52.7	106	
1964	253.8	25.4	41.5	46.3	6.1						11.7	25	47.8	
1965	219.3	60.1	46	35.9	26.8						3	15.2	32.3	
1966	257	53.7	21	40.4	14.7							47	80.2	
1967	282.6	70.8	46.4	44.2	9.8							63.2	48.2	
1968	287.1	78.5	107.8	52.8	3.5							35.3	119.1	
1969	267.7	125	34.3	40.6							46.4	64.4	47	
1970	261.6	47.2	47.5	48.3	26.4							26.7	64.3	
1971	287.1	116.7	25.4	68.6	9.1							28.2	39.1	
1972	289.5	96.2	78.4	17.2	15.2						5.3	34	43.2	
1973	152.9	36.4	28.1	18.1	3.2							10.1	56.9	
1974	164.9	38.3	42	23.8								33.9	26.9	
1975	296.2	58	53.5	35.1	47.2							13.9	92.5	
1976	314.3	84.3	45.9	42.9	12.6							47.1	61.6	
1977	189.3	64.7	24	22.2								23.1	66.3	
1978	254.5	120.5	15.3	13.5	4.1							5.7	95.4	
1979	198.9	64.5	31.8	15.4	30.4							20.5	17.3	
1980	271.2	55.4	72.6	32.6								20.9	89.5	
1981	184.7	48.5	34.5	29.9							46.8	8.4	26.5	
1982	196.5	47.3	42.8	25.5	16.5							9.3	32.1	
1983	236.1	21.2	10.1	27.4	1.9							26.3	149.3	
1984	147.7	51.8	24.1	40.9									30.9	
1985	353.7	71.9	105.6	43	12.6							4.4	116.2	
1986	209.6	36.7	47.3	30	10.8							47.2	37.6	
1987	174.3	71.7	14.1	22.7	11.1							36.5	16.2	
1988	176.2	39.1	68.3	8.3	3.6						8	3	45.9	
1989	251.5	20.7	54.6	20.1	16.5						10.6	50.7	78.3	
1990	124.4	33.6	40.1									15.6	35.1	
1991	208	44.9	60.6	16.9								20.4	65.2	
1992	155.9	75.7	20.6	22.4							4	12	21.2	
1993	145	47	28	25	2						3.8	18.2	24	
1994	124.8	41	16	23	1							14	29.8	
1995	311.7	47	66.9	19	9							123.8	46	
1996	260.7	60.4	38.9	56.5	16.2							58.9	47.8	
1997	298.7	129.9	11.1	88.4							39.6	12.6	15.9	
1998	138.4	28.5		60.7								5.8	43.4	
1999	253.3	116.3	11.6	49	14.1							38.8	23.5	
2000	275.4	31.2	49.4	6.5	12.2							122.1	160	
2001	224	32.5	51.2	28.6	9.3						10	3.3	92.1	
2002	245.2	50.6	47.8	33.6	21.6						8.3	29.1	54.1	
2003	284.7	105.2	76.4	43.1	2.8						3.3	16.9	37	
2004	230.2	115.1	12.1	25.5								23.2	54.3	
	241.05	62.48	42.04	32.90	9.14	0.43					5.19	30.05	58.82	Average 1962 - 2004
	223.74	58.23	38.94	30.87	7.00						3.82	30.18	54.68	Average1962 - 2004
	212.18	53.74	40.63	29.13	6.51						4.14	28.43	49.59	Average 1962 - 1997

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1962	495.25	13.14	4.69	77.54	163.78	9.68	22.06	4.86	4.07	6.23	6.58	66.5	118.92	
1963	317.26	23.43	31.97	49.12	48.94	57.08	12.56	5.05	2.81	6.44	14.81	25.77	39.23	
1964	470.5	15.55	168.08	65.93	43.11	15.72	19.72	6.67	2.47	3.83	6.15	33.08	91.99	
1965	589.43	31.91	81.12	171.11	132.28	22.89	12.59	4.75	3.09	13	21.59	72.26	22.84	
1966	625.31	24.01	14.54	191.17	28.29	35.88	18.95	7.38	5.28	127.24	106.05	25.62	29.89	
1967	310.34	21.51	9.73	90.49	49.35	8.71	7.01	10.72	3.89	2.65	8.91	44.38	55.04	
1968	333.06	30.42	42.08	96.99	42.06	22.94	4.15	1.41	1.6	1.05	14.92	43.87	26.77	
1969	319.7	36.35	12.97	102.82	52.58	18.8	8.4	1.2	3.77	5.91	9.19	59.21	9.4	
1970	521.56	59.35	49.8	123.21	33.17	19.21	11.3	4.92	2.17	2.01	50.19	82.67	83.56	
1971	464.35	18.32	62.17	187.8	111.07	13.64	7.07	9.1	6.1	1.93	9.73	16.98	85.54	
1972	693.24	45.34	17.88	122.87	79.79	24.48	3.42	7.11	42.62	47.9	19.81	140.73	47.98	
1973	363.62	102.66	6.64	43.36	109.16	12.84	34.06	6.46	2.06	3.64	10.15	13.37	21.22	
1974	265.14	6.46	22.05	57.77	66.92	33.14	7.32	6.67	3.11	3.36	5.17	23.75	30.42	
1975	456.23	83.8	9.47	118.62	51.55	20.71	42.36	3.95	2.83	1.23	6.5	84.2	30.71	
1976	655.48	104.08	98.63	65.76	117.81	68.92	38.24	9.12	3.37	9.27	18.82	89.6	71.86	
1977	603.47	116.83	151.66	137.71	58.11	32.38	12.52	3.89	14.6	14.9	9.47	34.23	17.17	
1978	253.85	87.08	31.01	98.46	23.69	6.3	3.13	1.87	1.69	1.35	1.65	2.41	5.21	
1979	232.33	46.65	43.26	26.88	20.31	8.98	7.05	3.98	2.72	2.53	5.5	21.99	35.48	
1980	523.18	65.96	54.34	34.32	31.78	101.3	87.11	25	8.66	12.49	7.16	36.49	48.4	
1981	492.6	33.58	121.84	52.93	113.04	27.3	19.6	4.62	4.44	4.41	47.09	33.34	30.41	
1982	333.62	34.07	62.81	91.64	48.71	35.96	32.82	4.33	3.64	2.54	2.87	4.65	9.48	
1983	558.11	64.2	37.73	77.75	26.9	19.83	11.09	10.7	72.48	8.72	52.68	67.75	73.28	
1984	324.27	58.8	43.73	164.62	38.92	57.17	15.93	19.5	6.13	4.65	5.18	28.9	59.74	
	447.12	48.41	50.26	97.43	65.23	29.22	19.93	6.98	8.78	12.45	18.93	45.73	44.20	Average 1962 - 2004
	447.12	48.41	50.26	97.43	65.23	29.22	19.93	6.98	8.78	12.45	18.93	45.73	44.20	Average1962 - 2004
	481.93	45.20	47.77	106.51	74.75	25.96	16.36	5.65	6.39	15.61	19.57	51.01	47.16	Average 1962 - 1997

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	

1963	267.18	84.87	1.5	38.58	82.6	3.13	26.77	1.65	0.58	1.88	0.6	6.49	12.53		
1964	169.29	3.29	16.02	44.87	41.47	17.34	2.88	3.09	1.09	1.91	2.4	16.58	17.25		
1965	107.44	69.64	1.46	96.26	35.59	8.85	37.01	1.46	1.54	0.32	4.69	62.74	14.78		
1966	449.76	89.73	78.00	35.81	74.63	45.6	24.06	3.46	1.57	6.98	12.9	30.52	42.63		
1967	456.8	83.7	114.86	104.8	30.65	18.21	8.79	1.61	13.99	9.08	4.95	23.16	4.99		
1968	199.51	71.6	19.32	58.74	10.8	1.75	0.85	0.67	0.84	0.38	0.54	1.03	2.78		
1969	145.38	29.21	24.34	11.68	9.28	4.48	3.88	1.84	1.3	1.4	3.12	22.28	17.47		
2000	275.2	47.85	41.61	13.21	18.22	88.93	89.33	14.31	2.79	7.1	1.27	27.87	19.61		
2001	327.6	10.95	94.16	22.42	98.71	19.84	10.68	1.41	2.64	2.33	37.28	16.8	22.78		
2002	207.44	24.29	42.79	61.19	26.78	18.68	24.53	1.54	0.61	0.39	0.48	1.37	4.5		
2003	367.61	55.37	21.96	60.27	16.43	9.99	4.56	6.06	61.63	3.91	37.96	65.16	44.11		
2004	340.63	27.93	15.56	135.05	19.34	40.07	6.53	11.6	2.58	1.97	2.62	19.77	57.61		
	308.28	33.58	35.63	73.86	41.24	18.49	13.65	3.76	6.15	9.06	12.74	32.45	27.48	Average 1960 - 2004	
	308.28	33.58	35.63	73.86	41.24	18.49	13.65	3.76	6.15	9.06	12.74	32.45	27.48	Average1982 - 2004	
	321.38	30.93	35.27	83.52	47.68	15.09	10.86	3.07	4.28	11.94	13.10	37.03	28.61	Average 1982 - 1997	

Re

Year	Year Re	1	2	3	4	5	6	7	8	9	10	11	12
1962	0.44	0.2	0.04	0.94	2	0.05	0.17	0.03	0.02	0.04	0.04	0.38	1.19
1963	0.18	0.24	0.57	0.48	0.26	0.25	0.23	0.05	0.01	0.04	0.11	0.16	0.15
1964	0.4	0.04	3.06	0.78	0.4	0.08	0.09	0.1	0.01	0.02	0.03	0.25	0.82
1965	0.37	0.15	0.57	1.04	1.46	0.14	0.14	0.04	0.02	0.15	0.13	0.38	0.16
1966	0.41	0.27	0.1	1.65	0.23	0.33	0.09	0.06	0.04	0.47	0.8	0.19	0.13
1967	0.21	0.08	0.1	1.12	0.92	0.05	0.04	0.05	0.02	0.02	0.07	0.24	0.46
1968	0.24	0.43	0.49	2.01	0.37	0.17	0.07		0.01		0.11	0.26	0.24
1969	0.28	0.45	0.18	2.11	0.73	0.08	0.04	0.28	0.03	0.04	0.07	0.38	0.08
1960	0.35	0.65	0.46	1.91	0.5	0.13	0.05	0.03	0.02	0.01	0.29	0.48	0.45
1961	0.31	0.25	0.51	1.55	0.68	0.05	0.06	0.06	0.03		0.04	0.13	0.27
1962	0.43	0.31	0.24	2.58	0.45	0.21	0.01	0.03	0.29	0.3	0.22	0.61	0.68
1963	0.32	1	0.08	2	1.1	0.06	0.2	0.02	0.01	0.02	0.1	0.07	0.31
1964	0.21	0.09	1.95	1.27	0.49	0.17	0.05	0.03	0.01	0.02	0.04	0.19	0.31
1965	0.3	0.97	0.04	1.68	0.32	0.11	0.27	0.01	0.02	0.01	0.03	0.29	0.48
1966	0.43	1	0.98	0.61	0.75	0.43	0.3	0.05	0.02	0.05	0.17	0.3	0.41
1967	0.46	0.7	1.23	1.01	1.44	0.22	0.16	0.02	0.1	0.12	0.05	0.64	0.16
1968	0.28	0.95	1.04	0.55	0.32	0.06	0.02	0.03	0.01	0.01	0.02	0.02	0.04
1969	0.18	0.54	0.48	0.27	0.16	0.1	0.05	0.04	0.02	0.02	0.04	0.23	0.35
2000	0.32	1.23	0.94	0.41	0.27	0.43	0.44	0.17	0.06	0.06	0.06	0.15	0.23
2001	0.3	0.3	0.78	0.6	1.96	0.18	0.11	0.12	0.02	0.02	0.22	0.15	0.2
2002	0.25	0.52	0.48	1.04	0.29	0.2	0.38	0.02	0.02	0.01	0.01	0.02	0.08
2003	0.39	1.02	0.3	0.87	0.42	0.08	0.07	0.07	0.77	0.03	0.37	0.55	0.63
2004	0.37	0.38	0.71	1.18	0.37	0.27	0.08	0.11	0.06	0.09	0.03	0.19	0.71
	0.32	0.51	0.67	1.23	0.70	0.17	0.14	0.06	0.07	0.07	0.13	0.28	0.38	Average 1960 - 2004
	0.32	0.51	0.67	1.23	0.70	0.17	0.14	0.06	0.07	0.07	0.13	0.28	0.38	Average1982 - 2004
	0.33	0.43	0.66	1.45	0.76	0.16	0.12	0.05	0.04	0.08	0.14	0.32	0.40	Average 1982 - 1997

Wingham A

Note Greyed area derived from BRFU provisional streamflow data. Hydat data 1960 - 2002

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	868.72	64.61	98.12	57.15	101.64	129.77	104.17	26.94	33.78	24.25	64.39	114.91	49.96
1961	904.53	28.31	40.46	92.38	68.7	76.33	117.82	77.06	124.19	58.26	48.45	79.57	96
1962	664.24	60.79	40.04	12.47	47.21	27.05	78.74	53.41	27.91	84.66	92.89	27.27	91.5
1963	720.39	20.83	19.97	63.6	45.84	81.4	52.33	76.38	66.48	42.67	29.55	149.25	72.08
1964	985.17	71.82	49.4	86.74	75.49	67.17	35.27	108.64	230.84	62.21	57.53	45.56	84.2
1965	1002.4	78.55	74.25	38.01	67.05	55.19	23.19	91.74	96.01	156.39	112.56	95.95	123.51
1966	867.62	33.1	53.5	105.93	64.83	73.52	59.63	5.41	92.66	90.87	57.11	133.4	117.28
1967	1023.6	65.05	43.26	34.4	101.75	41.34	186.84	50.79	89.46	68.27	106.44	129.23	106.77
1968	1118.9	79.2	107.35	61.01	57.97	70.12	98.14	62.35	102.04	108.42	74.97	115.91	121.26
1969	1019.47	103.65	26.43	48.58	95.97	140.77	107.87	83.13	17.57	37.9	165.72	143.02	49.05
1970	893.8	33.26	31.65	69.11	63.17	57.57	48.14	212.02	23.68	112.07	104.31	57.18	71.64
1971	770.46	69.5	83.76	60.15	34.54	21.76	98.9	88.43	77.63	35.97	37.55	56.34	155.03
1972	910.77	82.33	55.36	49.58	36.24	58.45	137.83	44.32	80.88	66.43	112.63	75.91	122.83
1973	837.86	52.66	33.18	105.06	42	106.84	68.9	62.43	47.84	44.12	86.54	114.06	72.23
1974	896.98	80.32	64.18	56.21	98.67	136.76	71.76	46.05	42.74	58.43	59.7	131.51	27.44
1975	1218.13	94.74	93.46	65.89	80.58	99.25	92.63	99.29	244.08	97.06	57.97	80.24	132.94
1976	952.82	64.51	52.1	113.31	85.74	89.95	86.44	97.14	76.72	114.26	68.79	85.5	42.4
1977	966.69	28	43.76	79.19	28.68	24.6	58.91	57.57	257.57	147.06	74.16	101.05	54.14
1978	836.44	77.98	5.71	51	60.32	74.78	77.54	28.39	84.89	142.82	75.96	65.43	111.62
1979	882.33	51.98	25.44	95.13	123.65	86.75	50.49	68.58	67.25	33.7	111.53	111.7	66.13
1980	919.6	46.33	49.31	75.2	111.13	58.96	81.98	91.44	46.24	122.64	104.03	52.96	78.39
1981	916.26	21.03	63.59	50.41	66	60.73	74.92	52.37	184.09	99.98	159.31	60.24	36.08
1982	863.63	37.43	17.67	73.98	60.71	55.7	92.9	68.28	105.62	88.62	47.83	134.77	81.52
1983	971.09	39.61	35.97	47.17	95.61	148.53	27.56	48.65	99.61	133.2	84.61	82.67	127.8
1984	858.76	39.8	47.49	50.08	34.72	36.92	144.81	34.6	70.47	99.5	51.12	97.86	96.38
1985	1135.28	56.72	123.4	111.45	65.89	111.49	49	61.98	143.09	63.12	106.99	130.44	79.66
1986	1075.96	38.42	85.34	94.28	72.48	85.92	128.83	80.8	79.13	241.3	91.02	49.61	68.93
1987	922.46	62.72	19.71	60.34	35.98	36.27	67.77	151.65	103.61	62.4	85.11	134.18	72.78
1988	961.9	51.84	55.28	38.78	57.62	81.54	23.5	105.21	75.62	93.09	112.99	111.32	74.13
1989	816.19	92.97	40.88	41.93	40.96	106.36	90.68	2.28	97.08	84.52	76.73	127.3	56.4
1960	1053.03	72.28	47.08	50.91	33.75	101.42	111.44	85.95	42.97	115.06	137.81	127.66	156.67
1961	1029.21	30.4	40	92.1	109.93	108.54	69.58	115.02	86.36	92.17	104.38	89.79	70.94
1962	1043.59	70.63	29.37	38.89	114.2	73.83	64.15	143.77	122.36	124.96	52.95	153.49	54.99
1963	839.63	97.49	23.79	19.79	75.36	58.02	133.91	69.21	55.5	116.28	65.69	79.4	45.7
1964	820.84	46.84	8.94	36.79	89.68	100.74	57.84	97.96	92.6	93.98	53.16	86.6	52.51
1965	1075.44	75.27	40.43	48.64	103.48	79.51	120.21	95.33	92.17	48.13	142.35	191.83	38.13
1966	1053.67	89.28	76.85	41.51	101.55	105.49	83.1	76.6	65.17	134.61	78.39	97.94	104.18
1967	952.31	119.08	90.82	98.04	22.29	84.92	51.87	78.4	120.11	77.58	86.16	36.6	32.44
1968	918.05	76.22	18.34	102.1	34.23	31.87	45.39	23.96	91.09	36.11	31.72	53.46	78.66
1969	773.64	73.93	53.01	40.59	58.06	45.06	81.64	48.23	69.68	89.77	70.03	96.43	52.23
2000	1158.5	39.12	43.65	31.85	60.29	202.61	203.23	89.16	51.66	125.18	25.41	179.14	108.2
2001	1105.89	36.76	118.15	35.85	44.41	113.88	97.98	13.34	125.79	128.8	167.5	157.95	112.48
2002	842.36	47.86	87.33	56.43	92.08	93.57	66.64	86.35	48.05	77.96	67.01	62.97	56.11
2003	993.24	55.26	70.93	58.78	39.61	101.35	64.17	91.64	83.69	117.73	101.38	118.54	70.78
2004	935.27	74.86	81.61	110.44	53.38	150.88	80.01	100.76	46.3	26.32	80.78	103.68	62.25
	934.76	59.89	51.87	63.46	67.52	85.46	84.34	75.96	93.56	90.53	83.98	99.72	78.96	Average 1960 - 2004
	934.76	59.89	51.87	63.46	67.52	85.46	84.34	75.96	93.56	90.53	83.98	99.72	78.96	Average1982 - 2004
	933.39	59.65	52.13	62.68	68.50	83.10	84.90	74.93	94.33	91.44	83.65	99.20	79.08	Average 1982 - 2002

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	300.92	50.22	81.17	65.65	9.49	0	0	0	0	0	5.57	24.07	64.76
1961	230.5	44.64	12.14	37.02	18.05	16.65	0	0	0	0	0	25.31	66.71
1962	269.94	68.85	66.25	9.47	3.39	0	0	0	0	0	18.19	11.28	91.51
1963	260.54	46.27	33.54	19.85	6.54	2.61	0	0	0	0	0	49.57	103.36
1964	194.45	26.12	40.34	43.01	5.52	0	0	0	0	0	8.62	23.76	46.76
1965	212.25	61.22	45.72	32.89	24.25	0	0	0	0	0	2.6	14.4	31.17
1966	250.27	55.3	21.34	37.07	13.58	0.1	0	0	0	0	0	40.49	78.39
1967	273.92	71.44	45.43	40.56	9.05	0	0	0	0	0	0	60.22	47.03
1968	302.22	78.42	102.42	48.5	3.1	0	0	0	0	0	0	33.66	116.12
1969	337.94	123.64	33.72	37.1	0	0	0	0	0	0	35.54	60.79	47.15
1970	252.76	47.41	45.98	45.07	23.76	0	0	0	0	0	0	25.5	65.04
1971	280.29	117.04	26.16	63.32	8.27	0	0	0	0	0	0	26.9	38.6
1972	283.13	96.19	76.34	16.41	14.02	0	0	0	0	0	4.2	32.38	43.69
1973	153.72	37.09	27.83	16.93	2.93	0	0	0	0	0	0	9.61	56.33
1974	141.48	38.38	40.54	22.64	0.55	0	0	0	0	0	0.07	32.55	27.75
1975	287.41	59.25	52.63	28.9	42.81	0	0	0	0	0	0	13.48	60.34
1976	305	85.5	43.99	39.54	11.38	0	0	0	0	0	0.54	62.97	60.88
1977	195.26	61.43	23.62	19.69	0.06	0	0	0	0	0	0	20.61	65.44
1978	249.97	120.46	14.97	12.57	3.7	0	0	0	0	0	0	5.47	92.6
1979	191.97	83.77	30.26	14.08	27.84	0	0	0	0	0	0	19.23	17.58
1980	263.52	55.22	69.98	30.51	0.01	0	0	0	0	0	0.05	20.27	87.49
1981	180.5	48.25	33.36	27.72	0	0	0	0	0	0	35.95	8.02	27.2
1982	191.33	68.38	41.25	23.63	17.52	0	0	0	0	0	0.03	8.93	31.29
1983	229.63	21.21	9.84	24.96	1.66	0	0	0	0	0	0	26.06	146.18
1984	146.44	52.65	23.46	27.95	0	0	0	0	0	0	0	0	31.38
1985	346.87	74.54	103.73	36.23	11.63	0	0	0	0	0	0	4.4	113.34
1986	202.46	37.86	45.66	27.4	9.96	0	0	0	0	0	0	44.31	38.85
1987	171.66	72.08	13.86	21.23	10.06	0	0	0	0	0	0.17	35.38	18.88
1988	172.92	38.97	67.1	8.24	3.24	0	0	0	0	0	6	2.95	46.42
1989	240.62	21.34	52.98	18.72	11.25	0.22	0	0	0	0	8.07	47.75	76.49
1960	124.1	34.12	38.64	0.52	0.14	0.09	0	0	0	0	0	15.29	35.3
1961	206.5	47.06	58	15.79	0.38	0	0	0	0	0	0	19.82	64.55
1962	170.85	75.14	20.58	20.56	0.14	0	0	0	0	0	2.63	14.09	37.51
1963	172.25	17.77	37.68	22.1	2.98	0	0	0	0	0	2.58	18.97	30.15
1964	135.51	47.52	17.58	25.52	1.76	0	0	0	0	0	0	12.94	30.16
1965	196.55	53.76	65.21	16.62	7.17	0	0	0	0	0	0	39.94	54.85
1966	270.53	60.74	38.51	52.26	14.57	0	0	0	0	0	0	56.56	47.89
1967	260.57	129.83	13.26	82.08	0.19	0	0	0	0	0	30.6	13.4	18.21
1968	133.58	29.59	0.06	56.05	0	0	0	0	0	0	0	5.54	42.34
1969	247.58	117.04	11.47	44.78	12.51	0	0	0	0	0	0	37.37	24.41
2000	262.99	31.94	62.12	6.25	11.27	0	0	0	0	0	0	114.62	104.99
2001	216.84	23.28	49.65	27.2	5.79	0	0	0	0	0	7.88	3.32	98.71
2002	236.85	51.48	46.55	31.3	19.39	0.08	0	0	0	0	4.2	26.44	53.4
2003	277.62	105.84	79	36.79	2.73	0	0	0	0	0	2.47	17.15	36.84
2004	230.05	116.63	12.2	23.96	0.14	0	0	0	0	0	0	21.73	55.19
	235.00	63.57	41.16	30.49	8.35	0.43	0.00	0.00	0.00	0.00	3.99	28.25	58.75	Average 1960 - 2004
	235.00	63.57	41.16	30.49	8.35	0.43	0.00	0.00	0.00	0.00	3.99	28.25	58.75	Average1982 - 2004
	234.12	61.34	41.03	30.50	8.68	0.45	0.00	0.00	0.00	0.00	4.12	28.66	59.34	Average 1982 - 2002

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	490.22	44.52	32.6	40.57	214.84	94.79	25.76	6.63	3.61	2.53	2.66	6.79	4.71
1961	248.72	4.03	20.76	74.88	40.85	36.09	12.6	11.71	7.36	4.89	2.86	11.66	20.01

1978	0.45	0.76	0.65	0.39	0.27	0.58	0.4	0.63	0.77	0.44	0.52	0.53	0.68				
1979	0.38	0.5	0.8	0.27	0.39	0.57	0.7	0.78	0.64	0.79	0.43	0.36	0.29				
1980	0.44	0.54	0.92	0.18	0.48	0.56	0.48	0.71	0.51	0.32	0.48	0.79	0.47				
1981	0.41	0.93	0.15	0.59	0.63	0.44	0.54	0.79	0.4	0.31	0.36	0.54	0.66				
1982	0.38	0.64	0.92	0.23	0.34	0.67	0.42	0.8	0.66	0.62	0.64	0.32	0.35				
1983	0.57	0.74	0.55	0.64	0.56	0.61	0.52	0.78	0.75	0.37	0.54	0.57	0.6				
1984	0.38	0.9	0.2	0.37	0.58	0.6	0.28	0.63	0.76	0.55	0.69	0.38	0.31				
1985	0.38	0.65	0.24	0.32	0.35	0.33	0.56	0.77	0.55	0.45	0.27	0.38	0.66				
1986	0.61	0.49	0.76	0.21	0.61	0.21	0.43	0.6	0.55	0.25	0.5	0.72	0.71				
1987	0.43	0.83	0.91	0.28	0.46	0.59	0.52	0.53	0.58	0.76	0.38	0.32	0.42				
1988	0.38	0.45	0.43	0.28	0.53	0.3	0.69	0.43	0.57	0.6	0.15	0.4	0.42				
1989	0.42	0.46	0.62	0.2	0.52	0.68	0.58	0.74	0.59	0.63	0.45	0.18	0.72				
1990	0.38	0.28	0.54	0.3	0.53	0.38	0.7	0.54	0.77	0.74	0.24	0.29	0.46				
1991	0.4	0.52	0.36	0.3	0.47	0.5	0.54	0.33	0.45	0.86	0.4	0.43	0.41				
1992	0.42	0.52	0.79	0.26	0.47	0.43	0.72	0.61	0.35	0.37	0.59	0.28	0.59				
1993	0.4	0.31	0.8	0.35	0.3	0.61	0.3	0.65	0.75	0.52	0.48	0.74	0.56				
1994	0.42	0.42	0.26	0.29	0.44	0.53	0.45	0.46	0.74	0.64	0.43	0.39	0.52				
1995	0.36	0.25	0.76	0.23	0.48	0.6	0.28	0.82	0.45	0.9	0.51	0.29	0.57				
1996	0.38	0.2	0.29	0.54	0.42	0.37	0.54	0.54	0.65	0.32	0.3	0.41	0.46				
1997	0.37	0.31	0.28	0.26	0.5	0.48	0.59	0.73	0.36	0.53	0.59	0.61	0.67				
1998	0.38	0.21	0.42	0.37	0.58	0.53	0.75	0.74	0.72	0.8	0.54	0.71	0.54				
1999	0.4	0.13	0.4	0.5	0.58	0.36	0.84	0.51	0.52	0.55	0.44	0.36	0.54				
2000	0.34	0.38	0.22	0.62	0.59	0.16	0.2	0.42	0.56	0.42	0.75	0.34	0.43				
2001	0.42	0.65	0.27	0.63	0.33	0.31	0.51	0.67	0.48	0.54	0.26	0.56	0.44				
2002	0.46	0.69	0.34	0.43	0.47	0.46	0.32	0.7	0.7	0.69	0.61	0.69	0.44				
2003	0.43	0.54	0.62	0.3	0.61	0.53	0.61	0.56	0.24	0.52	0.33	0.39	0.51				
2004	0.43	0.65	0.61	0.22	0.61	0.43	0.68	0.68	0.81	0.75	0.6	0.44	0.21				
	0.41	0.57	0.56	0.35	0.46	0.47	0.52	0.62	0.59	0.60	0.50	0.45	0.52	Average 1960 - 2004			
	0.41	0.57	0.56	0.35	0.46	0.47	0.52	0.62	0.59	0.60	0.50	0.45	0.52	Average1960 - 2004			
	0.41	0.58	0.55	0.35	0.45	0.47	0.52	0.63	0.59	0.60	0.50	0.45	0.52	Average 1960 - 2002			

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12	
1960	283.03	14.61	3.68	16.63	165.81	60.75	13.57	1.88	0.77	0.28	0.47	3.71	0.53	
1961	129.4	0.08	16.43	48.98	12.65	17.05	5.27	5.82	2.57	1.85	1.63	7.02	10.07	
1962	140.41	2.57	0.77	68.76	32.1	4.4	1.7	0.82	0.37	0.92	4.98	9.83	8.99	
1963	168.58	2.64	0.65	102.35	26.87	20.7	2.86	0.67	1.82	0.36	0.55	6.08	2.94	
1964	170.6	14.18	6.17	48.28	26.39	7.61	1.54	2.08	20.32	1.79	2.49	6.72	33.01	
1965	298.28	6.76	46.6	30.04	103.35	16.27	1.92	1.13	1.76	2.66	14.29	25.5	48.19	
1966	215.48	15.28	35.47	58.46	19.82	13.63	19.07	1.01	1.76	1.53	2.34	14.04	41.88	
1967	335.23	32.52	10.48	54.41	74.47	9.62	27.77	10.87	3.16	2.86	22.83	49.16	35.89	
1968	207.42	4.11	72.57	74.52	17.61	9.96	8.68	2.52	26.78	11.25	13.83	31.2	34.21	
1969	296.91	34.07	31.43	56.45	84.27	48.87	9.38	4.03	1.07	0.26	4.2	15.98	6.79	
1970	185.79	3.65	7.49	16.12	102.21	11.2	1.75	6.52	1.13	3.64	7.99	8.67	15.41	
1971	186.35	5.3	8.23	40	98.88	7.76	3.61	1.94	1.07	1.01	1.19	1.93	14.43	
1972	239.97	11.88	1.12	16.53	135.72	12.75	12.45	3.68	1.25	0.96	8.63	6.79	26.41	
1973	238.5	61.04	16.82	79	20.94	22.31	10.9	2.68	1.54	0.43	2.18	8.57	13.08	
1974	267.95	32.27	13.31	74.82	55.78	62.46	6.7	1.61	1.08	0.58	1.62	13.54	4.3	
1975	375.68	27.55	26.5	50.29	127.01	20.63	8.24	2.65	27.05	26.88	7.94	9.42	21.28	
1976	332.24	8.78	45.77	169.56	31.35	23.79	4.54	18.32	1.54	7.24	33.71	11.03	3.63	
1977	263.74	0.39	1.06	108.61	22.75	4.72	1.87	3.48	22.54	25.79	48.11	26.86	18.19	
1978	175.82	5.3	2.18	21.91	98.87	12.31	9.15	0.83	1.1	4.88	6.68	6.32	5.99	
1979	316.93	14.29	2.21	116.76	81.8	14.72	2.87	1.6	2.17	0.89	7.73	24.44	47.48	
1980	220.08	11.11	0.72	76.44	53.14	10.47	7.47	2.25	3.77	9.59	16.63	4.86	20.62	
1981	256.86	1.17	111.72	21.25	12.42	14.77	6.45	1.15	5.79	21.93	35.7	16.16	8.35	
1982	202.09	7.22	0.61	68.02	106.2	6.52	13.43	1.5	2.15	2.77	3.34	10.22	58.12	
1983	151.02	8.05	14.98	14.85	20.71	30.38	8.79	1.59	1.78	9.09	10.41	13.19	17.2	
1984	283.68	2	151.66	41.68	19.89	7.53	25.04	4.24	1.02	3.79	2.99	23.72	52.11	
1985	399.16	12.36	58.4	111.57	94.67	21.68	7.28	1.64	3.01	8.54	18.36	46.2	15.48	
1986	357.89	21.68	4.62	120.21	20.06	26.49	14.3	4.82	4.9	74.04	44.07	8.93	10.76	
1987	200.65	3.55	1.21	58.64	28.84	4.06	4.27	4.87	3.24	1.23	7.99	33.98	38.53	
1988	263.4	17.23	32.38	71.01	23.19	18.24	1.82	2.87	1.72	1.36	28.17	39.37	26.04	
1989	198.66	26.8	8.05	73.25	26.13	7.63	5.79	1.1	1.68	1.85	1.12	37.11	4.76	
1990	352.18	54.04	23.98	73.79	16.49	17.78	3.32	3.69	1.09	1.28	41.86	60.77	51.1	
1991	314.15	19.29	30.19	114.19	57.4	13.44	1.76	10.12	5.96	0.58	7.81	11.57	27.63	
1992	374.35	26.76	6.26	95.47	47.23	18.05	2.52	3.94	24.43	20.04	12.81	63.29	22.34	
1993	243.48	66.59	3.85	25.35	82.28	7.67	25.59	3.33	1.27	4.21	9.23	3.95	10.17	
1994	208.31	11.25	30.72	45.79	43.77	20.1	6.68	4.65	2.04	2.58	4.25	18.44	17.73	
1995	290.87	58.68	3.12	81.66	25.4	9.83	22.16	1.05	6.71	0.68	5.08	61.22	14.31	
1996	373.34	77.4	65.86	25.76	57.78	40.55	14.4	3.33	1.21	7.31	15.17	33.08	41.49	
1997	363.58	72.86	81.56	100.9	33.61	30.06	5.31	1.79	7.3	4.5	3.83	20.68	7.18	
1998	189.65	76.54	20.43	61.82	14.43	5.29	1.49	0.75	0.57	0.32	1.58	1.1	3.35	
1999	135.68	38.1	27.77	14.3	12.87	6.68	2.05	2.05	1.24	0.89	3.33	14.38	12	
2000	248.85	20.41	39.74	13.31	12.52	110.53	67.18	20.02	8.09	11.47	3.76	25.43	28.19	
2001	328.63	4.7	81.97	22.27	77.07	21.48	11.62	2.28	3.47	3.73	43.85	18.12	38.07	
2002	213.75	13.71	47.01	58.23	35.36	21.68	21.43	2.21	1.46	0.83	1.87	1.85	7.08	
2003	263.41	11.94	15.53	94.31	19.3	20.24	7.02	6.57	26.84	5.53	28.63	65.32	40.96	
2004	342.88	23.1	7.6	151.83	21.88	38.62	8.04	13.25	1.65	2.3	3.89	16.02	53.4	
	268.77	21.98	25.26	65.43	51.26	20.62	10.25	4.00	5.82	6.87	12.07	21.80	23.41	Average 1960 - 2004
	268.77	21.98	25.26	65.43	51.26	20.62	10.25	4.00	5.82	6.87	12.07	21.80	23.41	Average1960 - 2004
	264.85	22.19	25.90	62.75	52.69	20.19	10.37	3.73	5.19	7.01	11.62	20.92	22.31	Average 1960 - 2002

Ri

Year	Year Ri	1	2	3	4	5	6	7	8	9	10	11	12	
1960	0.32	0.23	0.04	0.3	1.63	0.47	0.13	0.07	0.02	0.01	0.01	0.03	0.01	
1961	0.14	0	0.41	0.53	0.18	0.22	0.04	0.08	0.02	0.03	0.04	0.09	0.1	
1962	0.21	0.04	0.02	5.4	0.71	0.24	0.02	0.02	0.01	0.01	0.05	0.26	0.1	
1963	0.23	0.13	0.03	1.61	0.59	0.25	0.05	0.01	0.03	0.01	0.02	0.04	0.04	
1964	0.17	0.2	0.12	0.54	0.36	0.09	0.04	0.02	0.09	0.02	0.04	0.16	0.39	
1965	0.3	0.09	0.63	0.79	1.54	0.29	0.08	0.01	0.02	0.02	0.13	0.27	0.39	
1966	0.24	0.46	0.49	0.55	0.31	0.19	0.32	0.18	0.02	0.02	0.04	0.1	0.36	
1967	0.33	0.5	0.24	1.58	0.73	0.24	0.2	0.21	0.04	0.04	0.21	0.31	0.34	
1968	0.27	0.08	0.68	1.22	0.31	0.14	0.07	0.04	0.15	0.1	0.18	0.27	0.38	
1969	0.29	0.33	1.19	1.16	0.88	0.35	0.09	0.05	0.06	0.01	0.03	0.11	0.14	
1970	0.21	0.11	0.24	0.23	1.62	0.19	0.04	0.03	0.03	0.03	0.08	0.15	0.22	
1971	0.24	0.08	0.1	0.66	2.89	0.36	0.04	0.02	0.01	0.03	0.03	0.03	0.14	
1972	0.26	0.14	0.02	0.33	3.74	0.21	0.09	0.08	0.02	0.01	0.08	0.12	0.22	
1973	0.28	1.16	0.51	0.74	0.5	0.21	0.16	0.04	0.03	0.01	0.03	0.08	0.18	
1974	0.3	0.4	0.21	1.13	0.56	0.45	0.09	0.03	0.03	0.01	0.03	0.1	0.11	
1975	0.31	0.29	0.28	0.76	1.58	0.21	0.08	0.03	0.11	0.28	0.14	0.12	0.34	
1976	0.35	0.14	0.8	1.5	0.39	0.26	0.05	0.19	0.02	0.06	0.16	0.14	0.09	
1977	0.27	0.01	0.02	2.02	0.57	0.19	0.03	0.06	0.13	0.18	0.65	0.27	0.48	
1978	0.21	0.07	0.38	0.43	2.45	0.14	0.12	0.03	0.01	0.03	0.09	0.1	0.05	
1979	0.36	0.27	0.08	1.37	0.66	0.17	0.06	0.02	0.03	0.03	0.07	0.22	0.72	
1980	0.24	0.24	0.01	1.06	0.48	0.18	0.09	0.02	0.08	0.08	0.16	0.09	0.26	
1981	0.28	0.06	2.21	0.42	0.19	0.24	0.09	0.02	0.03	0.22	0.22	0.27	0.23	
1982	0.35	0.19	0.03	0.93	1.75	0.12	0.14	0.02	0.02	0.03	0.07	0.24	0.71	
1983	0.16	0.2	0.42	0.32	0.22	0.2	0.33	0.03	0.02	0.07	0.12	0.16	0.13	
1984	0.32	0.05	2.14	0.76	0.57	0.09	0.17	0.12	0.01	0.04	0.06	0.24	0.52	
1985	0.36	0.21	0.48	1	1.45	0.19	0.15	0.03	0.02	0.14	0.18	0.35	0.17	
1986	0.33	0.56	0.1	1.28	0.28	0.34	0.11	0.06	0.06	0.31	0.48	0.18	0.16	
1987	0.22	0.06	0.06	1.14	0.4	0.11	0.04	0.03	0.03	0.02	0.09	0.25	0.53	
1988	0.27	0.33	0.58	1.83	0.4	0.22	0.08	0.02	0.02	0.01	0.25	0.35	0.35	
1989	0.24	0.53	0.2	1.75	0.64	0.07	0.06	0.46	0.02	0.02	0.05	0.29	0.08	
1990	0.33	0.75	0.36	1.45	0.58	0.18	0.03	0.04	0.03	0.01	0.3	0.48	0.48	
1991	0.31	0.63	0.5	1.24	0.52	0.12	0.08	0.08	0.07	0.01	0.07	0.13	0.53	
1992	0.36	0.38	0.21	2.2	0.41	0.24	0.04	0.03	0.2	0.25	0.24	0.61	0.41	
1993	0.29	0.88	0.17	1.28	1.09	0.13	0.19	0.05	0.02	0.04	0.14	0.05	0.25	
1994	0.25	0.24	3.43	1.25	0.49	0.2	0.12	0.05	0.02	0.03	0.08	0.21	0.32	
1995	0.27	0.79	0.08	1.68	0.25	0.12	0.18	0.01	0.07	0.01	0.04	0.32	0.38	
1996	0.35	0.87	0.73	0.62	0.57	0.38	0.18	0.04	0.02	0.05	0.19	0.34	0.4	
1997	0.4	0.61	0.9	1.03	1.51	0.24	0.1	0.02	0.04	0.08	0.07	0.56	0.22	
1998	0.31	1.03	1.11	0.61	0.42	0.17	0.04	0.03	0.01	0.01	0.05	0.02	0.04	
1999	0.18	0.52	0.56	0.35	0.23	0.15	0.03	0.04	0.02	0.01	0.05	0.15	0.23	
2000	0.3	0.53	0.68	0.42	0.21	0.55	0.33	0.22	0.12	0.09	0.15	0.14	0.26	
2001	0.3	0.13	0.69	0.62	1.74	0.19	0.12	0.17	0.03	0.03	0.26	0.17	0.34	
2002	0.25	0.29	0.54	1.05	0.38	0.23	0.32	0.03	0.03	0.01	0.03	0.03	0.13	
2003	0.37	0.22	0.22	1.4	0.49	0.17	0.11	0.07	0.44	0.05	0.39	0.55	0.58	
2004	0.37	0.31	0.35	1.27	0.41	0.26	0.1	0.13	0.04	0.09	0.05	0.15	0.65	
	0.28	0.34	0.52	1.12	0.85	0.22	0.11	0.07	0.05	0.06	0.13	0.21	0.29	Average 1960 - 2004
	0.28	0.34	0.52	1.12	0.85	0.22	0.11	0.07	0.05	0.06	0.13	0.21	0.29	Average1960 - 2004
	0.28	0.34	0.53	1.10	0.87	0.22	0.11	0.07	0.04	0.06	0.13	0.20	0.28	Average 1960 - 2002

Wincham is

Note Grewed area derived from BRGI provisional streamflow data. Hatte data 1960 to 1995

Distributed Precipitation (mm)

Year	NTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	798.04	63.87	76.56	42.22	92.37	124.18	89.32	31.75	43.59	21.72	62.78	109.93	28.75
1961	898.64	21.69	38.1	65.12	68.38	71.45	126.08	102.92	103.31	73.41	41.87	80.01	96.3
1962	647.07	54.06	60.65	7.91	48.77	28.04	79.27	52.47	58.62	75.62	87.36	47.39	71.41
1963	688.65	20.58	17.49	52.7	57.73	78.27	52.24	68.24	68.01	57.58	25.43	123.97	65.41
1964	917.27	66.71	40.06	79.57	69.1	87.13	37.8	106.22	205.33	92.99	50.46	42.98	80.41
1965	1038.41	74.74	98.8	26.14	58.49	66.4	25.01	94.34	115.92	137.24	138.47	94.02	106.84
1966	911.16	41.23	81.16	87.58	60.46	68.62	82.42	10.77	104.35	96.64	48.52	127.67	111.73
1967	1058.07	59.71	86.3	29.02	109.43	64.22	187.88	65.44	96.41	84.99	110.51	117.78	105.58
1968	1058.47	69.15	77.45	54.07	48.66	58.33	87.29	66.12	179.69	121.07	70.91	119.13	106.43
1969	951.76	85.85	28.48	45.92	102.77	120.31	82.58	86.48	33.97	31.26	129.08	146.68	58.48
1970	914.48	31.96	28.55	56.74	74.13	76.73	49.23	165.58	45.01	127.98	110.86	63.47	84.26
1971	785.69	62.37	86.33	53.79	35.62	23.4	92.16	110.78	91.43	41.65	37.75	52.53	107.66
1972	925.64	73.04	51.67	56.94	48.51	47.4	118.65	45.45	67.18	76.77	126.26	74.48	124.65
1973	906.77	52.07	40.35	106.48	46.31	106.44	77.99	66.93	68.92	48.39	93.9	127.93	77.06
1974	906.26	79.86	61.98	54.84	108.27	102.64	67.34	39.84	32.93	67.38	52.77	136.95	92.66
1975	1110.6	93.13	82.94	58.84	70.28	67.07	84.35	84.94	233.82	88.58	48.97	99.6	98.17
1976	1013.26	76.38	60.73	109.62	98.04	87.85	79.28	103.11	66.99	116.5	83.02	77.22	52.54
1977	967.29	32.75	61.01	71.62	43.53	24.15	72.88	58.44	214.01	156.13	67.14	105.89	59.74
1978	820.11	73.66	7.77	41.65	43.17	67.18	57.35	33.02	77.79	169.91	72.06	71.34	105.31
1979	914.91	45.07	26.76	73.49	110.35	86.88	55.15	74.75	71.05	46.72	121.19	135.51	87.99
1980	916.95	47.23	45.68	72.19	104.14	60.01	99.26	71.65	56.88	110.51	108.92	61	88.48
1981	953.88	25.1	60.17	49.11	71.77	73.46	69.37	63.62	166.43	120.83	148.57	58.07	51.38
1982	969.76	49.3	18.34	73.45	62.83	96.69	93	76.03	141.16	104.54	89.68	137.38	103.35
1983	1015.26	35.43	86.48	42.75	102.16	162.06	30.89	37.04	118.73	135.29	87.83	91.99	104.39
1984	926.79	46.28	52.3	66.26	37.13	93.68	111.06	45.6	84.55	102.24	58.54	103.57	129.58
1985	1168.97	79.9	135.58	99.47	80.09	105.63	53.09	77.8	164.39	67.13	98.71	123.27	93.81
1986	1088.2	49.51	88.69	76.08	68.58	81.92	113.42	73.45	79.07	272.38	102.25	42.59	78.24
1987	916.96	39.68	17.4	62.61	45.47	29.85	81.34	156.76	113.94	72.28	94.59	137.26	70.57
1988	980.95	53.32	72.11	47.52	72.56	56.21	16.03	122.41	67.72	115.41	141.02	122.61	84.03
1989	883.71	52.17	81.57	38.68	57.58	106.94	81.76	7.92	102.15	90.9	88.21	181.16	56.67
1990	1133.53	70.55	64.05	54.94	51.6	104.24	122.83	81.51	75.9	126.93	139.6	136.74	103.84
1991	1095.28	49.92	81.38	96.21	121.7	98.48	49.11	142.26	96.99	76.65	118.26	98.07	85.22
1992	1183.93	65.42	44.18	40.53	124.7	89.26	71.07	152.02	149.31	139.09	63.59	169.46	75.3
1993	923.49	96.18	26.48	20.45	79.67	58.68	143.43	89.38	75.35	129.97	62.03	85.12	49.77
1994	901.77	58.19	13.43	63.96	115.61	101.25	69.3	100.38	81.12	96.73	62.34	94.12	65.34
1995	1118.9	88.13	47.55	52.79	102.23	77.17	107.3	97.34	97.96	49.25	143.9	201.66	52.2
1996	1144.49	76.14	66.2	43.75	126.49	105.65	104.37	85.94	66.1	177.98	81.03	94.13	116.69

1962	67.63	8.14	5.63	7.53	21.32	15	2.88	0.56	0.78	0.6	0.87	1.62	2.9										
1964	96.02	6.64	12.72	26.19	20.84	6.98	1.79	1.61	3.29	1.9	3.14	2.93	9.07										
1965	160.17	15.61	23.96	26.63	31.49	14.13	2.91	2.05	1.75	1.65	10.54	22.68	37.11										
1966	155.09	16.88	18.99	42.07	29.81	12.02	5.93	2.15	1.86	1.8	2.26	4.63	16.65										
1967	216.56	17.9	19.32	22.18	61.09	13.81	9.09	9.84	4.26	2.09	9.35	26.21	33.92										
1968	361.5	19.91	19.22	23.58	29.56	11.57	4.15	3.41	5.39	6.49	11.2	12.72	23.7										
1969	171.34	19.75	21.18	18.11	47.63	24.49	10.16	4.19	2.35	1.58	2	6.56	13.34										
1970	129.18	9.58	9.24	12.77	35.2	12.83	4.31	3.5	2.62	3.14	5.96	9.74	19.99										
1971	127.54	13.86	11.15	28.1	40.84	9.67	5.05	3.28	2.82	2.39	2.03	1.95	6.5										
1972	158.75	13.88	15.04	20.17	42.67	11.91	6.25	4.02	2.69	2.6	3.49	12.84	20.98										
1973	152.63	21.59	14.68	36.44	22.87	14.99	8.03	3.57	2.88	2.15	2.33	4.85	8.05										
1974	138.97	12.58	13.27	22.91	28.77	22.32	7.87	3.25	2.08	1.82	2.39	4.23	7.48										
1975	166.6	10.35	14.95	26.19	27.54	14.46	6.75	3.37	5.18	19.11	14.4	16.63	25.67										
1976	222.87	24.35	32.98	76.08	27.91	19.1	4.01	4.81	3.27	3.22	4	9.67	12.49										
1977	164.26	10.28	9.56	32.32	23.79	5.08	2.4	1.85	4.6	8.87	23.92	20.68	21.92										
1978	143.26	15.81	12.5	15.02	40.01	15.04	6.47	2.45	1.96	3.19	7.34	7.66	13.81										
1979	184.05	14.82	9.35	53.77	52.32	16.52	5.14	2.88	2.39	1.85	3.89	12.16	20.94										
1980	147.27	12.72	9.36	16.5	42.94	11.49	5.92	3.72	2.79	2.89	8.96	10.6	14.38										
1981	153.9	10.98	10.82	26.81	18.74	11.49	5.47	3.05	2.73	6.12	16.41	17.9	15.18										
1982	175.65	11.17	7.14	19.67	51.62	8.44	7.61	4.79	3.43	3.43	5.9	17.44	34.61										
1983	175.92	20.35	16.7	23.85	22.55	22.53	8.1	2.9	2.67	3.32	9.71	14.52	24.73										
1984	151.35	16.55	25.77	23.5	23.92	8.1	7.39	4.31	2.29	3.35	4.27	12.69	19.21										
1985	242.83	17.05	14.1	66.45	48.54	10.94	6.62	4.05	3.21	8.44	12.01	28.45	22.97										
1986	228.9	21.28	13.52	30.7	26.06	8.02	8.51	5.35	4.49	25.11	42.65	17.63	24.43										
1987	154.13	16.97	10.67	29.3	24.04	5.9	4.05	5.6	4.83	3.6	4.24	15.02	29.91										
1988	145.49	14.9	18.5	25.88	24.26	9.4	3.22	1.79	1.94	1.77	6.1	24.96	15.79										
1989	132.82	21.76	10.51	15.37	26.93	12.26	8.81	2.5	2.05	2.07	2.93	7.46	10.17										
1990	197.09	18.61	23.5	26.78	21.75	9.03	5.95	3.83	2.62	2.68	14.63	24.94	42.97										
1991	190.15	17.34	15.84	48.17	45.51	11.15	5.45	4.26	3.59	2.61	6.1	8.19	24.14										
1992	251.43	26.82	22.12	32.84	38.67	14.61	4.9	6.06	12.82	15.58	15.13	33.06	27.82										
1993	149.01	23.92	12.29	10.34	33.76	11.18	9.25	4.81	2.67	3.11	7.88	11	13.82										
1994	140.72	7.68	10.38	20.83	35.13	22.13	6.07	4.41	3.75	2.41	4.08	8.56	15.29										
1995	144.68	14.62	9.46	21.91	20.12	14.74	7.28	4.13	4.35	2.83	3.81	23.28	17.75										
1996	223.25	17.17	17.57	25.05	40.64	25.93	16.45	5.69	3.7	3.38	8.89	24.28	35.5										
1997	226.13	33.92	33.66	36.21	31.16	18.62	7.25	4.62	3.79	9.84	8.23	15.61	20.52										
1998	119.16	25.61	17.73	37.87	19.29	6.47	3.08	1.56	1.09	0.68	1.15	1.68	2.95										
1999	87.58	6.11	20.73	17.22	16.35	4.71	2.99	1.58	0.68	0.49	1.36	4.55	10.83										
2000	165.02	13.22	9.73	20.48	15.36	17.85	13.39	13.66	7.51	7.55	9.52	11.82	24.93										
2001	244.18	41.96	46.77	34.78	32	7.28	8.16	2.69	1.54	2.22	13.77	23.63	28.87										
2002	176.11	35.04	27.02	40.65	28.65	19.71	9.41	3.5	2.26	1.21	1.58	2.66	4.42										
2003	191.98	10.25	13.84	22.53	24.48	18.71	9.89	4.99	2.63	1.66	12.38	33.66	38.63										
2004	187.84	28.72	22.56	39.25	26.24	23.06	11.49	8.44	4.75	3.45	3.27	8.64	7.47										
	163.78	17.34	16.38	27.97	30.90	13.83	6.56	3.93	3.17	4.16	7.50	13.33	18.71	Average 1960 - 2004									
	163.78	17.34	16.38	27.97	30.90	13.83	6.56	3.93	3.17	4.16	7.50	13.33	18.71	Average1960 - 2004									
	168.68	15.79	14.66	27.29	32.12	13.26	5.92	3.61	3.20	4.35	7.70	13.13	18.61	Average 1960 - 1995									

BF1

Year	Year BF1	1	2	3	4	5	6	7	8	9	10	11	12	
1960	0.32	0.75	0.66	0.28	0.19	0.32	0.44	0.65	0.64	0.65	0.57	0.34	0.4	
1961	0.45	0.79	0.11	0.35	0.75	0.54	0.49	0.39	0.67	0.48	0.58	0.24	0.44	
1962	0.36	0.89	0.98	0.15	0.43	0.52	0.54	0.48	0.7	0.6	0.45	0.27	0.39	
1963	0.28	0.89	0.91	0.06	0.43	0.47	0.49	0.34	0.44	0.54	0.38	0.28	0.61	
1964	0.37	0.25	0.66	0.33	0.61	0.44	0.61	0.41	0.24	0.48	0.62	0.43	0.25	
1965	0.34	0.75	0.26	0.41	0.22	0.44	0.64	0.52	0.36	0.37	0.19	0.47	0.39	
1966	0.39	0.43	0.3	0.41	0.58	0.51	0.22	0.7	0.73	0.62	0.63	0.28	0.26	
1967	0.38	0.32	0.62	0.29	0.36	0.59	0.24	0.46	0.44	0.38	0.23	0.44	0.42	
1968	0.34	0.71	0.18	0.23	0.51	0.58	0.47	0.65	0.24	0.46	0.42	0.28	0.39	
1969	0.34	0.3	0.35	0.21	0.32	0.34	0.69	0.63	0.75	0.91	0.43	0.3	0.74	
1970	0.4	0.83	0.61	0.42	0.25	0.5	0.66	0.36	0.67	0.59	0.49	0.49	0.54	
1971	0.39	0.74	0.55	0.42	0.26	0.63	0.48	0.72	0.87	0.82	0.69	0.56	0.33	
1972	0.38	0.63	0.92	0.38	0.25	0.57	0.27	0.49	0.76	0.86	0.29	0.57	0.42	
1973	0.38	0.32	0.5	0.28	0.53	0.43	0.53	0.65	0.71	0.9	0.75	0.32	0.34	
1974	0.31	0.19	0.45	0.22	0.32	0.27	0.65	0.71	0.84	0.88	0.74	0.3	0.74	
1975	0.32	0.29	0.42	0.33	0.19	0.53	0.49	0.64	0.09	0.46	0.71	0.63	0.38	
1976	0.4	0.75	0.37	0.3	0.44	0.44	0.62	0.33	0.77	0.44	0.61	0.45	0.78	
1977	0.32	0.92	0.87	0.15	0.53	0.63	0.71	0.54	0.18	0.26	0.37	0.41	0.43	
1978	0.38	0.74	0.82	0.35	0.32	0.55	0.53	0.75	0.78	0.31	0.42	0.48	0.61	
1979	0.35	0.48	0.61	0.27	0.36	0.56	0.69	0.68	0.75	0.88	0.37	0.28	0.28	
1980	0.4	0.54	0.97	0.18	0.49	0.61	0.6	0.74	0.62	0.36	0.45	0.78	0.37	
1981	0.36	0.9	0.12	0.53	0.58	0.4	0.61	0.78	0.55	0.29	0.29	0.52	0.57	
1982	0.33	0.64	0.92	0.2	0.28	0.65	0.32	0.72	0.57	0.44	0.66	0.28	0.32	
1983	0.49	0.68	0.46	0.42	0.49	0.58	0.47	0.72	0.62	0.22	0.48	0.48	0.5	
1984	0.32	0.93	0.17	0.3	0.52	0.54	0.29	0.67	0.75	0.5	0.61	0.33	0.27	
1985	0.34	0.52	0.18	0.33	0.34	0.48	0.56	0.66	0.24	0.39	0.34	0.36	0.58	
1986	0.34	0.47	0.75	0.19	0.59	0.27	0.53	0.69	0.34	0.18	0.36	0.63	0.67	
1987	0.39	0.79	0.91	0.26	0.44	0.7	0.53	0.26	0.38	0.85	0.33	0.3	0.4	
1988	0.36	0.38	0.42	0.24	0.55	0.46	0.72	0.58	0.42	0.61	0.18	0.27	0.37	
1989	0.38	0.42	0.56	0.19	0.46	0.71	0.44	0.75	0.65	0.67	0.58	0.21	0.71	
1990	0.35	0.25	0.45	0.29	0.55	0.37	0.6	0.57	0.71	0.63	0.21	0.27	0.44	
1991	0.36	0.47	0.32	0.28	0.41	0.48	0.62	0.26	0.4	0.63	0.34	0.37	0.37	
1992	0.41	0.53	0.69	0.3	0.47	0.45	0.54	0.35	0.34	0.41	0.51	0.28	0.55	
1993	0.35	0.25	0.63	0.27	0.28	0.68	0.25	0.62	0.63	0.36	0.36	0.56	0.51	
1994	0.4	0.53	0.29	0.28	0.41	0.54	0.37	0.35	0.69	0.65	0.53	0.36	0.43	
1995	0.32	0.19	0.77	0.21	0.45	0.62	0.31	0.67	0.19	0.88	0.41	0.28	0.56	
1996	0.39	0.2	0.28	0.49	0.41	0.61	0.47	0.66	0.68	0.28	0.37	0.44	0.45	
1997	0.38	0.28	0.25	0.29	0.58	0.48	0.61	0.62	0.36	0.68	0.54	0.38	0.67	
1998	0.4	0.25	0.46	0.39	0.59	0.62	0.75	0.73	0.62	0.72	0.51	0.68	0.57	
1999	0.43	0.19	0.41	0.58	0.57	0.48	0.61	0.4	0.55	0.51	0.44	0.36	0.47	
2000	0.34	0.46	0.25	0.59	0.51	0.18	0.17	0.5	0.51	0.36	0.7	0.26	0.43	
2001	0.41	0.78	0.3	0.51	0.32	0.34	0.49	0.63	0.45	0.4	0.23	0.59	0.44	
2002	0.49	0.75	0.34	0.46	0.48	0.52	0.47	0.74	0.66	0.71	0.57	0.64	0.38	
2003	0.4	0.64	0.63	0.21	0.56	0.43	0.57	0.58	0.16	0.27	0.3	0.39	0.51	
2004	0.38	0.58	0.62	0.22	0.57	0.33	0.6	0.68	0.76	0.75	0.55	0.39	0.16	
	0.37	0.55	0.53	0.32	0.43	0.49	0.52	0.57	0.56	0.55	0.46	0.41	0.47	Average 1960 - 2004
	0.37	0.55	0.52	0.32	0.43	0.49	0.52	0.57	0.56	0.55	0.46	0.41	0.47	Average1960 - 2004
	0.37	0.57	0.56	0.29	0.41	0.50	0.51	0.57	0.56	0.56	0.46	0.40	0.47	Average 1960 - 1995

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12
1960	264.55	7.78	7.64	15.08	161.88	54.11	11.37	1.32	0.68	0.37	0.51	2.74	1.06
1961	129.82	0.47	19.96	47.5	10.17	15.36	5.63	4	1.16	1.62	0.84	8.2	14.92
1962	164.06	0.08	0.16	93.75	38.27	5.7	1.39	0.61	0.32	0.61	1.74	7.23	14.25
1963	171.4	1.04	0.58	111.94	29.37	16.82	2.77	1.1	0.99	0.47	1.33	4.16	1.83
1964	166.25	19.87	6.45	52.82	30.05	7.6	1.15	2.15	10.35	2.19	1.91	3.94	27.55
1965	377	5.12	69.16	38.3	109.53	17.77	1.55	1.85	3	2.68	45.4	25.69	57.15
1966	245.3	22.47	44.52	60.88	21.45	11.75	20.66	0.9	0.7	1.06	1.32	11.64	47.73
1967	356.1	27.44	11.93	53.67	73.23	8.92	29.49	11.39	2.35	3.37	31.2	46.95	46.18
1968	320.42	7.88	88.04	80.67	19.99	8.42	4.62	1.82	17.13	7.48	15.42	32.62	37.54
1969	330.56	46.48	38.4	67.38	98.79	46.5	4.64	2.5	0.79	0.15	2.68	15.25	4.8
1970	180.79	1.99	6.02	17.5	106.98	12.85	2.22	6.16	1.43	2.21	6.1	10.08	17.25
1971	186.91	4.87	9.3	38.88	115.01	5.6	5.55	1.27	0.44	0.5	0.91	1.52	13.06
1972	248.52	12.45	1.25	33.23	126.38	9.08	10.96	6.25	0.92	0.61	8.44	5.49	29.29
1973	253.01	67.58	14.75	93.39	20.13	18.9	7.22	1.9	1.18	0.25	0.79	10.13	15.81
1974	269.75	52.84	16.32	79.28	61.34	60.19	4.28	1.34	0.41	0.26	0.63	10.03	2.62
1975	279.02	25.44	20.02	56.45	120.04	12.71	7.3	1.88	54.67	22.08	1.98	9.58	41.66
1976	337.34	7.93	66.36	175.46	35.92	24.28	2.43	9.58	0.97	4.14	5.87	10.6	3.44
1977	262.09	0.88	1.26	177.98	29.79	2.94	0.99	1.61	20.58	25.03	39.91	29.51	29.59
1978	230.25	5.49	2.72	28.44	141.1	12.43	5.75	0.81	0.58	7.22	9.97	8.14	7.58
1979	265.58	15.87	2.15	147.38	90.95	10.79	2.33	1.35	0.79	0.27	9.61	30.95	54.17
1980	217.42	10.71	5.33	90.72	53.82	10.99	3.99	1.27	1.69	5.1	10.91	3.54	24.35
1981	271.45	1.25	125.3	23.32	13.2	17.34	3.55	0.85	2.2	14.95	40.94	16.84	11.6
1982	283.76	6.31	0.52	76.23	125.08	4.5	16.45	1.92	2.73	4.28	3.02	44.11	73.59
1983	179.31	9.67	19.98	14.5	23.09	37.61	9.28	1.1	1.65	11.47	33.63	15.72	24.81
1984	320	1.31	127.84	53.77	22.31	6.61	18.03	2.14	0.75	3.35	2.77	28.01	52.9
1985	434.27	15.83	62.3	132.68	92.69	13.82	1.18	2.1	10	13.21	21.28	49.61	16.58
1986	438.38	23.66	4.62	135.98	17.85	21.17	7.67	2.42	8.69	116.89	76.93	10.33	12.16
1987	236.78	4.57	1.01	91.78	31.11	2.58	3.59	16.05	7.79	0.62	8.6	35.74	45.37
1988	261.4	19.54	26.06	82.52	20.23	10.92	1.23	1.28	1.13	28.04	42.29	26.98	
1989	180.72	28.79	8.23	67.67	31.06	5.11	11.12	0.63	1.08	1.02	2.16	28.55	4.09
1990	367.32	55.92	28.95	65.1	17.52	15.48	3.98	2.86	0.98	1.58	54.4	66.85	53.71
1991	338.49	19.36	32.63	124.09	66.04	12.25	3.34	12.11	5.27	0.47	9.06	13.87	41
1992	358.29	23.57	10.18	76.37	44.69	17.62	4.25	11.53	24.45	21.99	14.53	84.42	22.68
1993	264.3	71.54	2.58	27.41	85.13	5.28	27.11	2.95	0.55	5.4	14.22	8.5	13.31
1994	210.48	6.9	25.19	54.12	53.73	18.7	4.55	8.24	1.72	1.31	3.54	14.98	20.5
1995	266.22	63.18	2.92	80.24	24.89	9.18	16.16	2.16	19.18	0.4	5.41	58.68	13.84
1996	364.25	68.77	44.88	26.47	57.3	36.85	18.38	2.91	1.27	8.58	15.35	31.39	43.1
1997	355.1	52.3	101.57	94.41	24.85	21.21	4.62	2.79	6.85	4.55	8.99	20.08	9.76
1998	181.17	76.29	20.71	58.39	13.14	3.9	1.03	0.57	0.68	0.3	1.09	0.81	2.27
1999	115.39	26.74	29.97	13.68	12.2	5.62	1.92	2.35	0.57	0.5	1.73	7.95	12.05
2000	226.91	15.4	29.62	14.14	14.66	83.26	63.81	13.45	7.29	13.52	4.15	33.96	33.5
2001	349.31	12.02	108.48	33.68	66.46	14.2	8.39	1.67	1.96	3.32	45.59	16.74	36.8
2002	183.2	11.38	52.08	47.35	30.55	18.43	10.58	1.26	1.14	0.49	1.17	1.55	7.24
2003	292.66	5.84	8.12	84.58	20.01	24.53	7.44	3.56	15.54	4.43	29.33	53.6	35.68
2004	308.46	16.75	5.07	136.01	19.43	46.97	7.56	9.03	1.61	1.14	2.7	13.77	42.52
	279.63	22.19	28.83	70.52	53.56	18.49	8.79	3.71	5.47	7.16	13.36	22.13	25.51	Average 1960 - 2004
	279.63	22.19	28.83	70.52	53.56	18.49	8.79	3.71	5.47	7.16	13.36	22.13	25.51	Average1960 - 2004
	280.98	19.65	24.91	73.93	59.76	15.91	7.55	3.60	5.82	7.93	13.70	22.52	25.69	Average 1960 - 1995

Ri

Year	Year Ri	1	2	3	4	5	6	7	8	9	10	11	12
1960	0.32	0.12	0.1	0.36	1.75	0.44	0.13	0.04	0.02	0.02	0.01	0.02	0.03
1961	0.15	0.02	0.52	0.73	0.15	0.21	0.04	0.04	0.01	0.02	0.02	0.1	0.15
1962	0.25	0	0	11.65	0.78	0.2	0.02	0.01	0.01	0.01	0.02	0.15	0.2
1963	0.25	0.05	0.03	2.12	0.49	0.21	0.05	0.02	0.01	0.01	0.05	0.03	0.03
1964	0.18	0.3	0.17	0.64	0.42	0.08	0.03	0.02	0.05	0.04	0.06	0.09	0.34
1965	0.37	0.07	1.01	1.36	1.87	0.27	0.06	0.02	0.03	0.02	0.33	0.27	0.53
1966	0.27	0.55	0.73	0.7	0.35	0.17	0.25	0.08	0.01	0.01	0.03	0.08	0.43
1967	0.34	0.63	0.26	1.85	0.67	0.2	0.16	0.17	0.02	0.04	0.28	0.4	0.44
1968	0.3	0.11	1.11	1.5	0.41	0.14	0.05	0.01	0.1	0.06	0.23	0.28	0.35
1969	0.35	0.54	1.39	1.47	0.87	0.38	0.06	0.03	0.02	0	0.02	0.1	0.08
1970	0.21	0.06	0.21	0.31	1.44	0.17	0.05	0.04	0.03	0.02	0.08	0.16	0.2
1971	0.25	0.08	0.11	0.72	3.23	0.24	0.06	0.01	0	0.01	0.02	0.03	0.12
1972	0.27	0.17	0.02	0.5	2.62	0.19	0.09	0.14	0.01	0.01	0.07	0.13	0.24
1973	0.28	1.3	0.27	0.86	0.43	0.18	0.09	0.03	0.02	0.01	0.01	0.08	0.21
1974	0.32	0.68	0.26	1.22	0.57	0.42	0.06	0.03	0.01	0	0.02	0.07	0.05
1975	0.34	0.27	0.25	0.87	1.71	0.18	0.08	0.02	0.23	0.25	0.12	0.11	0.42
1976	0.33	0.1	0.93	1.8	0.37	0.28	0.03	0.09	0.01	0.04	0.07	0.14	0.07
1977	0.36	0.03	0.02	2.48	0.48	0.12	0.01	0.03	0.1	0.16	0.59	0.38	0.5
1978	0.28	0.07	0.35	0.68	3.27	0.19	0.1	0.02	0.01	0.04	0.14	0.11	0.07
1979	0.4	0.35	0.08	2.01	0.92	0.15	0.04	0.02	0.01	0.01	0.05	0.23	0.8
1980	0.24	0.23	0.01	1.26	0.52	0.18	0.04	0.02	0.03	0.05	0.1	0.06	0.28
1981	0.28	0.06	2.08	0.47	0.19	0.24	0.05	0.01	0.03	0.12	0.28	0.28	0.23
1982	0.37	0.13	0.03	1.08	1.96	0.07	0.18	0.03	0.02	0.04	0.06	0.32	0.73
1983	0.18	0.27	0.55	0.34	0.23	0.23	0.1	0.03	0.01	0.08	0.12	0.17	0.18
1984	0.35	0.03	2.44	0.81	0.4	0.07	0.16	0.05	0.01	0.03	0.05	0.27	0.41

1968	136.05	40.38	1.03	53.45	0	0	0	0	0	0	0	0	0	5.41	25.78		
1969	258.18	114.78	14.26	32.14	5.82	0	0	0	0	0	0	0	41.4	49.56			
2000	107.49	38.62	38.95	11.65	14.48	0	0	0	0	0	0	0	72.79	162			
2001	224.09	41.16	43.64	40.73	6.25	0	0	0	0	0	0	0	9.42	6.31	78.58		
2002	258.4	58.44	45.33	37.7	13.64	1.38	0	0	0	0	0	0	1.31	41.72	58.98		
2003	274.62	103.9	49.11	30.74	6.63	0	0	0	0	0	0	0	0.84	34.63	48.92		
2004	289.68	121.89	20.01	31.96	2.52	0	0	0	0	0	0	0	0	13.49	89.81		
	236.46	65.43	39.42	29.90	8.36	0.38	0.00	0.00	0.00	0.00	0.00	3.27	26.26	64.33	Average 1962 - 2004		
	239.17	67.07	38.89	29.27	7.70	0.18	0.00	0.00	0.00	0.00	0.00	3.29	26.67	66.09	Average1968 - 2004		
	235.62	66.05	40.90	28.16	7.85	0.18	0.00	0.00	0.00	0.00	0.00	3.67	25.70	64.58	Average 1968 - 1987		

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1968	515.84	33.23	155.24	121.54	43.31	29.1	13.92	5.2	20.85	12.03	24.92	45.38	61.1				
1969	479.98	54.35	43.5	76.7	151.51	75.5	18.22	7.32	3.29	1.51	4.82	23.54	18.72				
1970	297.24	11.28	14.4	24.38	131.83	27.22	7.94	11.79	5.04	4.66	9.07	17.23	32.39				
1971	102.27	19.09	25.79	64.85	100.47	16.62	12.2	4.91	3.1	2.71	2.12	3.7	16.81				
1972	411.75	25.4	15.12	47.31	167.78	22.58	24.75	13.66	3.91	2.5	12.96	21.87	53.71				
1973	430.68	90.34	30.58	143.11	50.88	43.24	18.61	4.79	3.43	1.33	2.47	16.31	25.54				
1974	457.8	73.85	32.93	115.4	95.38	89.35	14.62	5.61	1.85	1.23	2.66	15.09	9.93				
1975	573.64	24.94	34.1	79.12	150.24	27.31	13.45	6.34	70.89	40.63	22.13	25.9	68.39				
1976	611.88	42.46	82.34	262.65	69.18	48	7.34	19.68	4.77	9.74	14.68	20.56	19.74				
1977	541.75	12.69	12.58	207.26	48.6	10.7	8.49	4.63	30.77	36.08	64.94	53.91	55.1				
1978	364.18	26.41	17.87	48.21	164.84	30.23	14.43	6.53	2.46	7.23	13.64	14.11	20.22				
1979	547.97	21.99	13.73	163.7	138.57	34.34	9.28	4.95	3.14	1.91	9.94	40.86	74.56				
1980	379.9	22.28	9.62	96.75	101.15	23.98	11.91	6.74	6.65	10.32	25.7	17.53	27.95				
1981	283.29	10.64	112.76	55.92	32.18	29.34	9.58	3.79	4.49	18.93	52.66	36.31	26.69				
1982	635.39	16.85	8.78	105.08	260.1	13.88	27.38	7.18	6.67	8.22	6.5	66.07	106.68				
1983	356.72	32.42	38.42	39.98	47.85	49.81	18.16	4.22	4.1	10.8	21.32	24	55.63				
1984	475.06	24.49	146.87	76.45	49.4	15.42	23.6	7.13	3.04	5.88	6.86	38.65	74.9				
1985	684.36	36.18	73.66	196.4	142.78	26.98	12.87	6.96	9.92	20.93	41.37	85.15	40.96				
1986	665.17	57.17	24.08	176.62	48.39	34.75	15.36	7.15	6.76	115.44	109.79	31.16	38.87				
1987	390.48	26.12	14.96	117.58	57.4	10.55	8.95	11.79	9.22	4.05	10.9	45.17	73.79				
1988	424.94	31.95	45.29	121.24	49.18	23.87	5.24	3.05	3.8	3.07	30.43	65.86	41.94				
1989	350.91	58.34	21.02	90.72	61.82	19.23	20.08	3.79	3.52	3.57	6.41	64.3	18.11				
1990	587.25	78.6	55.13	97.42	40.66	27.4	12.5	6.58	3.58	4.94	65	89.26	109.18				
1991	509.29	31.41	45.01	171.97	113.74	26.31	9.28	13.04	10.39	3.49	11.6	17.61	55.44				
1992	617.74	51.18	22.99	109.65	80.6	36.65	10.95	13.64	42.25	34.57	25.17	124.11	53.08				
1993	435.76	90.08	16.13	44.86	113.94	18.17	30.73	9.28	4.28	11.61	34.23	27.88	34.59				
1994	330.46	16.85	34.16	68.72	70.93	36.29	11.71	9.36	6.4	3.88	9.55	35.9	38.64				
1995	456.08	78.32	16.92	100.34	45.45	22.51	18.09	9.18	26.69	3.86	11.68	87.11	35.93				
1996	647.22	84.72	65.44	52.57	90.26	60.64	27.41	8.9	3.85	10.54	20.09	50.57	73.03				
1997	517.03	77.61	114.66	126.52	53.83	38.92	11.64	5.31	7.49	13.5	12.76	32.22	22.26				
1998	263.54	83.14	35.11	91.33	29.99	9.74	3.53	1.57	0.98	0.37	0.7	1.33	4.35				
1999	177.11	29.02	38.76	27.74	26.14	9.55	4.87	3.5	0.65	0.5	6.47	11.2	18.21				
2000	422.1	23.64	58.5	37.74	25.58	63.59	58.68	23.19	11.59	17.44	12	40.16	47.99				
2001	516.61	52.42	134.65	60.23	79.38	21.66	16.28	4.93	3.41	4.51	40.38	37.39	60.37				
2002	308.5	45.49	63.22	75.76	49.63	33.5	19.01	5.31	2.29	0.74	3.47	3.65	9.23				
2003	518.09	17.75	29.96	125.84	31.23	55.23	23.14	9.68	23.09	6.93	43.64	85.27	68.33				
2004	513.12	52	45.44	183.2	39.99	61.5	20.59	17.68	5.32	5.35	6.8	25.33	49.92				
	460.37	42.95	46.52	103.51	84.02	33.08	16.00	8.01	9.85	12.03	21.48	38.42	44.49	Average 1962 - 2004			
	460.37	42.95	46.52	103.51	84.02	33.08	16.00	8.01	9.85	12.03	21.48	38.42	44.49	Average1968 - 2004			
	477.18	42.81	43.81	107.60	84.21	32.30	14.63	7.69	10.17	13.64	22.87	40.58	46.26	Average 1968 - 1987			

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1968	176.64	21.86	23.92	28.31	22.42	15.74	6.65	1.74	2.38	5.14	10.11	13.28	25.09				
1969	185.9	22.99	22.68	20.34	52.52	27.75	11.66	4.01	1.59	1.5	1.73	6.14	12.96				
1970	113.29	8.2	8.4	11.06	31.88	14.87	3.77	2.4	2.13	1.74	3.68	7.6	17.55				
1971	122.25	13.4	12.25	29.25	42.08	9.45	5.53	2.09	1.53	0.88	0.68	1.02	6.09				
1972	146.87	11.31	12.9	19	62.33	12.48	6.11	4.51	2.57	1.73	1.84	11.87	18.24				
1973	147.06	30.4	14.82	39.94	21.87	15.65	7.47	2.27	1.39	1.2	1.24	3.51	7				
1974	135.94	14.54	14.07	26.65	31.76	24.27	7.35	3.27	1.33	0.9	1.16	3.28	7.36				
1975	182.53	9.68	12.4	27.08	28.01	13.35	5.08	3.46	5.9	19.44	13.91	16.29	26.93				
1976	248.62	30.93	38.58	76.28	32	20.46	2.26	5.74	2.91	2.84	7.61	10.72	15.18				
1977	188.04	11.48	9.69	35.83	25.78	6.75	2.25	2.69	6.12	10.38	24.72	24.29	26.06				
1978	153.38	19.94	14.64	17.38	42.07	16.58	7.68	3.03	1.97	2.48	6.5	7.34	13.56				
1979	194.06	16.03	11.29	51.75	49.07	20.28	6.01	2.52	2.04	1.27	3.39	11.41	19				
1980	149.25	12.01	8.82	18.23	45.25	7.12	4.53	5.64	4.8	4.65	10.46	13.76	13.96				
1981	143.22	9.16	14.51	29.95	17.91	5.13	5.77	2.38	2.43	6.02	16.31	19.62	14.03				
1982	168.7	11.19	7.91	20.78	70.41	6.02	7.59	4.8	3.41	3.5	4.02	18.96	28.91				
1983	171.7	22.24	18.05	24.53	21.55	14.98	8.62	1.98	1.21	2.16	10.03	17.3	29.05				
1984	163.25	21.91	28.93	27	24.63	7.03	8.23	4.67	2.32	3.35	4.34	12.09	18.84				
1985	271.79	21.4	17.45	71.87	51.63	12.98	7.17	4	3.14	8.89	15.13	32.38	25.64				
1986	243.62	24.76	17.26	34.74	27.03	8	9.51	5.04	3.02	29.11	43.57	19.31	26.25				
1987	161.37	20.92	12	31.81	24.72	8.09	4.69	4.86	4.33	3.4	4.18	13.28	28.89				
1988	155.79	11.41	18.8	30.13	23.74	13.38	3.62	2.56	2.18	1.95	6.7	20.04	16.88				
1989	134.95	23.09	12.58	18.05	28.23	11.18	8.47	2.79	2.27	2.35	3.77	9.77	12.39				
1990	214.68	21.18	26.25	30.35	20.82	7.94	7.08	6.02	2.54	2.61	16.75	29.9	45.04				
1991	187.42	16.27	15.24	48.31	48.01	9.54	6.14	4.05	4.03	3	4.46	7.68	22.59				
1992	261.2	27.37	20.08	32.41	40.28	15.84	6.06	6.71	14.67	15.55	14.79	36.5	31.95				
1993	189.05	25.18	12.84	10.87	35.46	9.86	9.22	5.12	2.58	3.77	16.38	19.58	18.09				
1994	142.38	7.32	8.93	18.99	34.4	19.05	7.44	5.2	4.48	2.81	4.66	10.83	18.27				
1995	166	18.82	13.81	24.96	21.96	13.26	6.31	4.6	5.32	3.09	4.65	26.98	22.24				
1996	229.19	20.13	21.56	30.1	41.13	25.33	13.14	6.2	2.55	2.83	9.16	23.1	24.96				
1997	210.27	31.53	34.23	38.4	31.93	19.52	7.24	3.42	2.32	4.9	4.67	13.24	15.87				
1998	99.92	20.58	16.33	33.4	17.87	4.95	2.45	1.01	0.43	0.3	0.31	0.59	1.7				
1999	75.25	5.54	17.34	15.93	14.64	3.45	2.51	1.53	0.34	0.3	0.79	3.8	9.08				
2000	148.48	11.29	11.19	19.85	14.38	13.04	13.71	9.08	7.49	6.66	8.86	11.81	21.12				
2001	163.7	41.35	42.43	35.48	32.34	9.45	8.34	2.87	1.14	1.9	11.85	26.44	29.5				
2002	168.72	34.22	28.45	40.37	27.81	16.29	9.81	3.43	1.2	0.36	0	0.99	2.79				
2003	204.38	9.11	17.53	27.16	14.27	22.4	12.12	4.97	6	3.34	13.56	37.53	38.79				
2004	192.54	25.37	33.92	41.17	23.49	18.89	13.53	8.03	3.97	2.93	2.87	10.64	7.93				
	175.71	19.04	18.20	30.86	31.72	13.61	7.17	4.01	3.25	4.44	8.44	15.05	19.91	Average 1962 - 2004			
	175.71	19.04	18.20	30.86	31.72	13.61	7.17	4.01	3.25	4.44	8.44	15.05	19.91	Average1968 - 2004			
	178.94	18.57	16.87	30.66	34.30	13.73	6.76	3.91	3.52	4.95	9.15	15.51	20.93	Average 1968 - 1987			

BFI

Year	Year BFI	1	2	3	4	5	6	7	8	9	10	11	12

1968	0.34	0.66	0.23	0.23	0.52	0.54	0.48	0.33	0.11	0.43	0.41	0.29	0.41				
1969	0.39	0.42	0.53	0.26	0.35	0.37	0.64	0.55	0.48	0.99	0.36	0.26	0.69				
1970	0.38	0.73	0.58	0.45	0.24	0.55	0.47	0.2	0.42	0.37	0.41	0.45	0.54				
1971	0.38	0.7	0.47	0.45	0.28	0.57	0.45	0.43	0.49	0.32	0.32	0.28	0.24				
1972	0.36	0.44	0.85	0.4	0.25	0.55	0.25	0.48	0.66	0.69	0.14	0.54	0.34				
1973	0.34	0.34	0.48	0.28	0.43	0.36	0.4	0.47	0.41	0.9	0.5	0.22	0.27				
1974	0.3	0.2	0.43	0.23	0.33	0.27	0.5	0.58	0.68	0.73	0.47	0.22	0.74				
1975	0.32	0.28	0.39	0.34	0.19	0.49	0.38	0.55	0.08	0.48	0.63	0.63	0.39				
1976	0.41	0.72	0.42	0.3	0.48	0.43	0.31	0.29	0.61	0.29	0.52	0.52	0.77				
1977	0.35	0.9	0.77	0.17	0.53	0.63	0.5	0.58	0.2	0.29	0.41	0.45	0.47				
1978	0.42	0.76	0.82	0.36	0.26	0.55	0.55	0.67	0.8	0.34	0.48	0.52	0.67				
1979	0.35	0.5	0.82	0.28	0.35	0.58	0.65	0.51	0.65	0.66	0.34	0.28	0.25				
1980	0.4	0.54	0.92	0.18	0.45	0.3	0.38	0.84	0.7	0.45	0.41	0.79	0.37				
1981	0.36	0.86	0.13	0.54	0.56	0.17	0.6	0.63	0.54	0.32	0.31	0.54	0.53				
1982	0.31	0.59	0.9	0.2	0.27	0.43	0.28	0.67	0.54	0.43	0.63	0.29	0.37				
1983	0.48	0.68	0.47	0.61	0.45	0.3	0.47	0.47	0.3	0.2	0.47	0.51	0.52				
1984	0.34	0.89	0.2	0.34	0.5	0.45	0.35	0.65	0.76	0.55	0.63	0.31	0.25				
1985	0.34	0.59	0.24	0.27	0.36	0.48	0.56	0.57	0.22	0.42	0.27	0.38	0.63				
1986	0.37	0.43	0.72	0.2	0.56	0.23	0.62	0.7	0.45	0.21	0.41	0.62	0.68				
1987	0.41	0.8	0.8	0.27	0.43	0.77	0.52	0.41	0.47	0.89	0.38	0.28	0.38				
1988	0.37	0.36	0.42	0.25	0.48	0.56	0.69	0.68	0.57	0.64	0.22	0.38	0.4				
1989	0.38	0.4	0.6	0.2	0.46	0.58	0.42	0.74	0.64	0.66	0.59	0.22	0.68				
1990	0.37	0.27	0.48	0.31	0.51	0.29	0.57	0.61	0.71	0.53	0.26	0.33	0.42				
1991	0.37	0.52	0.34	0.28	0.4	0.36	0.66	0.31	0.39	0.36	0.38	0.44	0.41				
1992	0.42	0.53	0.61	0.3	0.48	0.43	0.55	0.49	0.35	0.45	0.59	0.29	0.4				
1993	0.39	0.28	0.8	0.24	0.31	0.54	0.3	0.55	0.6	0.32	0.48	0.7	0.52				
1994	0.43	0.43	0.26	0.28	0.48	0.52	0.64	0.56	0.68	0.73	0.49	0.42	0.5				
1995	0.36	0.24	0.82	0.25	0.48	0.58	0.35	0.5	0.2	0.8	0.4	0.31	0.62				
1996	0.42	0.24	0.33	0.57	0.46	0.42	0.48	0.7	0.66	0.27	0.41	0.46	0.49				
1997	0.41	0.4	0.3	0.31	0.59	0.5	0.62	0.64	0.31	0.36	0.52	0.41	0.71				
1998	0.38	0.25	0.46	0.37	0.4	0.51	0.69	0.64	0.44	0.81	0.44	0.44	0.39				
1999	0.42	0.19	0.45	0.57	0.56	0.36	0.52	0.44	0.52	0.4	0.12	0.34	0.5				
2000	0.35	0.48	0.19	0.53	0.56	0.21	0.23	0.39	0.65	0.38	0.74	0.29	0.44				
2001	0.47	0.77	0.31	0.59	0.41	0.46	0.51	0.6	0.34	0.42	0.29	0.71	0.49				
2002	0.55	0.75	0.45	0.53	0.56	0.58	0.52	0.65	0.52	0.49	0	0.27	0.3				
2003	0.39	0.51	0.58	0.22	0.48	0.41	0.52	0.51	0.28	0.48	0.31	0.44	0.54				
2004	0.38	0.49	0.75	0.22	0.59	0.31	0.66	0.45	0.75	0.55	0.42	0.41	0.16				
	0.39	0.52	0.52	0.34	0.46	0.45	0.49	0.54	0.49	0.52	0.41	0.41	0.48	Average 1962 - 2004			
	0.39	0.52	0.52	0.34	0.46	0.45	0.49	0.54	0.49	0.52	0.41	0.41	0.48	Average1968 - 2004			
	0.38	0.52	0.54	0.32	0.41	0.46	0.49	0.55	0.49	0.52	0.43	0.41	0.50	Average 1968 - 1987			

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12

1968	339.2	11.37	81.32	93.25	20.89	13.36	7.27	3.46	18.47	6.89	14.81	32.1	36.01
1969	293.08	31.36	20.61	56.54	98.99	47.75	6.56	3.31	1.7	0.31	3.09	17.4	5.76

1963	1022.9	26.9	38.3	38.8	106	175.7	30.7	30.6	140.2	113.5	69.8	96.2	116.2		
1964	947	44.6	50.9	66.9	27	94.2	92.8	45.2	90.4	102.4	47.4	107	148.2		
1965	1136.4	67.3	136.2	63.5	86.3	103.9	55	81.1	160.8	60.6	84.9	115.6	68.5		
1966	1034.3	47.2	44.4	60.8	64	82.7	107.5	67.1	66.5	278.3	158.7	34.3	72.8		
1967	879.2	49.1	12.9	62.7	61.9	39	64.5	127.1	127.5	73.1	97.1	139.5	60.9		
1968	915.1	42.8	66.4	45.8	84.1	52	9.9	88	56.6	128.4	136.9	131.5	73.7		
1969	905	45.8	28.3	32.7	61.9	108	71	13.7	114.6	121.3	95.6	199.5	61.7		
1970	1151.5	54.8	62.7	53.3	62.8	105.2	130.7	75.8	104.9	137.2	153.7	136.5	88.9		
1971	1112.6	48.2	50.7	94.8	127	95.4	32.3	185.7	110.5	66.1	124.7	100.1	77.5		
1972	1240.8	37.7	50.1	38.1	126.6	100.2	74.2	158	175.5	148.7	62.5	187.5	82.7		
1973	953.7	83.6	16.1	20.8	76	81.4	154.5	111.1	93.6	140	59.5	84.8	32.5		
1974	934.8	48.1	12.8	44.4	145.7	103.7	74.7	102.2	73.8	96.8	69.2	96.8	66.5		
1975	1061.2	78.2	40.8	53.5	100.2	81.5	77.3	95.9	101.1	53.7	142.7	190	46.3		
1976	1119	60.1	53.7	42.9	136.2	102	115.8	93.5	64.3	203.5	76.7	66.8	100.1		
1977	927.8	75.7	86	83	36.7	103.9	46.9	68.4	122	124.1	73.8	68.4	37.9		
1978	727.1	96	22.5	75.7	42.8	51.2	53.1	35	124.5	48.8	26	78	63.5		
1979	822.3	70	53.8	25.1	49.9	67.1	100	65.1	65.9	83.9	69.6	98.3	73.6		
1980	1138.8	36.4	47.8	40.9	58	151.8	180.6	147.6	109.8	133.9	32	98.3	88.9		
2001	1027.1	38.5	97.9	37.9	49.7	123	78.9	51.1	101.2	109.9	156.6	107.1	75.2		
2002	854.3	28.5	95.4	52.2	100.1	67.4	94.9	88.1	49.8	64.9	63.1	76.2	54.7		
2003	931.2	41	40.1	38.7	31.6	113.3	54.4	59.8	110.1	107.6	91.9	166.7	76		
2004	966.4	59.9	22.8	85.2	57	158.3	91.8	112.1	83.7	42.6	67.2	92.6	93.2		
	607.40	48.95	47.21	53.13	73.87	85.67	81.95	80.08	106.21	101.81	81.19	103.85	73.46	Average 1960 - 2004	
	607.40	48.95	47.21	53.13	73.87	85.67	81.95	80.08	106.21	101.81	81.19	103.85	73.46	Average1960 - 2004	
	936.87	48.88	47.94	52.72	76.25	83.34	82.36	79.81	106.65	103.05	81.27	102.65	73.94	Average 1960 - 2002	

Distributed Snowfall Loss

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	187.7	51.9	53.3	22.7	7.6	0	0	0	0	0	2.5	11.5	38.2	
1961	151.1	20.5	7.6	25.3	19	3.8	0	0	0	0	22.8	52.1		
1962	186.7	57.2	41.8	2.6	5.1	0	0	0	0	0	7.6	10.1	62.3	
1963	163.3	42	23.6	12.7	5	0	0	0	0	0	5.1	74.9		
1964	171.5	30.4	33.1	44.5	3.8	0	0	0	0	0	3.8	19	36.9	
1965	191.7	58.8	58.7	23	16.4	0	0	0	0	0	7.6	10.1	15.1	
1966	240.6	66	38.3	26.7	15.2	1.3	0	0	0	0	0	21.3	61.7	
1967	228.7	60.1	44.1	26.8	10.1	0	0	0	0	0	0	52.2	35	
1968	223.1	47.1	29.3	34.1	1	0	0	0	0	0	0	26.5	83.1	
1969	229.7	53.9	36.1	22.4	0	0	0	0	0	0	18.1	38.7	63.5	
1970	226.6	35.4	32	28.5	8.9	0	0	0	0	0	0	22.6	99	
1971	258.7	80.2	51.2	51.3	7	0	0	0	0	0	0	22.7	38.3	
1972	267.1	60	63.1	29.4	15.4	0	0	0	0	0	5	26	68.2	
1973	158.3	32.9	34.5	18.4	2.9	0	0	0	0	0	8.2	61.5		
1974	166.9	26.2	26.8	35.6	1.2	0	0	0	0	0	1.4	21.7	54	
1975	265.4	60.6	58.5	29.7	31.1	0	0	0	0	0	16.2	69.3		
1976	247.6	79.7	21.4	32.6	7.4	0	0	0	0	0	11.4	32	63.1	
1977	166.3	55.1	26.1	5.9	1.4	0	0	0	0	0	0	11.6	66.2	
1978	172.6	75	14.5	14	2	0	0	0	0	0	0	9.5	57.6	
1979	102	18.7	10.5	8.4	18.4	0	0	0	0	0	0	6.9	16.1	
1980	202.2	32.4	40.5	36.2	0.2	0	0	0	0	0	1.1	24.5	67.3	
1981	152.3	25.4	23.8	26.9	0	0	0	0	0	0	20.7	6.8	48.7	
1982	158.9	63	25.5	20	9.3	0	0	0	0	0	0.7	9.2	22.2	
1983	202.2	14.3	8.6	14	1.8	0	0	0	0	0	0	43.8	119.8	
1984	177	68.8	20.4	36.8	0	0	0	0	0	0	0	0	51	
1985	335.2	97.8	106.6	23	13	0	0	0	0	0	0	3	83.8	
1986	185.2	47	37	17	11	0	0	0	0	0	0	22	31.2	
1987	184.7	51.8	15	25.8	7.4	0	0	0	0	0	3.5	42.5	39.1	
1988	192	22	70.9	20.8	1.8	0	0	0	0	0	0.4	4.2	71.9	
1989	192.5	24.1	40.5	20.4	16.8	3	0	0	0	0	2.9	26.9	58.9	
1990	140.8	30.2	23.5	12.7	3	1.2	0	0	0	0	0	21.4	48.8	
1991	236.5	70.5	51.3	17.5	6.1	0	0	0	0	0	0	24.8	69.3	
1992	166.5	34.8	29.1	14.8	3.2	0	0	0	0	0	4.3	17	66.2	
1993	163.5	57.9	30.7	22.3	1.7	0	0	0	0	0	1.8	19.5	29.6	
1994	171.6	48.5	25.3	28.6	7.3	0	0	0	0	0	0	18.9	43	
1995	267.1	73.9	53.7	18.5	8.2	0	0	0	0	0	0	68.6	64	
1996	235.2	44.5	25.2	47.8	8	0	0	0	0	0	0	35.8	63.9	
1997	226.2	78.7	20.1	60.9	4	0	0	0	0	0	17.8	16.7	28	
1998	124.9	28.5	1.3	48.8	0	0	0	0	0	0	0	4.7	30.6	
1999	223.7	87.4	13.9	28.1	3.2	0	0	0	0	0	0	28.5	51.6	
2000	280.4	34	32.8	11.2	13	0	0	0	0	0	0	53.4	136	
2001	200	26.1	37.6	43	5.4	0	0	0	0	0	8.9	4.6	63	
2002	127.7	49	37.9	34.4	10.5	1.2	0	0	0	0	0	28.8	54.9	
2003	226.1	75.7	35.2	26.7	6.4	0	0	0	0	0	0	37.3	44.8	
2004	260	106.8	18.2	30.8	3.1	0	0	0	0	0	0	10.1	91	
	201.08	52.02	34.18	26.66	7.21	0.23	0.00	0.00	0.00	0.00	2.66	22.51	57.62	Average 1960 - 2004
	201.08	52.02	34.18	26.66	7.21	0.23	0.00	0.00	0.00	0.00	2.66	22.51	57.62	Average1960 - 2004
	201.23	50.22	34.51	26.56	7.32	0.24	0.00	0.00	0.00	0.00	2.78	22.46	57.14	Average 1960 - 2002

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	284.99	28.61	15.75	47.74	200.64	67.12	8.89	0.82	0.41	0.64	0.53	2.62	1.02	
1961	213.8	3.62	14.92	49.48	33.29	21.64	9.41	22.9	3.66	3.09	1.15	15.28	38.36	
1962	207.7	12.42	5.33	112.08	49.4	5.06	3.47	2.32	1.27	1.18	1.44	4.61	9.12	
1963	163.27	3.62	2.47	96.57	39.16	24.41	4.89	1.27	1.1	1.05	1.82	3.38	1.73	
1964	233.84	16.87	8.62	83.47	56.06	12.74	1.64	0.85	11.58	2.51	4.65	3.58	31.29	
1965	553.33	13.08	84.54	40.02	117.12	26.28	1.77	2.32	11.59	7.42	89.76	58.98	98.45	
1966	324.28	21.53	33.99	86.5	41.46	16.58	29.75	1.84	1.15	2.03	1.54	14.88	73.02	
1967	543.02	54.74	14.55	85.2	98.52	14.37	44.38	23.66	3.51	6.71	49.26	79.14	68.78	
1968	441.73	12.83	87.31	102.85	33.7	13.04	3	2.47	23.25	16.29	49.77	60.61	45.61	
1969	407.6	42.59	33.1	95.69	155.35	57.14	6.25	2.03	1.93	3.6	2.65	14.05	8.22	
1970	252.87	4.38	6.14	16.42	156.73	15.84	3.78	6.01	1.36	1.35	3.45	10.13	26.48	
1971	263.58	9.41	8.87	46.41	169.32	7.7	3.53	1.88	1.49	1.37	1.47	1.9	10.54	
1972	367.76	13.49	6.08	31.27	214.51	11.31	4.45	5.47	1.7	1.75	9.75	18.28	49.72	
1973	360.84	75.75	24.02	144.04	32.88	16.23	6.89	2.34	1.03	1.58	1.63	14.27	35.1	
1974	414.62	70.29	22.77	106.25	108.88	87.38	6.45	1.49	0.94	0.75	1.04	5.99	3.18	
1975	477.84	25.14	22.56	68.13	142.25	14.22	5.79	1.63	48.26	38.24	19.5	27.08	88.09	
1976	486.93	14.17	73.6	224.7	62.03	27.52	5.31	14.48	2.27	5.85	61.43	22.65	10.84	
1977	428.52	4.95	3.93	182.07	30.77	3.68	2.97	2.6	14.97	36.07	52.45	45.29	48.76	
1978	243.86	15.95	7.72	41.96	189.71	22.29	9.1	1.7	1.17	10.08	11.22	12.3	19.88	
1979	555.79	52.55	6.11	204.54	135.14	17.54	2.18	2.26	1.18	1.39	4.18	48.63	82.09	
1980	284.52	24.71	3.93	106.32	74.39	11.58	3.62	1.88	1.15	1.54	9.27	9.86	38.15	
1981	312.56	5.54	124.13	31.32	19.36	14.73	2.8	1.14	2.46	10.39	52.8	26.7	19.19	
1982	495.8	7.88	2.45	94.96	115.41	6.57	27.83	4.31	6.88	7.46	7.39	92.81	111.85	
1983	293.98	20.53	29.73	36.43	36.71	56.74	12.1	1.31	1.57	11.28	17.77	33.01	36.8	
1984	383.76	9.82	145.48	72.31	34.39	7.78	9.03	2.04	1.27	2.27	2.24	25.79	71.24	
1985	633.94	17.79	78.05	165.2	108.66	11.17	6.91	2.92	8.51	12.04	20.83	76.1	126.36	
1986	616.26	41.12	10.17	154.42	28.27	21.87	8.03	1.47	13.66	205.03	92.41	19.08	23.14	
1987	315.69	17.02	5.83	101.63	43.86	5.14	4.85	12.37	4.69	1.09	9.33	47.21	64.47	
1988	321.98	28.37	32.28	102.66	35.54	17.66	1.55	1.01	0.87	2.41	17.35	50.9	31.19	
1989	252.86	41.63	14.29	95.71	57.94	11.08	6.84	0.68	1.14	1.32	1.62	24.25	6.73	
1990	334.54	56.82	95.76	95.55	30.91	16.05	7.64	3.11	2.48	4.51	81.9	65.73	90.79	
1991	446.92	20.49	41.48	163.1	117.27	18.35	3.57	7.19	3.74	1.04	6.53	16.04	48.13	
1992	615.11	42.49	14.88	110.62	90.95	45.07	3.01	15.3	49.29	34.09	23.26	147.46	54.49	
1993	414.92	96.22	7.18	56.37	108.91	9.66	53.55	5.32	1.66	6.27	19.33	22.08	26.75	
1994	287.41	9.3	30.47	74.37	68.49	34.28	8.32	9.78	3.18	1.8	1.87	12.25	28.09	
1995	422.54	84.34	8.81	88.64	34.67	18.93	14.86	1.67	21.25	1.96	9.29	101.21	30.89	
1996	553.98	93.4	75.3	88.26	109.94	56.63	23.33	7.14	4.05	12.98	18.59	38.9	71.37	
1997	526.53	61.42	113.27	117.7	62.48	28.84	9.91	16.62	13.77	29.53	23.34	91.46	22.39	
1998	263.09	85.11	33.22	88.58	22.63	7.82	6.86	1.7	3.6	2.65	6.43	2.94	3.77	
1999	153.05	9.18	85.08	24.88	20.98	7.05	4.83	8.94	2.48	2.43	3.33	11.07	22.8	
2000	427.05	20.58	38.1	32.23	31.72	66.15	110.83	16.58	13.4	18.67	7.37	26.98	26.03	
2001	468.91	17.84	112.31	60.31	66.94	26.73	21.77	9.48	4.71	4.53	28.14	31.24	55.83	
2002	294.54	21.73	70.91	73.08	50.18	28.8	14.33	5.53	2.15	2.27	2.84	4.69	8.03	
2003	416.19	7.28	4.7	105.35	34.53	34.66	13.58	12.54	17.23	7.28	30.45	83.88	69.69	
2004	443.83	28.89	8.24	170.04	30.39	67.89	15.61	22.31	12.42	8.67	11.35	19.92	47.9	
	392.41	30.60	35.30	91.38	77.83	25.37	12.62	6.35	7.38	11.94	17.97	34.39	41.27	Average 1960 - 2004
	392.41	30.60	35.30	91.38	77.83	25.37	12.62	6.35	7.38	11.94	17.97	34.39	41.27	Average1960 - 2004
	390.66	31.18	36.64	88.35	79.94	24.17	12.53	6.63	7.03	12.12	17.84	33.57	40.49	Average 1960 - 2002

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	105.23	21.94	17.6	9.35	36.95	15.36	1.57	0.47	0.31	0.3	0.17	0.45	0.76	
1961	54.8	0.62	0.9	13.27	16.92	3.17	0.81	1.57	2.69	1.45	0.62	2.46	11.32	
1962	49.38	4.52	2.96	9.2	21.91	2.8	1.15	0.83	0.83	0.64	0.36	1.01	3.17	
1963	38.34	2.55	1.82	5.14	13.47	9.59	1.18	0.35	0.5	0.6	0.49	1.39	1.26	
1964	54.21	2.46	4.51	19.04	11.37	4.87	0.65	0.31	0.93	0.88	0.7	1.6	6.89	
1965	122.21	6.04	8.46	7.87	23.55	9.4	0.64	0.75	1.4	1.4	14.24	23.72	25.64	
1966	84.79	7.23	5.9	24.57	20.53	6.42	3.2	0.91	0.62	0.92	1.03	3.02	10.44	
1967	140.4	9.27	8.61	10.45	27.07	6.15	6.34	8.74	1.96	1.49	10.14	20.69	19.54	
1968	98.25	6.77	8.32	15.27	11.24	1.76	0.79	1.42	2.83	4.8	10.62	11.15	17.18	
1969	103.9	11.04	12.16	12.88	34.98	14.31	3.79	1.02	1.56	2.01	1.91	3.06	5.79	
1970	63.46	3.31	3.27	5.27	23.86	6.31	2.58	2.6	0.52	0.49	1.45	3.14	10.46	
1971	69.17	6.07	6.66	15.68	30	3.87	1.46	0.62	0.75	0.9	1.01	1.26	3.09	
1972	92.93	5.94	5.26	9.3	33	5.26	1.13	2.6	1.25	1.2	2.05	8.82	17.12	
1973	94.02	18.52	7.78	30.47	14.41	9.51	2.49	0.87	0.43	0.97	1.24	2.33	4.77	
1974	83.75	8.9	6.98	15.11	25.38	17.98	3.78	0.75	0.39	0.3	0.49	1.38	2.39	
1975	101.08	4.7	5.83	16.12	17.25	5.82	1.54	0.69	2.31	9.12	9.98	11.46	19.26	
1976	140.17	12.1	20.28	52.28	20	12.62	1.13	1.32	0.91	1.55	3.69	6.69	7.29	
1977	92.15	4.38	3.64	16.14	12.62	2.18	1.15	0.89	1.65	3.6	15.88	12.83	16.99	
1978	90.45	12.05	6.05	8.77	34.35	7.66	3.29	0.83	0.33	1.2	3.21	3.3	9.41	
1979	110.53	7.1	2.64	42.65	27.94	7.02	1.16	0.85	0.51	0.51	1.28	4.72	14.15	
1980	76.36	8.27	3.22	13.54	29.52	5.43	1.88	1.01	0.7	0.6	1.62	5.46	7.88	
1981	74.05	4.39	10.17	15.55	9.02	4.57	1.08	0.65	0.63	1.97	9.71	8.79	7.52	
1982	111.43	4.18	1.94	9.66	32.3	3.65	4.44	1.78	1.46	1.33	4.25	19.76	26.68	
1983	106.36	10.62	7.9	17.17	16.14	14.53	4.58	0.51	0.31	0.99	5.27	12.29	16.05	
1984	80.08	7.36	15.33	16.29	14.76	3.68	3.16	1.18	0.62	0.98	1.38	5.92	11.44	
1985	162.7	8.19	5.97	46.58	29.11	3.94	2.39	0.67	0.63	3.04	4.93	21.62	35.43	
1986	146.3	12.72	7	22.68	15.25	4.36	3.63	0.65	0.61	23.46	30.32	10.64	14.58	
1987	84.79	10.84	4.16	19	15.19	3.36	1.6	1.65	0.92	0.53	1.07	6.61	19.86	
1988	81.28	5.73	10.08	15.64	18.48	6.03	0.76	0.32	0.46	0.65	2.25	14.12	8.47	
1989	63.94	11.89	5.24	9.12	20.84	5.78	2.48	0.17	0.31	0.3	0.49	3.29	3.83	
1990	143.1	10.75	15.07	18.12	14.48	4.78	3.63	0.96	0.88	1.76	34.32	23.79	10.57	
1991	113.99	9.83	9.51	23.88	26.96	5.29	1.35	0.61	0.65	0.61	1.53	3.5	10.37	
1992	167.12	16.72	8.58	16.63	30.59	10.95	1.16	2.05	8.22	10.77	9.58	24.75	24.41	
1993	96.27	16.87	5.94	5.71	25.4	6.41	5.8	2.24	0.72	1.35	5.03	9.51	11.99	
1994	92.18	2.93	7.13	16.62	25.69	17.63	3.93	2.94	1.85	0.59	0.63	2.98	9.06	
1995	106.4	12.64	6.18	14.63	11.08	9.78	3.55	1.65	2.55	1.11	2.4	24.75	14.88	
1996	154.4	9	10.84	19.06	33.44	17.63	6.97	4.51	2.46	2.68	6.28	16.55	24.98	
1997	148.26	20.4	15.77	22.53	20.66	12.21	3.61	3.13	3.08	6.39	8.14	17.16	15.38	
1998	82.8	15.24	11.76	27.33	13.31	5.15	2.95	0.43	1.2	0.87	2.47	0.67	1.4	
1999	53.67	1.79	8.93	8.73	10.09	2.02	2.42	1.77	1.43	1.16	1.58	3.77	6.99	
2000	110.55	4.9	3.33	16.49	13.38	12.51	10.63	12.08	7.65	6.1	5.37	8.09	9.62	
2001	146.44	14.15	20.24	25.26	24.5	5.88	11.48	4.49	2.61	1.22	5.24	12.43	16.72	
2002	112.79	18.21	17.95	27.8	18.08	13.27	6.37	1.81	1.23	0.87	1.52	2.7	3.08	
2003	132.31	4.38	3.32	9.88	15.85	12.33	8.2	8.03	6.43	3.48	9.6	24.26	24.43	
2004	119.58	12.42	6.36	22.2	14.56	16.14	9.11	12.29	9.2	5.26	5.8	6.18	0.06	

1971	0.24	0.07	0.05	0.72	3.84	0.16	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.07	
1972	0.31	0.13	0.02	0.28	3.06	0.17	0.03	0.06	0.01	0.01	0.06	0.13	0.29		
1973	0.26	1.27	0.36	1.01	0.38	0.2	0.05	0.02	0.01	0.01	0.01	0.09	0.38		
1974	0.37	0.82	0.26	1.51	0.74	0.45	0.05	0.02	0.02	0.01	0.01	0.03	0.02		
1975	0.37	0.35	0.22	1.65	2.32	0.22	0.05	0.01	0.18	0.33	0.27	0.16	0.7		
1976	0.35	0.11	0.92	1.7	0.36	0.28	0.05	0.12	0.02	0.04	0.08	0.26	0.09		
1977	0.37	0.03	0	2.51	0.39	0.06	0.02	0.03	0.07	0.2	0.68	0.33	0.58		
1978	0.31	0.07	0.2	0.81	2.94	0.24	0.13	0.02	0.01	0.05	0.13	0.12	0.13		
1979	0.48	1.61	0.06	2.55	1.05	0.12	0.02	0.02	0.01	0.01	0.03	0.28	1.08		
1980	0.23	0.47	0.02	1.38	0.46	0.1	0.01	0.02	0.01	0.01	0.07	0.07	0.13		
1981	0.26	0.09	2.17	0.44	0.15	0.12	0.02	0.01	0.01	0.07	0.35	0.35	0.27		
1982	0.38	0.08	0.03	1.22	1.25	0.04	0.27	0.03	0.03	0.05	0.07	0.54	0.81		
1983	0.18	0.37	0.57	0.5	0.19	0.24	0.25	0.03	0.01	0.08	0.14	0.22	0.18		
1984	0.32	0.05	2.04	0.84	0.52	0.04	0.06	0.02	0.01	0.01	0.01	0.16	0.4		
1985	0.41	0.14	0.53	1.42	0.88	0.07	0.08	0.03	0.04	0.15	0.19	0.47	1.33		
1986	0.46	0.4	0.07	2.16	0.2	0.21	0.04	0.01	0.2	0.65	0.57	0.25	0.12		
1987	0.26	0.13	0.13	1.32	0.68	0.11	0.05	0.08	0.03	0.01	0.05	0.29	0.74		
1988	0.26	0.53	0.33	1.9	0.22	0.22	0.08	0.01	0.01	0.01	0.11	0.26	0.31		
1989	0.21	0.65	0.32	2.34	0.59	0.05	0.06	0.02	0.01	0.01	0.01	0.11	0.07		
1990	0.34	0.84	0.51	1.45	0.26	0.11	0.03	0.02	0.02	0.02	0.01	0.53	0.64		
1991	0.3	0.22	0.63	1.37	0.67	0.14	0.07	0.04	0.03	0.01	0.04	0.13	0.42		
1992	0.37	0.63	0.13	2.6	0.48	0.34	0.02	0.08	0.23	0.16	0.23	0.65	0.36		
1993	0.33	0.95	0.08	2.46	1.1	0.04	0.31	0.03	0.01	0.04	0.24	0.15	0.54		
1994	0.21	0.13	2.23	1.3	0.3	0.16	0.06	0.07	0.02	0.01	0.02	0.09	0.29		
1995	0.3	0.92	0.06	1.4	0.24	0.11	0.15	0.04	0.2	0.02	0.04	0.4	0.35		
1996	0.36	1.38	1.13	0.68	0.54	0.38	0.14	0.01	0.03	0.06	0.16	0.32	0.46		
1997	0.41	0.54	1.13	1.15	0.59	0.16	0.11	0.19	0.09	0.19	0.21	0.48	0.19		
1998	0.35	0.81	0.95	0.8	0.22	0.05	0.07	0.04	0.02	0.04	0.07	0.03	0.04		
1999	0.12	0.11	0.48	0.64	0.22	0.08	0.02	0.11	0.02	0.02	0.02	0.07	0.22		
2000	0.26	0.43	0.73	0.38	0.32	0.34	0.53	0.08	0.05	0.1	0.06	0.29	0.19		
2001	0.31	0.1	0.94	0.63	1.44	0.17	0.13	0.1	0.02	0.03	0.15	0.18	0.49		
2002	0.21	0.35	0.62	0.65	0.32	0.18	0.08	0.04	0.02	0.02	0.02	0.03	0.09		
2003	0.31	0.07	0.02	2.53	0.59	0.2	0.1	0.08	0.1	0.03	0.23	0.36	0.6		
2004	0.34	0.28	0.08	1.73	0.26	0.33	0.07	0.09	0.04	0.08	0.08	0.15	0.51		
	0.31	0.40	0.53	2.17	0.84	0.18	0.09	0.05	0.04	0.06	0.14	0.22	0.37	Average 1960 - 2004	
	0.31	0.40	0.53	2.17	0.84	0.18	0.09	0.05	0.04	0.06	0.14	0.22	0.37	Average1960 - 2004	
	0.31	0.41	0.55	2.18	0.86	0.18	0.09	0.05	0.04	0.07	0.14	0.22	0.36	Average 1960 - 2002	

Ethel Note Grewal area derived from BRFU occasional streamflow data. Hedat data 1984 to 1997

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	715.96	58.98	53.05	26.29	83.25	125.14	75.62	36.86	53.37	18.68	58.12	103.19	27.42	
1961	862.17	11.36	36.2	37.76	66.07	69.11	134.8	126.37	62.36	91.11	36.43	79.02	88.58	
1962	613.7	39.85	36.47	3.11	50.45	32.5	81.55	51.27	82.3	66.3	77.93	56.94	45.03	
1963	644.14	17.02	14.37	42.26	69.84	77.55	52.8	81.46	69.64	72.68	19.96	94.92	51.84	
1964	632.41	57.4	28.06	73.06	64.03	88.95	41.47	104.24	163.88	39.3	40.95	39.14	71.75	
1965	985.66	65.25	41.15	18.46	49.48	79.52	27.13	106.95	137.42	115.57	159.59	91.35	83.79	
1966	939.3	45	67.73	70.31	55.8	85.33	105.38	16.38	113.41	94.65	37.82	151.07	98.44	
1967	1052.88	50.96	46.36	26.13	114.68	84.55	191.72	68.38	101.96	96.3	108.46	103.64	98.74	
1968	987.79	59.59	55.12	51.58	39.69	51.74	76.83	65.61	179.69	133.38	68.98	123.89	92.19	
1969	891.63	70.26	39.97	42.96	106.5	101.7	61.43	95.23	50.27	23.23	94.86	151.83	64.1	
1970	942.6	27.79	26.24	45.58	88.44	94.58	55.47	122.15	59.12	146.22	113.22	69.89	94.19	
1971	827.75	54.94	92.66	43.76	38.91	24.37	81.1	123.81	108.89	45.33	35.96	50.27	109.35	
1972	908.53	64.79	49	77.71	60.38	37.14	99.39	48.7	52.88	94.65	133.3	72.79	117.8	
1973	938.8	47.46	46.09	113.61	48.17	108.08	85.9	59.95	80.56	52.89	83.24	135.54	76.62	
1974	897.57	78.35	62.27	60.65	112.09	152.08	59.31	35.17	26.42	68.87	43.04	140.86	58.36	
1975	1023.92	87.49	77.75	51.17	57.2	38.66	91.88	80.49	234.88	81.09	46.08	100	77.04	
1976	1013.5	67.39	58.59	103.78	116.34	87.16	80.13	113.23	61.77	117.17	101.12	62.03	44.79	
1977	925.22	24.96	64.56	65.96	46.92	23.84	86.51	59.03	176.38	164.51	54.79	90.72	59.02	
1978	822.43	65.48	9	41.59	52.73	60.2	43.38	38.84	90.27	188.56	65.65	79.64	87.09	
1979	932.73	34.1	24.9	63.83	104.36	87.4	58.73	77.49	79.46	58.92	122.17	155.27	68	
1980	907.32	39.91	32.58	69.84	96.68	62.34	116.4	60.09	64.96	155.99	104.44	62.46	89.61	
1981	938.92	14.37	54.63	38.29	71.18	81.42	68.67	75.23	179.22	127.37	126.13	58.13	47.28	
1982	1028.65	46.15	18.36	71.96	65.71	73.12	90.77	77.21	172.97	117.3	47.54	136.83	110.63	
1983	1036.2	20.7	39.91	26.04	105.42	171.78	31.96	25.21	136.79	133.62	90.89	98.45	123.24	
1984	964.22	49.75	62.09	68.01	27.74	94.84	91.96	45.6	91.87	103.93	67.26	107.32	152.85	
1985	1154.3	75.64	139.75	85.56	88.19	105.45	55.47	81.26	186.49	62.69	88.12	115.99	74.59	
1986	1053.91	50.52	45.52	61.31	65.48	80.64	107.81	67.96	70.49	277.57	112.52	36.31	77.79	
1987	894.37	51.39	14.34	63.22	42.55	26.02	43.5	125.69	123.86	73.5	102.2	143.6	66.4	
1988	931.23	46.22	69.24	46.62	82.79	52.13	9.66	66.25	58.28	127.37	164.51	130.51	77.66	
1989	811.49	55.11	29.92	23.52	63.06	109.19	69.36	13.66	111.59	102.25	96.88	186.35	46.09	
1990	1165.07	58.43	63.88	53.56	63.19	106.1	131.67	75.9	103.02	136.77	139.29	136.74	96.31	
1991	1139.01	53.76	52.61	94.97	135.49	93.68	32.87	182.13	107.08	90.65	128.33	99.96	91.68	
1992	1208.6	43.98	52.27	36.73	126.5	96.57	74.03	158.77	175.18	147.28	64.35	182.82	96.11	
1993	956.39	90.45	18	20.65	75.69	76.48	153.67	109.23	90.74	139.68	60.74	84.66	34.1	
1994	936.84	63.94	11.39	45.38	139.02	101.07	77.3	100.65	71.52	96.17	70.87	86.58	68.94	
1995	1065.45	85.48	41.24	53.5	99.89	80.34	76.74	94.42	97.04	52.73	142.95	192.67	48.45	
1996	1139.72	60.07	54.81	43.1	135.43	101.03	118.63	92.71	62.25	211.68	77.41	73.9	103.7	
1997	985.64	83.41	87.17	83.81	36.74	104	47.11	89.43	119.79	120.87	79.77	69.63	38.71	
1998	714.64	91.63	23.21	76.63	42.19	50.07	51.46	37.5	121.6	47.2	27.65	77.27	66.93	
1999	830.93	76.57	54.42	26.33	52.18	66.58	97.18	64.13	64.24	83.77	70.08	89.24	76.23	
2000	1162	40.16	49.55	41.5	59.46	153.55	180.59	153	103.67	135.52	32.43	98.19	94.72	
2001	1038.72	42.8	99.81	38.14	50.16	118.25	78.14	49.28	97.68	111.74	158.02	106.47	77.21	
2002	865.45	43.96	66.56	54.14	98.52	88.55	93.03	88.04	47.18	64.4	63.64	79.14	67.27	
2003	943.52	49.6	81.44	39.64	34.22	112.04	56.13	59.9	104.98	108.99	93.93	145.81	79.94	
2004	975.26	60.48	23.84	86.38	56.08	158.46	90.14	112.69	80.29	42.15	68.38	91.41	97.78	
	947.36	54.07	49.56	54.10	74.14	84.53	81.49	80.08	103.57	101.48	83.62	104.26	77.47	Average 1960 - 2004
	989.16	60.60	52.97	55.05	74.93	93.82	84.58	88.96	99.22	110.09	89.97	113.13	76.36	Average1984 - 2004
	1033.71	61.37	52.43	56.52	84.41	87.47	79.22	93.12	104.55	122.72	98.16	118.43	75.31	Average 1984 - 1997

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	198.29	56.99	55.37	23.38	7.79	0	0	0	0	0	3.76	12.57	38.43	
1961	156.74	22.47	8.14	25.01	19.47	4.62	0	0	0	0	0	24.1	52.93	
1962	197.85	61.47	43.26	2.43	5.1	0	0	0	0	0	9.9	10.03	65.04	
1963	174.04	44.63	35.72	12.49	5	0	0	0	0	0	0	5.99	70.2	
1964	181.26	33.39	16.98	45.47	4.39	0	0	0	0	0	4.66	20.21	38.16	
1965	206.3	67.24	62.19	24.4	17.64	0	0	0	0	0	7.76	11.04	15.91	
1966	261.49	76.27	39.56	27.88	16.54	1.58	0	0	0	0	0	33.56	96.1	
1967	243.46	65.43	46.88	31.14	10.07	0	0	0	0	0	0	54.12	35.82	
1968	239.46	52.99	32.87	35.02	1.16	0	0	0	0	0	0	30.14	87.28	
1969	246.48	58.97	38.24	23.95	0	0	0	0	0	0	39.11	42.18	65.03	
1970	239.13	39.14	34.13	29.06	9.97	0	0	0	0	0	0	24.95	101.88	
1971	272.67	88.08	54.61	56.14	7.36	0	0	0	0	0	0	24.2	38.24	
1972	283.31	67.04	66.13	28.94	15.95	0	0	0	0	0	5.88	29.65	68.73	
1973	169.96	36.17	36.49	20.15	2.95	0	0	0	0	0	0	9.93	64.27	
1974	177.34	29.73	29.27	35.44	1.64	0.06	0	0	0	0	1.62	22.28	57.08	
1975	279.61	65.17	60.58	31.09	32.78	0	0	0	0	0	0	16.97	73.02	
1976	273.09	90.28	22.74	34.18	8.01	0.11	0	0	0	0	11.94	36.35	69.48	
1977	164.18	62.41	27.79	6.68	2.75	0	0	0	0	0	0	13.55	70.7	
1978	190.29	88.7	15.52	14.05	2.08	0	0	0	0	0	0	10.07	61.86	
1979	118.11	48.07	10.87	9.33	20.81	0	0	0	0	0	0.14	11.05	17.84	
1980	215.13	38.16	42.67	37.73	0.53	0	0	0	0	0	1.19	24.66	70.17	
1981	164.9	29.42	25.66	28.1	0.02	0	0	0	0	0	33.78	7.55	51.47	
1982	176.81	73.59	27.22	30.72	10.38	0	0	0	0	0	0.77	9.97	24.16	
1983	215.15	18.01	9.5	14.81	2.42	0	0	0	0	0	0	44.66	125.74	
1984	186.38	75.42	81.78	38.58	0.06	0.91	0	0	0	0	0	0.02	52.1	
1985	261.01	110.37	113.06	24.58	13.92	0	0	0	0	0	0	8.44	91.14	
1986	177.8	51.27	38.47	18.76	11.71	0	0	0	0	0	0	23.4	33.79	
1987	187.61	58.03	16.1	26.08	7.79	0	0	0	0	0	4.42	44.7	40.48	
1988	207.35	26.15	76.13	21.71	1.98	0	0	0	0	0	1	4.98	75.38	
1989	209.07	27.02	42.98	20.04	18.4	4.38	0	0	0	0	2.97	29.22	64.08	
1990	162.07	33.47	24.77	12.68	3.32	2.3	0	0	0	0	0.32	22.28	62.93	
1991	253.29	77.1	54.18	17.24	6.34	0	0	0	0	0	0	25.87	72.36	
1992	179.98	40.54	29.87	15.86	3.39	0	0	0	0	0	5.44	17.73	68.96	
1993	174.66	62.73	34.23	22.68	2.11	0	0	0	0	0	1.84	20.1	30.77	
1994	184.27	57.77	26.75	28.62	7.98	0	0	0	0	0	0	16.36	43.47	
1995	201.95	80.29	56.13	18.44	8.87	0	0	0	0	0	0	72.21	65.99	
1996	235.65	48.04	25.98	47.91	8.35	0	0	0	0	0	0	39.91	65.39	
1997	242.27	87.59	20.62	58.8	4.2	0	0	0	0	0	20.91	20.26	28.85	
1998	131.48	42.48	1.27	51.43	0	0	0	0	0	0	0	4.76	31.54	
1999	237.57	98.3	14.07	29.32	3.19	0	0	0	0	0	0	39.78	51.91	
2000	293.48	36.49	33.79	11.4	13.52	0	0	0	0	0	0	54.08	142	
2001	206.46	39.95	38.35	42.83	5.96	0	0	0	0	0	9.13	6.56	63.65	
2002	238.43	53.63	39.16	34.64	11.08	5.46	0	0	0	0	0.02	41.94	56.49	
2003	241.11	84.53	27.35	28.03	6.99	0	0	0	0	0	0.52	37.66	46.03	
2004	278.4	120.65	19.53	31.17	3.12	0	0	0	0	0	0	10.27	93.66	
	216.90	58.42	35.96	27.36	7.72	0.34	0.00	0.00	0.00	0.00	3.01	23.87	60.23	Average 1960 - 2004
	223.69	62.62	36.41	28.66	8.76	0.43	0.00	0.00	0.00	0.00	3.23	25.94	60.43	Average1984 - 2004
	219.03	56.71	61.50	26.63	7.03	0.54	0.00	0.00	0.00	0.00	2.65	24.98	55.98	Average 1984 - 1997

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1984	480.67	10.2	158.14	90.11	40.07	10.03	17.3	1.99	0.89	5.52	2.63	43.65	90.64
1985	649.79	23.62	49.02	211.63	122.44	10.84	6.63	2.28	33.2	30.53	34.23	85.78	39.29
1986	663.43	29.68	12.53	178.04	35.86	21	10.56	2.28	24.07	176.7	116.04	23.07	32.4
1987	427.64	17.07	6.09	119.57	49.77	4.19	4.55	49.29	20.03	2.16	13.65	58.35	62.73
1988	368.58	31.15	35.09	117.04	37.73	15.21	1.5	0.58	0.48	1.9	26.63	63.76	28.52
1989	280.02	49.51	16.04	77.48	63.61	9.11	14.22	1.45	1.27	1.34	2.46	34.77	8.76

	3.26	0.37	0.37	0.26	0.37	0.37	0.40	0.38	0.35	0.44	0.38	0.29	0.36	Average1984 - 2004
	0.26	0.35	0.40	0.21	0.36	0.42	0.35	0.38	0.34	0.40	0.31	0.28	0.41	Average 1984 - 1997

Runoff

Year	Year.RF	1	2	3	4	5	6	7	8	9	10	11	12	
1984	259.52	2.39	141.35	62.79	22.5	5.14	13.58	0.81	0.53	3.92	1.34	33.85	71.31	
1985	470.74	15.76	84.88	150.63	88.15	6	3.91	1.35	31.55	22.27	24.81	83.14	25.12	
1986	496.8	18.41	4.62	152.18	17.2	17.1	6.92	0.53	22.6	149.26	81.15	11.38	13.48	
1987	310.02	6.18	0.37	92.76	32.26	1.73	3.48	44.32	14.38	0.61	11.38	45.58	55	
1988	271.74	24.05	23.44	97.3	20.18	9.13	0.68	0.31	0.3	1.46	21.78	44.78	28.32	
1989	206.75	35.38	10.89	68.24	41.65	3.48	10.22	0.52	0.65	0.64	1.15	28.97	3.97	
1990	396.45	51.49	36.65	68.87	18.8	10.96	5.5	3.95	1.3	2.93	71.12	68.8	53.09	
1991	370.87	17.32	45.21	133.52	77.57	10.39	1.35	14.2	3.21	0.27	7.56	17.96	42.31	
1992	479.31	29.15	18.35	94.72	62.17	16.38	5.17	27.07	36.45	29.34	21.71	109.7	26.09	
1993	284.51	76	0.95	23.52	78.74	3.11	36.91	2.42	0.75	10.11	18.21	16.87	16.92	
1994	216.84	3.05	18.86	69.58	68.29	16.27	4.26	14.34	1.16	0.47	0.85	8.57	20.04	
1995	338.74	74.46	1.76	91.27	27.47	10.61	8.17	2.54	22.43	0.27	4.82	78.27	17.47	
1996	416.88	63.29	53.65	31.58	81.63	40.55	34.07	3.76	0.68	10.91	14.98	28.81	52.17	
1997	406.79	57.78	124	95.44	20.03	22.29	4.02	6.66	6.99	17.27	10.84	33.26	8.21	
1998	201.39	71.76	28.02	68.13	8.74	3.69	2.48	2.16	2.91	2	2.75	4.26	3.3	
1999	147.38	12.61	50.61	14.38	20.4	8.55	4.97	5.64	2.13	1.63	2.19	6.07	17.99	
2000	243.87	16.65	34.33	14.78	19.01	79.58	70.15	15.04	15.28	17.64	3.6	33.91	23.99	
2001	323.86	6.72	103.35	47.54	62.56	14.54	7.85	2.11	0.5	1	26.81	17.16	36.6	
2002	207.36	15.42	57.15	44.01	43.84	16.87	6.47	1.39	1.69	4.26	0.74	2.24	10.38	
2003	302.1	7.21	8.11	96.72	22.85	27.64	3.58	2.45	4.29	1.52	18.75	63.12	45.83	
2004	306.74	18.62	3.23	159.11	16.34	55	10.33	7.24	3.86	1.68	3.82	14.58	62.71	
	326.51	29.80	38.42	79.94	45.43	18.53	11.63	7.61	8.37	13.31	16.68	24.73	29.07	Average 1960 - 2004
	326.51	29.80	38.42	79.94	45.43	18.53	11.63	7.61	8.37	13.31	16.68	24.73	29.07	Average1984 - 2004
	259.71	34.05	37.50	88.14	46.77	12.80	9.88	8.84	10.27	17.84	20.84	42.00	30.69	Average 1984 - 1997

RI

Year	Year.RI	1	2	3	4	5	6	7	8	9	10	11	12	
1984	0.37	0.05	2.71	0.91	0.6	0.05	0.15	0.02	0.01	0.04	0.02	0.32	0.47	
1985	0.41	0.21	0.32	1.76	1	0.06	0.07	0.02	0.17	0.36	0.28	0.52	0.28	
1986	0.47	0.36	0.1	2.48	0.26	0.21	0.06	0.02	0.32	0.54	0.72	0.31	0.17	
1987	0.35	0.12	0.03	1.47	0.76	0.07	0.06	0.35	0.13	0.01	0.11	0.32	0.83	
1988	0.26	0.52	0.34	2.08	0.24	0.18	0.07	0	0.01	0.01	0.16	0.34	0.36	
1989	0.23	0.71	0.36	2.07	0.66	0.03	0.15	0.04	0.01	0.01	0.01	0.16	0.09	
1990	0.34	0.9	0.57	1.29	0.3	0.1	0.04	0.05	0.01	0.02	0.51	0.51	0.55	
1991	0.33	0.32	0.86	1.41	0.62	0.11	0.04	0.08	0.03	0	0.06	0.18	0.52	
1992	0.39	0.66	0.35	2.58	0.49	0.2	0.07	0.17	0.21	0.2	0.34	0.4	0.3	
1993	0.3	0.84	0.05	1.12	1.04	0.04	0.24	0.02	0.01	0.07	0.3	0.2	0.5	
1994	0.24	0.06	1.45	1.53	0.48	0.19	0.06	0.14	0.02	0	0.01	0.09	0.29	
1995	0.32	0.87	0.04	1.71	0.28	0.13	0.11	0.03	0.23	0.01	0.03	0.41	0.36	
1996	0.37	0.67	0.98	0.74	0.6	0.4	0.29	0.04	0.01	0.05	0.19	0.39	0.5	
1997	0.43	0.69	1.42	1.14	0.54	0.21	0.09	0.1	0.06	0.14	0.14	0.48	0.21	
1998	0.28	0.78	1.21	0.87	0.21	0.08	0.05	0.06	0.02	0.04	0.1	0.06	0.05	
1999	0.18	0.16	0.92	0.55	0.41	0.13	0.05	0.08	0.03	0.02	0.03	0.06	0.24	
2000	0.3	0.41	0.7	0.36	0.32	0.52	0.37	0.1	0.15	0.13	0.11	0.35	0.25	
2001	0.31	0.18	1.01	1.25	1.25	0.12	0.1	0.04	0.01	0.01	0.17	0.16	0.47	
2002	0.24	0.35	0.66	0.81	0.44	0.22	0.07	0.01	0.04	0.07	0.01	0.03	0.18	
2003	0.32	0.16	0.2	2.44	0.67	0.25	0.06	0.04	0.04	0.01	0.2	0.36	0.57	
2004	0.35	0.27	0.14	1.84	0.3	0.35	0.11	0.06	0.05	0.04	0.06	0.16	0.44	
	0.32	0.46	0.68	1.45	0.55	0.17	0.11	0.07	0.07	0.08	0.17	0.29	0.36	Average 1960 - 2004
	0.32	0.46	0.68	1.45	0.55	0.17	0.11	0.07	0.07	0.08	0.17	0.29	0.36	Average1984 - 2004
	0.35	0.52	0.68	1.59	0.56	0.14	0.11	0.08	0.09	0.10	0.21	0.35	0.39	Average 1984 - 1997

Belgrave

Note Greyed area derived from BRFU provisional streamflow data. Hydat data 1968 to 1997

Distributed Precipitation (mm)

Year	Yr/Total	1	2	3	4	5	6	7	8	9	10	11	12	
1960	777.53	69.97	69.2	36.82	88.29	118.08	82	10.64	49.63	20.89	65.38	107.52	39.1	
1961	897.88	22.86	36.94	54.2	69.74	68.57	128.8	113.5	93.06	79.68	41.32	82.09	107.12	
1962	657.6	60.85	35.16	6.15	49.59	26.37	78.21	52.44	64.05	71.66	68.99	51.63	70.5	
1963	686.09	25.1	17.23	49.03	62.74	74.11	51.52	66.8	67.26	63.44	25.13	114.21	70.62	
1964	895.23	71.03	38.63	77.15	66.66	84.41	38.07	105.14	168.39	46.38	49.89	43.8	85.7	
1965	1036.2	82.59	49.54	24.19	56.25	68.44	25.53	99.75	120.4	130.47	157.86	93.05	108.14	
1966	943.07	53.34	66.37	80.01	58.97	85.27	91.08	13.98	108.47	103.27	47.28	134.16	119.91	
1967	1107.98	66.66	92.99	25.71	114.34	46.04	184.62	76.56	95.82	94.64	119.08	117.43	113.99	
1968	1023.21	70.45	61.36	49.31	44.39	49.23	82.1	70.49	174.53	125.85	89.71	119.95	156.35	
1969	931.88	82.4	81.46	45.31	109.91	108.75	69.6	84.62	28.51	29.19	115.23	149.02	68.48	
1970	930.53	26.23	27.93	51.41	76.55	84.07	49.19	144.79	46.91	132.39	119.51	66.59	97.95	
1971	830.56	67.22	67.42	54.5	38.39	24.02	61.59	124.85	92.63	45.45	39.95	51.33	115.21	
1972	959.16	75.9	51.5	76.66	54.3	40.58	110.24	45.76	61.42	82.16	145.2	75.54	137.61	
1973	964.25	58.02	45.47	108.98	49.46	106.4	81.96	75.82	81.7	49.75	83.85	135.64	87.19	
1974	827.63	84.58	83.53	66.79	113.79	145.75	67.23	36.4	26.45	75.05	52.77	139.86	43.72	
1975	1065.47	102.78	77.5	56.82	68.85	50.64	96.83	83.09	214.18	84.08	42.96	93.3	80.64	
1976	1079.51	107.47	71.01	109.87	104.81	84.53	73.1	103.13	58.02	117.73	92.89	84.55	70.8	
1977	987.27	45.85	77.3	67.22	45.24	23.46	77.4	58.05	189.06	168.4	68	114.19	70.09	
1978	811.66	81.4	9.58	32.49	40.21	62.48	44.97	34.27	61.31	165.07	73.59	71.24	115.07	
1979	943.23	48.65	29.48	67.51	103.97	85.18	57.38	79.27	68.62	51.71	133.52	145.43	74.31	
1980	931.97	58.29	37.89	71.36	101.1	60.55	104.82	58.54	61.44	100.5	114.33	66.36	98.79	
1981	1033.6	27.1	73.92	54.21	77.61	80.64	63.86	71.1	137.84	137.08	102.65	55.32	72.87	
1982	1047.64	68.36	19.83	72.99	66.39	72.72	93.85	77.94	154.8	112.3	51.68	138.41	118.38	
1983	1015.45	36.62	35.82	40.59	109.28	168.83	33.87	25.91	124.39	137.69	92.05	99.73	104.07	
1984	985.62	58.28	57.07	76.64	39.04	96.05	87.9	43.79	92.38	103.32	65.52	104.84	157.89	
1985	1205.49	112.71	149.05	95.78	90.85	103.03	55.49	92.58	168.63	73.45	99.07	118.61	98.55	
1986	1133.89	65.29	55.37	71.85	68.49	77.19	100.52	69.41	82.47	299.09	110.64	45.45	92.12	
1987	839.3	67.41	17.97	65.59	43.98	25.28	75.64	123.4	121.23	81.13	102.8	140.1	74.93	
1988	1039.01	61.92	82.32	57.34	81.26	58.04	13.2	80.65	64.16	130.12	170.62	127	103.18	
1989	942.36	58.39	50.32	38.93	71.87	105.36	80.59	10.1	99.63	99.94	82.13	179.37	66.38	
1990	1155.91	80.27	64.04	65.28	62.77	105.06	128.47	80.44	90.77	133.27	145.3	145.47	110.77	
1991	1163.54	74.69	69.8	101.55	131.4	92.06	37.91	146.32	99.59	67.2	130.02	105.58	107.42	
1992	1301.27	76.94	91.55	44.75	133.89	98.88	75.83	156.54	160.67	147.53	76.18	177.11	97.51	
1993	998.05	107.35	35.76	21.62	96.02	71.42	145.66	97.72	78.76	137.91	60.83	91.09	62.91	
1994	970.65	77.79	18.56	51.45	128.84	98.85	75.16	102.24	73.27	98.43	68.31	98.92	77.73	
1995	1203.02	111.86	60	57.1	101.41	71.37	109.74	100.47	103.77	47.14	149.64	217.23	73.29	
1996	1251.98	76.07	62.98	47.63	146.02	106.62	117.5	91.47	68.09	199.94	88.17	103.68	143.62	
1997	1027.83	116.88	84.58	98.81	35.15	105.2	45.35	72.94	124.44	126.55	80.84	73.15	52.93	
1998	735.55	86.75	23.28	54.71	62.63	58.48	47.39	31.55	108.32	45.25	36.8	80.1	76.29	
1999	882.83	101.33	52.25	28.11	67.58	76.22	65.03	58.87	62.54	86.89	74.86	112.04	66.13	
2000	1276.76	50.76	88.9	52.9	62.5	168.98	193.25	140.53	113.96	136.58	43.31	124.31	143.79	
2001	1124.27	55.73	111.95	41.12	53.02	108.52	82.47	57	93.11	126.24	180.88	101.32	112.91	
2002	938.15	62.68	109.73	69.07	102.13	96.11	60.37	82.2	43.64	54.71	75.1	84.46	99.44	
2003	1060.58	81.44	52.01	45.87	38.19	126.45	61.49	70.51	98.87	118.85	106.76	155.23	152.71	
2004	1064.54	102.23	29.39	103.5	58.8	170.06	86.51	115.04	75.29	41.41	74.91	93.47	114.83	
	1000.40	70.92	55.39	60.15	75.72	84.81	81.53	76.21	97.90	101.84	90.57	107.20	96.15	Average 1960 - 2004
	1027.48	74.04	56.98	63.63	76.76	88.29	80.79	81.10	97.88	107.36	94.07	110.39	96.40	Average1984 - 2004
	1030.70	73.18	56.13	63.95	80.51	81.85	78.08	81.43	100.86	111.98	96.30	110.98	95.46	Average 1984 - 1997

Distributed Snowfall (cm)

Year	Yr/Total	1	2	3	4	5	6	7	8	9	10	11	12	
1960	267.3	71.14	72.38	37.22	9.4	0	0	0	0	0	4.64	17.13	32.38	
1961	204.02	38.74	43.51	20.15	21.58	9.01	0	0	0	0	0	26.86	47.19	
1962	263.95	84.3	57.71	4.92	5.16	0	0	0	0	0	15	11.89	84.77	
1963	232.68	60.08	31.21	15.52	6.26	6.5	0	0	0	0	0	19.71	38.4	
1964	210.2	49.27	41.17	46.02	4.91	0	0	0	0	0	7.21	23.19	47.43	
1965	240.67	81.45	63.97	27.14	21.34	0	0	0	0	0	7.87	12.88	24.02	
1966	284.05	86.81	38.06	21.18	16.97	1.93	0	0	0	0	0	21.16	77.96	
1967	273.41	81.26	53.36	26.2	11.16	0	0	0	0	0	2.08	58.26	40.09	
1968	259.88	61.87	37.38	30.84	2.26	0	0	0	0	0	3.38	21.71	66.44	
1969	274.47	73.65	40.88	26.4	0	0	0	0	0	0	19.71	49.72	67.11	
1970	257.02	54.25	37.84	28.17	12.86	0	0	0	0	0	0	24.9	99	
1971	298.19	107.55	48.77	54.05	8.76	0	0	0	0	0	0	27.34	41.72	
1972	316.29	83.77	47.68	31.87	15.87	0	0	0	0	0	6.91	33.66	76.42	
1973	195.42	46.55	39.6	18.42	3.43	0	0	0	0	0	0	18.26	69.16	
1974	189.69	33.68	35.41	35.77	2.37	0.19	0	0	0	0	1.49	24.08	56.69	

1961	153.76	13.67	13.35	45.26	38.7	6.29	2.44	1.8	1.57	1.05	2.31	6.19	21.13		
1962	203.79	22.64	18.61	26.88	29.59	10.61	3.06	5.17	9.82	12.65	10.49	29.75	21.52		
1963	109.52	17.64	7.67	6.95	27.75	5.84	4.93	2.48	1.33	2.02	8.16	11.23	13.62		
1964	110.37	5.79	7.79	17.22	31.52	16.84	3.93	3.29	2.26	1.2	2.17	6.05	12.31		
1965	115.57	14.61	8.72	18.3	13.28	10.31	4.77	2.38	3.34	1.71	3.79	25.93	16.42		
1966	167.25	12.14	10.89	16.44	28.26	18.64	11.48	4.51	2.57	2.5	6.7	19.46	28.64		
1967	165.41	25.04	25.7	28.73	20.14	13.62	3.89	2.92	2.94	5.44	7.3	15.35	14.43		
1968	95.25	16.86	13.27	20.55	15.18	5	2.02	1.13	1.18	1.2	1.24	1.55	2.32		
1969	83.27	7.13	19.3	15.14	13.44	6.13	2.76	1.87	1.23	1.12	1.49	3.24	10.43		
2000	165.64	15.18	10.37	18.1	12.4	14.61	8.91	10.04	7.34	8.91	9.66	12.23	37.99		
2001	254.28	76.88	49.66	26.57	28.13	6.61	6.09	3.36	2.43	1.93	9.93	17.3	23.39		
2002	153.72	27.84	25.04	33.34	22.1	23.3	6.5	1.85	1.55	1.2	1.56	2.98	6.46		
2003	172.45	11.07	15.17	26.7	19.87	14.47	8.71	4.09	3.34	1.98	9.05	27.01	30.09		
2004	168.15	33.89	26.15	34.58	17.63	17.17	8.72	7.1	4.06	2.75	2.2	7.62	6.28		
	139.83	16.27	14.17	25.49	25.46	10.07	4.42	2.68	2.24	3.50	6.29	11.89	17.36	Average 1960 - 2004	
	139.83	16.27	14.17	25.49	25.46	10.07	4.42	2.68	2.24	3.50	6.29	11.89	17.36	Average1968 - 2004	
	136.16	13.77	12.18	25.22	27.11	9.51	3.99	2.29	2.05	3.68	6.58	12.26	17.51	Average 1968 - 1987	

BFI

Year	Year BFI	1	2	3	4	5	6	7	8	9	10	11	12
1968	0.26	0.58	0.12	0.17	0.42	0.6	0.59	0.57	0.2	0.41	0.31	0.21	0.35
1969	0.3	0.33	0.35	0.17	0.28	0.28	0.67	0.65	0.7	0.61	0.59	0.22	0.71
1970	0.33	0.67	0.52	0.33	0.21	0.41	0.66	0.5	0.67	0.64	0.52	0.36	0.43
1971	0.34	0.63	0.54	0.38	0.24	0.57	0.3	0.62	0.79	0.82	0.95	0.76	0.24
1972	0.34	0.5	0.91	0.32	0.23	0.56	0.35	0.37	0.76	0.67	0.19	0.52	0.37
1973	0.32	0.35	0.38	0.25	0.47	0.34	0.52	0.66	0.61	0.79	0.64	0.18	0.29
1974	0.24	0.19	0.38	0.18	0.24	0.19	0.62	0.66	0.99	0.74	0.75	0.22	0.79
1975	0.24	0.23	0.35	0.28	0.16	0.53	0.41	0.53	0.05	0.32	0.72	0.44	0.29
1976	0.33	0.69	0.26	0.28	0.3	0.34	0.77	0.4	0.65	0.66	0.6	0.31	0.74
1977	0.28	0.93	0.91	0.13	0.47	0.68	0.72	0.64	0.22	0.19	0.35	0.35	0.44
1978	0.3	0.72	0.82	0.28	0.17	0.49	0.54	0.8	0.77	0.17	0.33	0.4	0.65
1979	0.26	0.48	0.85	0.25	0.28	0.53	0.62	0.6	0.73	0.83	0.28	0.2	0.23
1980	0.32	0.52	0.9	0.13	0.39	0.68	0.59	0.67	0.69	0.43	0.34	0.71	0.29
1981	0.3	0.91	0.1	0.1	0.5	0.38	0.56	0.58	0.58	0.56	0.23	0.46	0.52
1982	0.27	0.64	0.9	0.17	0.26	0.64	0.21	0.56	0.36	0.25	0.66	0.24	0.27
1983	0.41	0.59	0.36	0.57	0.47	0.31	0.61	0.55	0.4	0.1	0.4	0.61	0.45
1984	0.27	0.83	0.14	0.26	0.46	0.55	0.26	0.63	0.39	0.36	0.69	0.26	0.26
1985	0.31	0.45	0.15	0.52	0.29	0.38	0.43	0.44	0.59	0.26	0.3	0.34	0.55
1986	0.29	0.51	0.71	0.17	0.54	0.19	0.43	0.61	0.1	0.17	0.34	0.51	0.58
1987	0.31	0.69	0.93	0.24	0.38	0.55	0.36	0.12	0.21	0.7	0.3	0.26	0.36
1988	0.28	0.23	0.33	0.18	0.5	0.46	0.6	0.65	0.63	0.34	0.16	0.32	0.29
1989	0.31	0.33	0.41	0.15	0.39	0.68	0.3	0.61	0.56	0.6	0.55	0.16	0.6
1990	0.28	0.21	0.34	0.24	0.49	0.21	0.45	0.48	0.53	0.52	0.17	0.23	0.42
1991	0.29	0.38	0.27	0.24	0.34	0.36	0.59	0.13	0.31	0.76	0.23	0.26	0.3
1992	0.33	0.48	0.62	0.24	0.37	0.38	0.36	0.18	0.24	0.33	0.35	0.23	0.48
1993	0.27	0.18	0.81	0.19	0.24	0.55	0.14	0.59	0.83	0.2	0.31	0.45	0.45
1994	0.32	0.41	0.21	0.22	0.32	0.45	0.55	0.18	0.62	0.71	0.49	0.33	0.37
1995	0.28	0.18	0.84	0.18	0.36	0.5	0.31	0.56	0.12	0.82	0.33	0.26	0.5
1996	0.3	0.15	0.18	0.38	0.34	0.34	0.3	0.6	0.78	0.2	0.29	0.38	0.37
1997	0.3	0.26	0.2	0.23	0.51	0.38	0.48	0.38	0.25	0.25	0.41	0.33	0.62
1998	0.34	0.19	0.38	0.34	0.57	0.53	0.73	0.67	0.66	0.9	0.71	0.78	0.56
1999	0.41	0.28	0.35	0.51	0.57	0.56	0.56	0.41	0.84	0.88	0.3	0.4	0.34
2000	0.28	0.51	0.2	0.55	0.42	0.15	0.51	0.42	0.39	0.34	0.62	0.24	0.3
2001	0.39	0.66	0.3	0.38	0.31	0.33	0.46	0.64	0.73	0.47	0.2	0.49	0.34
2002	0.41	0.64	0.28	0.43	0.39	0.36	0.54	0.62	0.53	0.88	0.62	0.6	0.4
2003	0.36	0.55	0.51	0.22	0.45	0.32	0.52	0.63	0.4	0.45	0.27	0.32	0.42
2004	0.33	0.51	0.79	0.2	0.5	0.22	0.51	0.54	0.66	0.66	0.41	0.34	0.1
	0.31	0.48	0.48	0.28	0.37	0.43	0.47	0.54	0.51	0.51	0.43	0.36	0.42	Average 1960 - 2004
	0.31	0.48	0.48	0.28	0.37	0.43	0.47	0.54	0.51	0.51	0.43	0.36	0.42	Average1968 - 2004
	0.30	0.48	0.49	0.25	0.35	0.45	0.47	0.53	0.49	0.48	0.42	0.34	0.44	Average 1968 - 1987

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12
1968	339.49	8.27	92.28	85.92	20.87	4.51	2.11	1.28	12.08	6.69	20.27	42.89	42.11	
1969	341.9	39.12	28.02	81.47	110.33	47.63	2.52	0.51	5.7	0.21	0.91	15.09	4.38	
1970	200.3	3.02	5.94	19.46	112.93	13.17	1.7	2.56	0.88	0.96	3.21	11.84	24.63	
1971	204.18	4.65	7.52	41.91	120.16	4.14	4.76	1.16	0.35	0.21	0.06	0.39	14.94	
1972	262.71	12.89	1.23	35.59	137.94	5.95	7.4	7.02	0.47	0.04	8.71	11.2	34.27	
1973	263.98	44.1	18.46	105.64	19.15	23.57	3.96	0.76	0.62	0.17	0.4	10.94	16.2	
1974	323.23	59.26	20.46	83.63	78.81	68.84	2.47	0.62	0.01	0.23	0.31	7.16	1.23	
1975	438.38	28.99	10.97	71.24	134.08	7.16	5.24	1.26	74.51	27.77	2.78	13.34	51.05	
1976	351.18	8.23	64.66	184.4	41.32	27.16	0.82	3.89	0.85	2.05	2.2	11.88	3.72	
1977	315.45	0.7	0.76	165.92	17.87	1.33	0.53	0.6	8.12	19.21	29.09	26.49	24.73	
1978	260.51	5.3	2.05	29.64	170.93	10.66	2.23	0.15	0.28	9.4	12.3	9.61	6.76	
1979	395.91	14	1.48	147.51	96.71	9.65	1.5	0.88	0.41	0.18	8.01	47.12	70.45	
1980	213	8.69	0.6	98.54	57	10.16	2.4	0.72	0.49	1.37	1.67	2.7	24.66	
1981	342.15	0.78	124.41	20.68	14.18	17.7	2.75	0.86	0.84	10.58	41.63	14.93	10.63	
1982	405.4	4.52	0.55	85.11	135.36	2.89	19.97	2.28	3.95	6.16	2.49	56.91	65.21	
1983	253.18	9.98	21.92	14.17	21.4	43.95	9.38	1.34	1.85	16.59	13.04	20.37	29.19	
1984	227.42	1.17	145.64	57.64	22.24	4.94	13.34	1	1.12	4.4	1.3	30.69	53.74	
1985	449.51	14.31	53.93	143.74	91.62	7.25	4.1	1.97	20.46	19.1	23.51	62.49	17.01	
1986	460.28	14.84	0.87	141.96	17.39	17.86	6.13	1.44	18.11	136.55	74.45	12.03	14.65	
1987	289.26	5.88	0.57	86.32	31.59	2.46	3.19	35.78	14.27	0.87	12.99	42.32	54.02	
1988	266.76	24.01	23.86	102.68	18.49	7.85	0.83	0.11	0.27	1.66	30.57	47.36	29.25	
1989	211.26	32.92	11.34	65.08	39.21	3.15	16.81	0.96	0.72	0.68	1.35	24.03	5.01	
1990	407.68	56.14	36.4	67.84	19.2	16.2	3.8	2.87	1.14	1.6	72.4	75.57	54.42	
1991	275.42	21.89	36.08	140.38	75.49	11.04	1.73	11.69	3.51	0.3	7.73	17.17	48.42	
1992	415.23	24.05	11.08	96.11	50.26	16.49	5.51	23.82	30.5	25.38	19.5	99.4	23.13	
1993	292.92	76.25	1.81	29.59	89.87	4.83	29.68	1.73	0.27	8.29	18.44	13.57	16.49	
1994	239.93	8.28	29.79	52.81	63.68	20.58	3.25	14.04	1.36	0.49	2.25	12.21	21.19	
1995	315.68	64.74	1.63	84.37	24.02	10.11	10.82	1.85	24.19	0.38	5.76	72.3	15.51	
1996	385.75	70.76	89.59	26.65	65.5	36.12	27.19	3.02	0.71	10.26	16.8	30.66	48.47	
1997	394.24	70.69	102.06	95.22	19.11	22.68	4.15	4.73	8.76	16.43	10.47	30.9	9.03	
1998	174.37	73.15	21.75	59.17	11.45	4.43	0.73	0.19	0.62	0.13	0.53	0.43	1.79	
1999	118.22	18.66	36.63	14.27	10.11	4.83	2.2	2.71	0.23	0.15	3.47	4.94	20.02	
2000	418.07	14.77	41.61	14.68	17	81.26	76.34	13.91	11.4	16.96	5.47	26.73	88.64	
2001	280.14	40.32	114.07	45.81	62.38	13.45	7.2	1.68	0.91	2.15	39	17.93	45.04	
2002	220.48	15.66	82.9	43.9	34.91	42.2	5.64	1.15	1.38	0.18	0.97	1.97	9.64	
2003	312.76	9.07	14.58	93.15	24	30.74	8.07	2.95	4.98	2.46	23.96	56.64	42.18	
2004	348.66	32.54	6.86	141.37	17.76	80.36	8.43	6.11	2.58	1.44	3.22	14.77	53.71	
	314.14	26.14	33.23	78.19	56.64	18.39	8.27	4.32	6.85	9.50	14.15	27.30	30.15	Average 1960 - 2004
	314.14	26.14	33.23	78.19	56.64	18.39	8.27	4.32	6.85	9.50	14.15	27.30	30.15	Average1968 - 2004
	315.41	25.43	31.04	82.68	63.93	16.00	6.78	4.37	7.73	10.94	14.88	29.13	28.49	Average 1968 - 1987

RI

Year	Year RI	1	2	3	4	5	6	7	8	9	10	11	12
1968	0.33	0.12	1.51	1.74	0.47	0.09	0.03	0.02	0.07	0.05	0.29	0.36	0.4	
1969	0.27	0.47	1.23	1.8	1.03	0.44	0.04	0.01	0.02	0.01	0.01	0.1	0.05	
1970	0.22	0.08	0.21	0.38	1.48	0.14	0.04	0.02	0.02	0.01	0.03	0.18	0.25	
1971	0.25	0.1	0.08	0.77	3.3	0.17	0.07	0.01	0	0	0	0.01	0.13	
1972	0.27	0.17	0.02	0.45	2.54	0.15	0.07	0.15	0.01	0	0.04	0.15	0.25	
1973	0.27	1.1	0.41	0.87	0.38	0.32	0.05	0.01	0.01	0	0	0.08	0.19	
1974	0.35	0.7	0.34	1.26	0.69	0.49	0.04	0.02	0	0	0.01	0.05	0.02	
1975	0.41	0.28	0.27	1.25	1.95	0.14	0.05	0.02	0.34	0.33	0.06	0.14	0.56	
1976	0.33	0.08	0.91	1.68	0.39	0.32	0.01	0.04	0.01	0.02	0.02	0.14	0.05	
1977	0.32	0.02	0.01	2.76	0.4	0.06	0.01	0.01	0.04	0.12	0.42	0.23	0.35	
1978	0.32	0.07	0.21	0.91	4.25	0.17	0.07	0.01	0	0.05	0.17	0.13	0.06	
1979	0.42	0.29	0.05	2.18	0.96	0.11	0.03	0.01	0.01	0	0.05	0.32	0.85	
1980	0.23	0.15	0.02	1.38	0.56	0.17	0.02	0.01	0.01	0.01	0.05	0.04	0.25	
1981	0.26	0.03	1.68	0.38	0.18	0.22	0.04	0.01	0.01	0.08	0.27	0.27	0.15	
1982	0.38	0.07	0.02	1.17	2.04	0.04	0.21	0.03	0.03	0.05	0.06	0.61	0.72	
1983	0.19	0.27	0.61	0.35	0.2	0.26	0.28	0.05	0.01	0.12	0.14	0.2	0.19	
1984	0.34	0.02	2.51	0.75	0.57	0.05	0.15	0.02	0.01	0.04	0.02	0.29	0.34	
1985	0.36	0.13	0.36	1.5	1.01	0.07	0.07	0.02	0.12	0.26	0.24	0.44	0.17	
1986	0.41	0.23	0.09	1.88	0.25	0.23	0.06	0.02	0.22	0.46	0.67	0.3	0.16	
1987	0.31	0.09	0.03	1.3	0.72	0.1	0.04	0.29	0.12	0.01	0.13	0.3	0.72	
1988	0.28	0.4	0.26	1.79	0.24	0.14	0.07	0	0.01	0.01	0.18	0.27	0.28	
1989	0.22	0.56	0.23	1.68	0.55	0.03	0.21	0.1	0.01	0.01	0.01	0.19	0.08	
1990	0.34	0.7	0.57	1.13	0.31	0.15	0.03	0.04	0.01	0.01	0.5	0.52	0.49	
1991	0.32	0.29	0.52	1.38	0.57	0.12	0.05	0.08	0.04	0	0.06	0.16	0.45	
1992	0.32	0.31	0.2	1.93	0.38	0.17	0.07	0.15	0.19	0.17	0.26	0.56	0.15	
1993	0.29	0.73	0.05	1.37	1.05	0.07	0.2	0.02	0	0.06	0.3	0.15	0.26	
1994	0.25	0.11	1.6	1.22	0.49	0.21	0.04	0.14	0.02	0	0.03	0.12	0.27	
1995	0.26	0.58	0.03	1.49	0.24	0.14	0.1	0.02	0.23	0.01	0.04	0.33	0.21	
1996	0.31	0.63	0.79	0.56	0.45	0.34	0.23	0.01	0.01	0.05	0.19	0.3	0.34	
1997	0.38	0.6	1.08	0.95	0.54	0.22	0.09	0.06	0.07	0.13	0.13	0.42	0.17	
1998	0.24	0.81	0.93	0.62	0.27	0.07	0.02	0.01	0.01	0	0.01	0.01	0.02	
1999	0.13	0.18	0.7	0.51	0.15	0.06	0.03	0.05	0	0	0.05	0.04	0.23	
2000	0.32	0.29	0.85	0.28	0.27	0.48	0.36	0.1	0.1	0.12	0.14	0.32	0.63	
2001	0.35	0.72	1.02	1.11	1.18	0.12	0.09	0.03	0.01	0.02	0.22	0.16	0.4	
2002	0.24	0.25	0.59	0.63	0.34	0.44	0.06	0.01	0.03	0	0.01	0.02	0.14	
2003	0.29	0.11	0.28	2.03	0.62	0.24	0.13	0.04	0.05	0.02	0.22	0.36	0.41	
2004	0.33	0.32	0.23	1.37	0.3	0.35	0.1	0.05	0.03	0.03	0.04	0.16	0.47	
	0.30	0.33	0.55	1.22	0.85	0.19	0.09	0.05	0.05	0.06	0.14	0.23	0.30	Average 1960 - 2004
	0.30	0.33	0.55	1.22	0.85	0.19	0.09	0.05	0.05	0.06	0.14	0.23	0.30	Average1968 - 2004
	0.31	0.32	0.53	1.28	0.94	0.17	0.08	0.05	0.06	0.07	0.15	0.24	0.29	Average 1968 - 1987

Blyth

Note Greyed area derived from BRFU provisional streamflow data. Hydat data 1985 to 1994

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1968	887.8	76.34	104.74	97.93	102.32	119.19	88.37	38.75	35.97	52.37	78.16	133.93	79.65	

1965	689.46	24.69	99.22	228.45	135.49	21.96	8.81	7.8	6.43	10.21	36.16	78.62	41.63		
1966	631.98	43.5	20.89	189.53	41.5	21.22	9.28	4.08	4.69	151.34	83.27	24.15	38.41		
1967	404.26	25.17	10.51	106.14	47.44	8.32	5.46	5.31	10.13	3.05	20.62	68.62	93.49		
1968	449.22	35.28	39.36	109.69	34.65	14.06	2.61	0.75	1	2.66	60.97	86.79	60.2		
1969	263.98	47.8	18.34	55.91	42.15	13.05	23.51	2.24	1.81	2.08	3.64	30.42	12.93		
1970	602.23	109	53.71	76.86	39.79	24.24	13.45	9.09	3.1	6	70.23	102.6	93.97		
1971	497.76	26.75	46.68	173.27	66.92	25.18	7.64	3.14	2.21	2.17	14.01	33.45	64.36		
1972	703.64	63.14	34.83	133.64	97.56	30.38	8.24	13.46	42.51	54.54	43.61	131.98	49.75		
1973	459.61	98.63	12.39	64.87	107.88	15.49	29.96	6.83	2.06	7.35	17.7	16.77	28.68		
1974	454.99	19.53	42.18	92.12	97.12	36.46	10.25	4.57	3.23	3.36	14.47	43.09	38.61		
1975	658.23	112.27	53.35	139.41	70.9	48.77	60.96	30.11	50.63	18.27	38.13	141.34	95.79		
1976	989.36	126.46	125.2	98.13	129.67	125.18	65.78	30.56	26.07	58.97	59.4	70.02	73.92		
1977	854.65	119.8	129.18	141.74	68.59	74.98	31.35	23.66	25.45	33.36	43.14	57.83	54.66		
1978	1088.96	110.58	67.28	106.51	52.89	31.69	24.08	20.58	19.7	150.75	125.16	146.11	233.65		
1979	807.8	80.82	77.11	57.24	58.53	39.07	25.45	19.58	14.59	16.41	93.49	170.45	155.11		
2000	992.71	109.86	94.26	88.53	74.13	103.06	81.25	47.21	62.12	72.61	58.98	99.98	99.7		
2001	794.33	87.02	131.45	94.24	123.14	27.58	35.14	12.73	12.98	22.16	119.06	65.21	74.64		
2002	447.4	70.29	96.51	110.85	70.43	37.25	15.54	6.96	8.44	5.16	2.11	5.64	20.32		
2003	525.18	28.25	30.75	91.26	37.49	54.19	23.2	6.72	9.13	14.28	67.34	39.9	83.71		
2004	558.27	57.45	41.69	144.66	45.14	79.15	26.18	30.17	11.21	9.97	14.16	30.86	67.54		
	645.71	69.51	61.05	115.47	73.52	41.56	24.85	14.23	15.79	32.29	49.44	74.71	74.10	Average 1960 - 2004	
	645.71	69.51	61.05	115.47	73.52	41.56	24.85	14.23	15.79	32.29	49.44	74.71	74.10	Average1965 - 2004	
	506.62	49.75	37.81	124.07	73.95	21.04	11.92	5.64	7.72	24.28	36.48	61.47	52.30	Average 1985 - 1994	

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1965	239.66	8.72	11	87.31	44.89	9.7	5.34	3.27	2.18	4.62	9.59	26.28	26.76	
1966	197.8	20.09	14.64	32.9	24.68	7.55	3.85	2.14	1.65	16.86	34.34	14.91	24.17	
1967	144.72	18.01	9.1	26.75	20.53	6.08	3.63	2.82	2.22	1.97	4.67	16.71	22.23	
1968	133.96	10.66	14.89	24.53	18.9	7.65	1.52	0.35	0.46	0.79	6.92	29.39	16.9	
1969	106.77	23.98	10.82	14.63	20.88	9.18	6.31	1.25	0.96	1.34	2.19	5.16	8.83	
1970	198.37	23.68	24.28	22.77	22.02	9.41	4.67	2.75	0.72	1.97	17.42	27.52	41.16	
1971	160	21.11	18.9	45.58	40.14	10.64	4.39	2.01	1.45	1.35	3.09	8.01	23.29	
1972	230.69	26.82	18.2	26.35	26.96	12.84	3.87	4.15	9.78	17.23	15.04	33.21	26.24	
1973	132.3	24.09	10.1	10	32.46	11.08	8.13	3.4	1.58	2	5.71	9.84	13.92	
1974	141.67	7.24	12.09	22.95	36.39	18.96	5.71	2.63	2.07	1.15	5.06	11.93	15.49	
1975	173.94	34.18	15.12	56.44	48.64	40.77	20.39	24.68	23.24	17.37	21.83	62.5	67.79	
1976	562.11	56.28	63.18	65.33	93.03	92.61	41.64	26.63	23.23	26.22	40.13	13.42	22.41	
1977	461.79	35.35	54.25	70.37	51.54	44.22	26.1	20.71	16.3	21.73	33.27	41.76	43.19	
1978	371.58	47.75	39.54	61.5	38.81	26.4	21.51	18.51	17.09	18.11	25.12	28	29.02	
1979	473.39	16.05	45.25	62.15	38.73	25.95	19.64	15.3	12.31	11.6	31.96	109.86	105.59	
2000	525.86	66.64	69.88	63.49	51.9	42.41	27.46	23.78	27.46	30.3	38.46	40.27	63.71	
2001	384.1	68.7	49.94	47.07	44.58	17.59	15.54	12.13	11.57	11.09	30.77	37.41	38.21	
2002	247.17	50.2	45.31	62.53	34.69	18.88	10.03	6.58	5.99	2.95	0.96	2.54	6.51	
2003	171.45	8.19	14.07	14.08	9.23	18.6	11.75	3.98	2.63	2.32	18.62	33.22	34.76	
2004	249.25	36.26	28.77	45.35	30.66	26.54	18.59	14.78	9.23	8.32	8.31	15.31	5.33	
	281.18	30.20	28.97	42.11	36.91	22.95	13.93	9.60	8.71	9.91	17.67	28.37	32.28	Average 1960 - 2004
	281.18	30.20	28.97	42.11	36.91	22.95	13.93	9.60	8.71	9.91	17.67	28.37	32.28	Average1965 - 2004
	170.59	18.44	14.40	31.40	29.89	10.31	4.74	2.48	2.31	4.93	10.40	18.40	22.90	Average 1985 - 1994

BFI

Year	Year BFI	1	2	3	4	5	6	7	8	9	10	11	12	
1965	0.34	0.35	0.11	0.38	0.33	0.44	0.61	0.42	0.34	0.45	0.27	0.33	0.64	
1966	0.31	0.46	0.7	0.17	0.59	0.36	0.41	0.53	0.35	0.11	0.41	0.62	0.63	
1967	0.36	0.72	0.87	0.25	0.43	0.73	0.66	0.53	0.22	0.65	0.23	0.24	0.34	
1968	0.3	0.3	0.38	0.22	0.57	0.54	0.58	0.47	0.46	0.3	0.11	0.34	0.28	
1969	0.4	0.5	0.59	0.23	0.5	0.7	0.27	0.53	0.53	0.64	0.6	0.2	0.68	
1970	0.33	0.22	0.45	0.3	0.55	0.38	0.35	0.3	0.23	0.33	0.25	0.27	0.44	
1971	0.36	0.79	0.4	0.26	0.42	0.42	0.57	0.65	0.66	0.62	0.22	0.24	0.36	
1972	0.33	0.42	0.52	0.2	0.38	0.42	0.47	0.31	0.23	0.32	0.34	0.25	0.53	
1973	0.32	0.24	0.82	0.15	0.3	0.72	0.27	0.58	0.76	0.27	0.32	0.59	0.47	
1974	0.31	0.37	0.29	0.25	0.37	0.52	0.56	0.58	0.64	0.34	0.35	0.28	0.4	
1975	0.26	0.3	0.9	0.4	0.66	0.84	0.5	0.82	0.46	0.9	0.56	0.44	0.71	
1976	0.57	0.45	0.5	0.67	0.72	0.74	0.63	0.87	0.85	0.43	0.68	0.18	0.3	
1977	0.57	0.3	0.42	0.5	0.74	0.59	0.83	0.88	0.76	0.65	0.75	0.72	0.79	
1978	0.34	0.43	0.59	0.58	0.73	0.84	0.89	0.9	0.87	0.12	0.2	0.19	0.12	
1979	0.59	0.2	0.59	0.74	0.66	0.66	0.77	0.78	0.84	0.71	0.34	0.64	0.68	
2000	0.53	0.61	0.53	0.72	0.7	0.41	0.34	0.5	0.44	0.42	0.64	0.4	0.64	
2001	0.48	0.79	0.38	0.5	0.36	0.64	0.62	0.95	0.89	0.5	0.26	0.57	0.51	
2002	0.55	0.71	0.47	0.56	0.49	0.51	0.65	0.95	0.93	0.57	0.45	0.45	0.32	
2003	0.33	0.45	0.46	0.15	0.25	0.34	0.53	0.59	0.29	0.16	0.28	0.37	0.42	
2004	0.45	0.63	0.68	0.31	0.68	0.36	0.71	0.49	0.82	0.83	0.59	0.49	0.09	
	0.42	0.46	0.53	0.38	0.52	0.56	0.56	0.63	0.58	0.47	0.39	0.39	0.47	Average 1960 - 2004
	0.42	0.46	0.53	0.38	0.52	0.56	0.56	0.63	0.58	0.47	0.39	0.39	0.47	Average1965 - 2004
	0.34	0.43	0.51	0.24	0.44	0.52	0.48	0.49	0.44	0.40	0.31	0.34	0.48	Average 1985 - 1994

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12	
1965	458.8	15.97	88.22	141.14	90.59	12.26	3.47	4.53	4.25	5.59	26.57	52.34	14.87	
1966	434.18	23.41	6.25	156.63	16.82	13.67	5.43	1.92	3.04	134.48	49.03	9.24	14.24	
1967	259.54	7.16	1.41	79.39	26.91	2.24	1.83	2.49	7.91	1.08	15.95	51.91	61.26	
1968	314.26	24.62	24.47	85.36	14.75	6.41	1.09	0.4	0.54	1.87	54.05	57.4	43.3	
1969	157.21	23.82	7.52	51.08	21.27	3.86	17.2	1.09	0.85	0.74	1.45	24.23	4.1	
1970	403.86	85.32	29.42	54.08	17.76	14.83	8.78	6.34	2.38	4.03	52.81	75.28	52.81	
1971	317.76	8.64	27.76	127.68	55.78	14.54	3.25	1.09	0.76	0.82	10.92	25.44	41.07	
1972	473.95	36.32	16.43	107.28	60.4	17.54	4.37	9.31	32.73	37.31	28.57	98.77	23.51	
1973	277.31	75.54	2.29	54.87	75.42	4.4	21.83	2.43	0.5	5.35	11.99	6.93	15.76	
1974	263.32	12.29	30.06	69.17	60.73	17.5	4.64	1.94	1.16	2.21	9.41	31.16	23.12	
1975	388.29	78.09	5.23	82.87	24.26	8	30.57	5.43	27.69	1.9	17.31	79.84	28	
1976	427.25	70.18	62.02	32.8	36.64	32.57	24.14	3.93	3.64	32.75	19.27	56.6	51.51	
1977	342.86	84.45	73.93	71.37	16.95	30.76	5.16	2.95	9.15	11.63	10.87	16.07	11.47	

1961	196.06	43.8	12.03	29.66	16.95	7.42	0	0	0	0	0	0	25.76	60.45		
1962	270.72	72.63	59.05	7.57	2.99	0	0	0	0	0	0	32.49	8.48	87.51		
1963	202.87	48.02	41.60	15.77	4.73	0.86	0	0	0	0	0	0	33.41	106.55		
1964	210.93	33.35	42.63	45.15	6.44	0	0	0	0	0	0	14.23	23.55	45.38		
1965	238.75	79.88	55.01	34.63	22.88	0	0	0	0	0	0	4.18	14.61	27.35		
1966	279.14	86.95	29.47	36.28	16.15	0.51	0	0	0	0	0	5.22	25.85	62.71		
1967	254.72	63.8	49.88	29.58	7.03	0	0	0	0	0	0	5.4	60.38	38.64		
1968	249.23	51.09	47.49	26.36	3.45	0	0	0	0	0	0	1.05	28.11	67.68		
1969	278.35	85.25	40.92	33.75	0	0	0	0	0	0	0	15.49	52.02	50.92		
1970	236.5	53.94	39.58	26.65	16.38	0	0	0	0	0	0	0	26.54	73.21		
1971	263.81	96.3	31.85	67.48	8.46	0	0	0	0	0	0	0	27.85	32.89		
1972	297.38	76.21	62.31	26.54	11.54	0	0	0	0	0	0	11.18	33.29	72.31		
1973	192.3	40.54	38.3	17.78	3.07	0	0	0	0	0	0	0	30.67	60.94		
1974	180.14	31.54	42.29	30.82	4.47	0.59	0	0	0	0	0	1.64	19.02	49.75		
1975	266.71	56.26	50.49	36.74	29.59	0	0	0	0	0	0	0	12.25	81.38		
1976	532.56	169.91	54.29	38.44	9.4	1.28	0	0	0	0	0	4.1	86.38	137.75		
1977	320.56	117.8	55.41	11.27	6.88	0	0	0	0	0	0	0	39.07	90.03		
1978	256.23	127.86	19.45	5.24	2.09	0	0	0	0	0	0	0	7.77	93.82		
1979	226.5	100.7	28.58	25.68	23.88	0	0	0	0	0	0	4.85	21.38	21.45		
1980	284.92	76.56	60.3	38.41	3.72	0	0	0	0	0	0	2.85	17.82	63.26		
1981	311.16	82.98	81.66	51.74	0.09	0	0	0	0	0	0	28.64	8.09	77.96		
1982	293.12	160.18	33.29	29.27	17.98	0	0	0	0	0	0	0.41	14.14	37.87		
1983	287.71	27.5	13.62	27.91	8.16	0	0	0	0	0	0	0	34.59	175.73		
1984	186.22	52.94	26.7	52.66	8.83	3.68	0	0	0	0	0	0	2.44	27.97		
1985	496.5	168.5	117.18	30.04	21.7	0	0	0	0	0	0	0	14.92	145.16		
1986	368.49	71.58	81.34	39.52	12.11	0	0	0	0	0	0	0	31.57	52.97		
1987	201.46	82.4	20.34	18.74	9.41	0	0	0	0	0	0	6.56	33.72	30.29		
1988	352.02	65.59	129.07	27.34	3.43	0	0	0	0	0	0	16.35	7.57	102.85		
1989	380.8	34.33	68.54	21.63	28.34	4.46	0	0	0	0	0	3.36	67.76	124.13		
1990	192.06	44.43	26.65	16.38	11.54	4.68	0	0	0	0	0	1.27	19.96	67.13		
1991	271.64	101.43	64.52	19.63	4.95	0	0	0	0	0	0	0	33.53	117.58		
1992	297.18	118.46	35.33	32.62	6.44	0	0	0	0	0	0	18.61	32.33	53.39		
1993	284.71	58	84.1	21.63	8.51	0	0	0	0	0	0	0.44	25.93	96.8		
1994	278.01	140.95	37.21	42.39	5.94	0	0	0	0	0	0	0	19.27	32.25		
1995	436.39	85.52	104.35	20	13.54	0	0	0	0	0	0	0	101.64	113.34		
1996	244.87	44.51	36.62	56.71	17.17	0	0	0	0	0	0	0	96.17	93.68		
1997	328.27	126.95	35.46	59.13	5.63	1.54	0	0	0	0	0	32.5	27.86	36.2		
1998	129.81	29.01	0.27	60.4	0	0	0	0	0	0	0	0	5.75	34.38		
1999	263.54	162.05	12.72	31.16	6.92	0	0	0	0	0	0	0	29.57	42.03		
2000	410.38	47.15	35.03	20.17	17.74	0	0	0	0	0	0	0	68.64	220.85		
2001	240.27	51.47	42.44	35.51	7.09	0	0	0	0	0	0	5.22	4.58	94.48		
2002	294.35	61.39	59.81	52.8	13.03	0.67	0	0	0	0	0	0.58	49.53	56.24		
2003	204.08	156.19	64.76	40.58	10.43	0	0	0	0	0	0	6.1	19.61	59.11		
2004	346.82	184.5	23.62	41.74	0.61	0	0	0	0	0	0	0	11.54	84.61		
	267.10	83.11	48.54	33.07	10.07	0.57	0.00	0.00	0.00	0.00	0.00	5.00	30.60	76.14	Average 1960 - 2004	
	295.62	87.83	49.19	33.49	9.94	0.45	0.00	0.00	0.00	0.00	0.00	4.34	31.43	78.95	Average1968 - 2004	
	262.43	83.12	49.47	33.06	10.19	0.48	0.00	0.00	0.00	0.00	0.00	4.42	32.34	79.35	Average 1968 - 2002	

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1968	477.01	30.14	147.82	121.45	24.17	7.99	5.11	2.11	15	3.13	11.98	41.76	66.33			
1969	509.61	71.66	71.05	106.52	132.29	66.73	7.97	2.18	1.1	0.44	2.37	26.8	20.5			
1970	336.03	14.21	18.4	44.37	139.52	21.83	4.27	8.39	8.43	2.69	8.96	21.87	44.99			
1971	348.45	21.79	26.19	104.06	141.66	8.47	14.05	3.06	1.17	1.03	0.98	1.4	22.19			
1972	262.61	28.07	11.75	99.21	143.25	13.46	5.29	5.46	1.1	0.64	9.3	17.85	70.23			
1973	426.39	126.38	26.43	130.69	32.85	35.14	9.13	2.24	1.74	0.54	0.85	24.69	35.71			
1974	414.3	84.52	31.7	96.25	82.36	72.18	12.36	3.02	1.05	0.63	1.62	26.19	12.42			
1975	545.66	68.95	46.54	109.37	129.41	14.9	18.28	4.52	32.33	23.29	5.51	17.51	68.85			
1976	548.61	26.78	156.9	226.91	47.68	38.03	4.06	9.82	1.79	3.63	4.25	34.2	12.86			
1977	553.93	7.7	9.61	255.11	33.44	5.59	2.85	0.59	8.88	30.89	55.28	70.93	70.06			
1978	445.63	16.61	9.98	62.52	205.03	20.26	9.06	1.33	0.61	16.04	55.35	17.82	31			
1979	631.68	27.77	9.76	241.07	126.45	20.73	4.66	3.18	0.92	0.4	8.65	83.55	104.52			
1980	623.19	21.25	5.39	151.26	96.15	22.91	8.27	3.13	12.24	4.63	24.04	34.84	53.99			
1981	552.95	5.4	216.3	65.48	34.01	40.48	7.37	2.93	1.66	18.98	96.85	34.32	28.96			
1982	656.98	26.78	6.43	158.76	182.83	9.1	25.27	3.34	3.26	3.71	3.75	81.84	149.59			
1983	267.43	30.98	51.88	26.63	62.57	63.25	16.43	1.77	2.66	10.4	14.24	33.02	73.27			
1984	552.2	13.79	168.59	100.58	39.78	15.7	31.76	3.07	1.17	3.66	3.08	96.9	104.11			
1985	797.79	33.01	111.88	234.8	119.64	13.38	21.43	11.28	18.88	41.38	50.83	97.47	43.93			
1986	694.36	67.27	21.52	175.84	28.14	23.63	10.7	3.52	23.13	165.35	111.5	20.8	42.96			
1987	458.38	19.02	6.95	123.68	50.68	5.53	6.58	10.49	11.29	3.32	23.46	83.23	114.15			
1988	498.28	32.62	42.09	140.29	33.42	15.8	2.29	0.46	0.55	1.6	63.28	96.89	68.19			
1989	269.43	41.64	26.7	47.13	11.19	91.4	26.83	12.02	8.56	0.72	0.61	0.77	1.45			
1990	656.14	126.06	64.18	76.08	32.84	33.91	8.12	11.62	2.02	3.62	83.96	102.36	111.37			
1991	550.07	30.68	49.58	174.66	96.92	15.68	4.16	6.57	2.22	0.76	9.07	30.36	80.34			
1992	680.16	68.63	44.67	126.89	80.17	26.36	10.98	41.11	35.01	37.45	32.4	126.53	49.96			
1993	414.84	98.49	9.93	54.38	102.3	10.47	27.42	3.93	1.26	13.89	34.87	22.01	35.58			
1994	284.81	19.68	47.67	77.05	87.84	26.63	11.67	23.47	4.57	2.5	5.24	32.45	53.04			
1995	456.55	67.54	11.46	111.06	45.68	20.62	28.79	4.37	13.68	1.1	7.66	110.35	34.34			
1996	639.21	103.39	63.28	40	85.96	58.04	35.84	6.11	3.15	9.29	41.26	82.95	108.94			
1997	684.91	112.32	202.61	107.99	28.68	47.14	10.51	7.43	28.53	23.5	31.75	55.73	28.72			
1998	225.37	75.41	36.18	76.69	21.35	7.3	1.85	0.44	0.7	0.3	0.6	1.32	2.89			
1999	209.63	17.77	54.1	22.41	20.05	12.92	4.42	1.79	0.49	0.26	0.94	6.2	28.48			
2000	520.36	26.82	42.52	27.34	23.1	105.47	71.21	41.77	19.07	10.16	16.95	49.43	63.52			
2001	607.14	52.95	109.13	76.68	86.89	14.08	9.36	2.01	2.01	13.28	84.35	43.41	69.97			
2002	369.12	54.1	103.27	82.93	52.43	37.09	11.8	3.36	2.11	0.95	0.7	2.16	21.2			
2003	623.99	14.79	35.52	124.52	60.35	65.79	19.84	8.75	8.82	12.12	75.54	114.64	103.81			
2004	571.93	56.52	10.57	212.29	30.51	98.06	17.26	12.24	3.46	2.56	4.21	27.16	74.09			
	499.16	48.40	58.60	113.32	73.24	32.71	14.26	7.40	7.70	13.29	26.66	46.59	58.98	Average 1960 - 2004		
	499.16	48.40	58.60	113.32	73.24	32.71	14.26	7.40	7.70	13.29	26.66	46.59	58.98	Average1968 - 2004		
	493.52	49.13	59.98	110.19	75.40	29.90	14.01	7.23	7.79	13.63	25.90	45.20	55.16	Average 1968 - 2002		

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1968	124.44	19.42	20.67	26.54	12.76	4.93	2.17	1.23	1.81	1.55	4.25	6.62	22.49			
1969	140.83	19.45	20.51	15.8	38.96	19.41	4.72	1.56	0.67	0.3	0.79	4.46	14.2			
1970	106.3	6.62	8.88	14.51	30.26	8.12	2.43	1.95	1.64	1.14	3.48	6.5	20.77			
1971	108.86	12.67	11.33	33	26.66	5.12	2.75	1.29	0.49	0.58	0.49	0.79	4.69			
1972	126.1	9.19	15.46	21.97	45.38	7.29	2.5	2.15	0.73	0.46	1.41	9.71	21.85			
1973	123.15	30.89	11.18	33.74	15.73	12.23	4.44	1.23	0.62	0.3	0.45	3.69	8.65			
1974	94.94	13.23	8.78	17.57	20.44	14.68	4.89	1.78	0.66	0.3	0.81	3.1	8.91			
1975	129.08	16.61	12.58	26.82	19.28	8.6	5.4	1.81	2.12	7.05	4.04	6.63	17.92			
1976	169.88	14.9	31.85	67.76	15.66	13.7	2.86	2.41	1.03	1.19	2.47	6.76	9.09			
1977	133.58	7.58	7.09	32.38	16.49	3.4	1.31	0.22	1.13	3.74	17.31	18.6	22.93			
1978	122.35	13.01	9.87	13.91	42.46	9.63	3.33	0.93	0.36	1.39	7.97	6.51	13.98			
1979	193.08	12.41	6.17	67.91	48.58	11.64	2.63	1.18	0.61	0.3	1.79	14.41	25.45			
1980	124.98	12.94	4.99	20.08	39.54	10.6	4.34	1.5	1.57	1.08	5.36	11.36	10.62			
1981	128.72	4.33	16.93	23.46	14.76	13.12	3.61	1.27	0.81	3.68	18.33	13.61	14.81			
1982	168.57	10.21	6.17	29.5	54.23	5.99	6.24	2.08	1.2	1.16	2.5	15.54	34.75			
1983	130.24	16.49	16.45	14.16	16.97	17.95	6.08	0.98	0.9	0.88	4.73	9.99	19.65			
1984	134.65	12.74	25.17	26.03	18.74	6.8	6	1.69	0.62	1.47	1.56	11.38	22.45			
1985	238.41	9.65	8.52	93.48	38.17	6.44	4.76	2.94	2.3	8.52	10.28	30.26	23.66			
1986	177.79	19.89	12.54	29.38	16.17	6.08	4.17	1.65	1.32	24.83	33.6	8.33	19.82			
1987	131.88	12.29	6.42	26.21	20.05	3.86	2	2.62	2.12	1.44	3.57	16.41	35.1			
1988	122.24	9.87	15.37	24.38	16.66	6.68	1.25	0.31	0.15	0.31	6.74	26.89	13.62			
1989	70.14	6.71	3.5	13.64	6.78	20.6	9.21	5.03	2.55	0.37	0.31	0.55	0.69			
1990	176.48	19.34	23.73	20.05	17.69	7.16	3.55	2.56	0.82	1.13	14.4	22.46	42.69			
1991	142.21	11.92	11.85	42.22	36.08	7.05	2.48	1.49	0.87	3.32	1.47	5.68	20.78			
1992	223.44	31.1	24.06	29.37	29.04	12.35	3.25	5.41	8.75	12.84	11.07	30.36	25.44			
1993	116.02	21.66	7.16	6.1	27.88	6.91	4.44	2.26	0.83	1.53	8.94	12.27	16.01			
1994	119.24	8.07	10.17	17.87	27.63	15.42	5.21	3.33	2.79	1.56	2.72	6.64	17.63			
1995	139.03	15.04	9.95	30.45	13.79	11.17	6.07	3.02	2.73	0.82	1.68	27.04	16.27			
1996	190.39	13.83	13.18	17.87	29.32	17.4	12.21	3.67	2	2.04	8.25	29.59	40.73			
1997	185.16	26.49	34.28	33.68	16.09	14.46	4.95	2.75	3.98	5.3	9.68	18.47	16.02			
1998	76.43	17.41	13.84	26.74	11.84	4.14	1.27	0.34	0.25	0.3	0.34	0.73	1.48			
1999	53.19	4.21	15.3	7.63	9	6.9	2.41	0.7	0.23	0	0.37	1.84	6.4			
2000	126.14	6.13	6.54	13.49	9.44	13.95	8.44	11.17	7.3	7.82	9.47	10.14	24.25			
2001	196.99	42.02	33.43	27.68	26.63	5.88	4.83	1.14	0.42	0.97	12.9	19.24	21.85			
2002	131.91	29.08	16.77	32.24	19.04	13.17	5.72	1.41	0.96	0.6	0.49	1.01	3.42			
2003	162.2	6.66	11.93	20.52	16.8	16.12	9.82	3.22	2.25	1.41	14.31	28.95	30.21			
2004	142.08	27.33	20.84	36.11	13.38	16.93	7.77	4.63	2.23	1.41	1.33	6.77	1.35			
	139.90	15.55	14.42	27.75	23.88	10.38	4.55	2.30	1.67	2.71	6.21	12.20	18.29	Average 1960 - 2004		
	139.90	15.55	14.42	27.75	23.88	10.38	4.55	2.30	1.67	2.71	6.21	12.20	18.29	Average1968 - 2004		
	139.20	15.47	14.31	27.66	24.38	10.02	4.31	2.20	1.64	2.78	6.12	11.87	18.44	Average 1968 - 2002		

BFI

Year	Year BFI	1	2	3	4	5	6	7	8	9	10	11	12

1968	0.26	0.64	0.14	0.22	0.53	0.62	0.62	0.58	0.12	0.5	0.35	0.16	0.34			
1969	0.28	0.27	0.29	0.15	0.29	0.29	0.59	0.72	0.61	0.68	0.33	0.17	0.69			
1970	0.32	0.61	0.48	0.33	0.22	0.37	0.56	0.21	0.19	0.42	0.39	0.3	0.46			
1971	0.31	0.58	0.43	0.32	0.25	0.6	0.2	0.42	0.57	0.5	0.56	0.21				
1972	0.33	0.33	0.69	0.25	0.29	0.54	0.47	0.38	0.66	0.72	0.15	0.54	0.31			
1973	0.29	0.24	0.42	0.26	0.48	0.35	0.49	0.55	0.36	0.56	0.53	0.15	0.24			
1974	0.23	0.16	0.28	0.2	0.25	0.2	0.4	0.59	0.62	0.48	0.5	0.12	0.72			
1975	0.24	0.24	0.27	0.26	0.15	0.58	0.3	0.4	0.07	0.3	0.76	0.38	0.26			
1976	0.3	0.56	0.2	0.3	0.34	0.36	0.7	0.25	0.58	0.33	0.58	0.14	0.71			
1977	0.24	0.99	0.74	0.13	0.5	0.64	0.46	0.37	0.13	0.12	0.31	0.26	0.34			
1978	0.27	0.78	0.89	0.22	0.21	0.48	0.37	0.7	0.59	0.09	0.14	0.37	0.45			
1979	0.31	0.45	0.63	0.28	0.38	0.58	0.56	0.37	0.66	0.75	0.21	0.17	0.24			
1980	0.3	0.61	0.95	0.13	0.41	0.48	0.52	0.48	0.13	0.23	0.26	0.67	0.19			
1981	0.23	0.8	0.08	0.36	0.43	0.32	0.49	0.43	0.49	0.19	0.18	0.4	0.51			
1982	0.26	0.35	0.96	0.19	0.3	0.66	0.21	0.62	0.37	0.31	0.67	0.19	0.23			

1999	0.18	0.51	0.76	0.47	0.13	0.09	0.03	0.02	0	0	0.01	0.04	0.28		
2000	0.29	0.39	0.8	0.21	0.2	0.51	0.32	0.2	0.12	0.16	0.16	0.31	0.25		
2001	0.37	0.24	0.94	1.3	1.1	0.08	0.05	0.02	0.02	0.08	0.41	0.25	0.42		
2002	0.25	0.38	0.66	0.62	0.33	0.22	0.08	0.03	0.04	0.01	0	0.01	0.28		
2003	0.42	0.09	0.41	2	0.42	0.36	0.13	0.07	0.08	0.08	0.54	0.69	0.67		
2004	0.4	0.25	0.4	1.43	0.31	0.44	0.13	0.07	0.02	0.03	0.04	0.22	0.68		
	0.34	0.41	0.66	1.26	0.75	0.21	0.11	0.08	0.06	0.07	0.18	0.28	0.38	Average 1962 - 2004	
	0.34	0.41	0.66	1.26	0.75	0.21	0.11	0.08	0.06	0.07	0.18	0.28	0.38	Average1968 - 2004	
	0.34	0.42	0.67	1.23	0.77	0.20	0.11	0.08	0.06	0.07	0.18	0.27	0.36	Average 1968 - 2002	

Berrimiller Note Greyed area derived from BWRC provisional streamflow data, mydat data 1989 to 2002

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	814.86	68.22	82.51	46.05	95.02	119.87	90.55	29.9	26.98	22.15	65.41	110.88	44.32	
1961	882.45	25.87	40.91	70.64	69.05	66.72	119.55	95.64	106.71	66.24	44.82	91.4	96.9	
1962	673.94	59.89	37.13	9.51	48.87	28.65	77.82	51.53	53.88	76.26	98.74	45.51	83.01	
1963	666.9	22.38	19.68	54.26	55.05	76.05	61.21	58.61	65.91	53.38	26.46	130.93	71.98	
1964	946.39	71.21	43.94	80.72	71.95	83.39	37	105.07	211.99	53.92	57.63	44.46	85.11	
1965	1016.55	81.98	72.81	31.65	62.11	61.52	24.04	68.34	108.68	136.95	132.19	96.67	115.21	
1966	927.56	43.32	93.61	91.28	62.65	67.21	78.75	13.31	105.14	102.58	52.77	139.07	121.87	
1967	1076.34	60.03	47.56	28.73	108.76	48.89	180.48	71.15	96.48	87.44	115.77	123.74	109.32	
1968	1045.28	71.47	76.95	51.74	51.79	54.23	88.42	66.81	170.76	117.77	71.9	115.43	156.79	
1969	949.21	88.41	29.06	47	105.35	121.41	82.57	81.21	29.18	34.48	139.85	140.36	58.64	
1970	891.26	34.35	27.87	58.12	69.36	73.45	43.04	168.01	39.09	121.36	109.95	62.97	83.69	
1971	790.46	81.48	81.33	58.17	35.41	24.13	93.71	111.55	87.08	43.95	39	52.91	156.74	
1972	940.8	72.17	51.01	67.84	47.11	48.52	118.04	44.09	68.83	75.09	137.36	74.51	124.61	
1973	919.41	53.64	39.6	107.46	49.07	106.51	76.56	73.15	72.44	46.82	82.41	132.26	79.39	
1974	927.28	82.05	40.79	67.23	111.77	138.6	72.8	39.45	32.52	73.2	58.21	136.54	53.12	
1975	1135.28	96.69	78.04	62.45	76.86	69.13	96.36	87.21	200.89	88.15	42.66	86.65	100.19	
1976	1047.95	95.57	68.01	114.51	91.96	87.28	76.69	97.48	65.49	116.16	75.04	92.17	67.59	
1977	1053.32	42.15	69.27	70.71	44.45	22.87	70.69	56.34	214.46	155.09	73.39	118.12	63.78	
1978	805.58	76.54	8.33	35.27	38.69	68	55.51	30.73	61.11	171.71	76.79	96.9	117	
1979	929.07	51.68	28.8	74.15	108.18	83.71	55.82	76.62	65.78	42.39	133.19	136.56	72.09	
1980	918.7	54.29	41.25	73.93	107.2	60.18	60.87	70.49	55.18	104.83	110.95	61.25	88.18	
1981	1055.26	27.41	73.57	59.23	79.45	75.88	65.27	65.48	143.06	132.13	158.09	58.46	66.23	
1982	994.93	60.36	18.72	71.88	64.06	68.22	96.49	73.91	127.52	105.97	49.83	142.55	105.31	
1983	1027.32	39.48	34.96	43.41	104.8	158.22	33.76	33.94	117.47	139.01	85.3	92.26	143.66	
1984	949.92	44.82	56.23	72.64	40.77	100.05	102.42	40.26	92.29	105.85	57.21	107.88	129.49	
1985	1223.62	94.09	127.68	104.53	82.26	103.52	54.81	85.02	159.37	76.49	102.85	126.38	94.61	
1986	1137.2	54.34	52.76	91.34	72.43	78.4	107.93	72.73	93.33	293.31	101.25	43.46	85.92	
1987	935.51	62.93	19.28	62.63	42.78	29.96	84.97	125.13	118.76	79.53	99.68	134.11	75.75	
1988	1001.79	61.29	82.82	54.87	73.61	68.06	16.16	103.89	73.74	135.3	168.68	124.5	95.87	
1989	952.28	55.12	93.02	41.52	64.95	105.74	83.86	6.66	97.26	95.66	82.21	161.74	67.54	
1990	1167.04	76.48	84.34	59.78	56.43	104.72	117.79	83.55	76.91	126.74	142.91	143.95	110.54	
1991	1102.85	57.82	69.76	101.54	125.22	95.79	48.36	119.77	93.55	75.8	119.15	102.44	94.63	
1992	1231.38	82.23	49.16	45.7	132.4	88.49	73.12	149.96	148.27	141.72	72.07	168.13	80.09	
1993	945.63	101.33	27.63	20.13	87.4	65.37	138.98	82.64	68.99	133.98	58.41	87.39	62.18	
1994	920.07	73.46	16.48	49.44	101.18	99.39	72.72	99.16	81.14	95.27	90.5	94.31	67.02	
1995	1173.63	99.25	57.28	55.08	102.19	71.69	123.55	97.57	102.61	49.76	140.63	212.33	66.59	
1996	1230.35	73.83	69.07	44.84	139.18	108.96	111.49	84.4	69.79	190.59	85.23	114.32	137.46	
1997	1055.51	115.74	96.26	103.63	30.96	103.03	49.61	74.17	124.89	111.27	82.96	62.08	46.91	
1998	692.66	77.4	22.72	102.47	38.41	54.18	41.74	29.87	99.52	38.87	38.61	73.25	73.62	
1999	845.38	86.47	68.75	31.61	70.18	71.02	75.8	52.03	63.62	87.55	75.4	156.26	73.67	
2000	1278.34	49.03	45.97	51.89	63.39	104.97	107.81	126.45	96.47	141.09	40.84	142.56	138.77	
2001	1123.01	49.28	117.14	38.73	51.37	104.18	87.78	44.64	100.75	136.04	175.68	101.67	115.75	
2002	911.26	56.69	104.96	71.51	99.98	100.44	81.24	80.9	42.75	57.65	73.45	78.21	63.28	
2003	1062.25	76.24	58.85	51.42	45.3	133.51	66.54	76.56	91.3	125.21	107.54	133.97	95.81	
2004	1032.5	94.44	28.02	112.32	57.24	171.62	81.85	111.91	65.99	36.62	74.77	96.79	101.03	
	981.39	66.34	55.02	63.00	74.20	95.79	82.12	76.66	96.37	99.61	88.57	105.54	90.07	Average 1962 - 2004
	1038.40	76.68	58.40	61.41	79.67	104.07	90.71	82.66	89.13	101.88	89.15	117.46	87.18	Average1989 - 2004
	1037.11	75.44	60.54	58.49	83.87	97.14	90.07	80.87	90.63	104.87	88.86	117.75	85.58	Average 1989 - 2002

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	279.44	59.4	74.63	50.55	8.92	0	0	0	0	0	6.24	20.06	59.64	
1961	205	41.68	11.17	32.61	18.83	15.37	0	0	0	0	0	25.15	65.19	
1962	266.46	73.81	60.3	7.18	4.02	0	0	0	0	0	22.13	10.68	88.34	
1963	243.87	51.23	33.51	17.23	5.97	1.2	0	0	0	0	0	32.58	102.15	
1964	201.63	31.8	40.6	44.27	5.27	0	0	0	0	0	10.16	23.04	46.49	
1965	236.45	72.19	55.6	30.58	22.17	0	0	0	0	0	5.1	10.42	27.39	
1966	260.57	71.52	29.49	34.3	15.13	0.72	0	0	0	0	0.03	30.96	78.42	
1967	258.85	69.7	47.21	29.58	9.27	0	0	0	0	0	3.13	56.81	43.15	
1968	291.22	60.45	57.08	32.2	2.95	0	0	0	0	0	0.65	30.12	66.77	
1969	283.4	89.25	37.35	31.4	0	0.06	0	0	0	0	22.23	50.44	52.67	
1970	245.86	52.41	40.1	32.28	16.74	0	0	0	0	0	0.01	24.43	79.88	
1971	275.03	100.87	35.07	65.39	8.56	0	0	0	0	0	0	27.33	37.71	
1972	293.97	62.3	67.47	27.21	15.4	0	0	0	0	0	7.26	31.68	64.64	
1973	177.65	40.19	35.23	18.22	3.39	0	0	0	0	0	0	19.61	61.01	
1974	174.22	33.15	38.22	30.24	2.21	0.25	0	0	0	0	1.24	24.29	44.57	
1975	279.21	62.69	53.37	32.31	16.57	0	0	0	0	0	0	13.6	82.67	
1976	453.04	132.66	46.09	37.42	9.66	0.68	0	0	0	0	5.19	67.63	103.5	
1977	258.42	95.32	41.6	11.38	2.21	0	0	0	0	0	0.01	28.37	79.53	
1978	236.96	113.66	17.06	9.24	2.64	0.01	0	0	0	0	0.01	7.55	36.76	
1979	189.35	81.41	27.29	16.62	24.24	0	0	0	0	0	2.64	16.36	18.79	
1980	267.88	62.72	59.87	35.19	1.8	0	0	0	0	0	1.68	21.18	84.57	
1981	247.12	65.1	47.02	39.27	0.02	0	0	0	0	0	27.61	8.09	60.01	
1982	237.91	116.88	33.17	27.25	15.58	0	0	0	0	0	0.32	11.61	33.12	
1983	256.74	21.72	11.27	24.1	4.59	0	0	0	0	0	0	35.4	159.66	
1984	173.78	58.21	25.9	43.35	3.96	0.66	0	0	0	0	0	0.9	40.8	
1985	425.02	129.43	112.96	30.2	17.04	0	0	0	0	0	0	10.96	124.43	
1986	237.87	62.32	32.54	30.99	11.41	0	0	0	0	0	0	32.71	44.9	
1987	191.6	75.94	17.18	20.64	9.5	0	0	0	0	0	3.19	35.37	29.77	
1988	273.62	51.14	100.58	20.13	2.99	0	0	0	0	0	9.18	4.97	84.42	
1989	208.89	29.4	70.12	21.99	26.73	2.42	0	0	0	0	4.84	54.9	98.48	
1990	163.54	40.82	30.18	11.41	7.11	1.83	0	0	0	0	0.23	19.15	52.61	
1991	314.76	85.67	79.11	19.75	3.97	0	0	0	0	0	0	29.28	97.08	
1992	248.45	94.59	32.02	25.9	4.42	0	0	0	0	0	9.71	25.92	55.89	
1993	245.45	61.62	61.14	21.4	4	0	0	0	0	0	1.39	23.22	70.68	
1994	225.02	98.58	29.65	36.73	4.59	0	0	0	0	0	0	19.76	36.71	
1995	387.27	80.51	69.75	19.81	11.06	0	0	0	0	0	0	98.26	97.89	
1996	319.95	52.4	37.04	56.53	15.99	0	0	0	0	0	0	74.45	83.54	
1997	307.67	125.79	28.58	70.53	4.17	3.01	0	0	0	0	25.82	20.8	30.96	
1998	139.99	30.38	0.49	55.72	0	0	0	0	0	0	0	5.74	37.66	
1999	270.44	136.06	13.14	32.94	7.87	0	0	0	0	0	0	36.77	43.56	
2000	384.79	49.6	37.77	15.14	16.3	0	0	0	0	0	0	84.76	200.22	
2001	242.15	43.2	46.46	36.48	6.58	0	0	0	0	0	7.26	5	96.87	
2002	280.82	59.79	55.49	46.74	14.86	0.66	0	0	0	0	1.66	43.05	58.57	
2003	325.96	126.64	64.07	36.22	7.68	0	0	0	0	0	3.28	24.32	54.74	
2004	309.75	153.38	21.52	36.43	1.22	0	0	0	0	0	0	14.92	82.28	
	263.07	73.91	44.64	31.30	9.24	0.44	0.00	0.00	0.00	0.00	4.05	28.77	70.73	Average 1962 - 2004
	280.38	79.27	43.55	34.01	8.67	0.37	0.00	0.00	0.00	0.00	3.39	36.21	74.92	Average1989 - 2004
	275.03	69.95	43.65	33.68	9.27	0.42	0.00	0.00	0.00	0.00	3.64	38.58	75.84	Average 1989 - 2002

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1969	349.19	58.03	21.47	81.47	65.98	21.45	26.71	4.24	3.83	3.69	6.44	38.94	16.94	
1990	623.07	79.67	55.74	94.84	44.65	28.11	13.63	11.66	5.16	7.23	78.52	101.24	102.42	
1991	552.17	43.5	52.63	175.12	111.49	27.82	10.12	12.26	9.11	2.84	13	25.86	69.46	
1992	753.79	59.86	39.56	126.81	106.14	40.01	11.19	23.36	44.4	50.64	40.68	145.64	62.5	
1993	514.24	115.3	15.58	44.73	141.53	18.23	39.69	10.45	5.46	14.92	33.86	28.32	28.18	
1994	450.22	22.47	72.22	87.55	99.26	46.18	12.82	15.49	9.88	6.35	9.14	30.31	43.55	
1995	518.34	76.48	13.86	129.73	48.71	25.18	29.31	6.88	25.52	3.16	9.7	107.88	41.95	
1996	628.85	86	63.55	54.26	98.34	62.51	39.47	9.05	4.8	29.06	36.73	63.31	83.77	
1997	622.83	82.27	122.2	148.25	62.17	50.63	12.34	8.03	13.45	17.68	19.01	45.5	20.32	
1998	326.63	103.21	43.22	110.51	37.07	11.54	4.25	2.42	1.75	1.26	2.23	2.87	6.3	
1999	215.98	39.4	55.96	29.1	20.75	11.68	5.36	3.67	1.72	1.04	2.97	11.38	24.07	
2000	547.12	27.25	61.22	36.48	29.77	112.64	76.8	34.5	23.4	20.29	20.47	58.96	52.74	
2001	645.14	48.96	157.82	79.68	113.87	23.17	19.27	5.37	3.76	8.26	65.31	44.84	74.74	
2002	387.75	52.18	85.32	94.2	65	42.49	22.43	5.59	4.29	1.75	3	5.08	16.43	
2003	390.08	24.37	47.08	129.8	53.36	52.64	21.91	11.1	20.23	8.44	49.05	90.02	82.08	
2004	647.86	66.68	127.16	142.49	65.27	80.91	22.85	22.52	8.08	5.12	6.49	26.74	70.91	
	523.77	62.48	63.41	97.81	73.21	41.20	23.11	11.67	11.36	11.92	24.79	51.74	51.56	Average 1962 - 2004
	523.77	62.48	63.41	97.81	73.21	41.20	23.11	11.67	11.36	11.92	24.79	51.74	51.56	Average1989 - 2004
	533.17	64.90	60.03	92.34	75.20	37.33	23.21	10.94	10.97	12.65	24.36	50.79	47.45	Average 1989 - 2002

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	

1989	203.82	36.46	9.21	63.89	33.08	5.2	13.52	1.41	1.74	1.42	2.76	30.06	5.07										
1990	376.5	58.16	27.31	64.48	18.27	16.51	6.08	5.51	1.76	3.35	57.89	47.76	49.4										
1991	241.53	21.6	65.06	122.15	61.89	14.11	4.14	8.26	5.67	0.72	8.88	17.61	42.18										
1992	450.16	26.9	13.38	91.23	60.1	20.74	5.87	17.02	20.79	31.23	22.75	102.33	27.81										
1993	329.82	90.62	3.4	34.28	101.52	4	29.06	3.06	0.91	9.91	20.84	11.57	18.74										
1994	280.77	10.93	57.7	62.98	58.77	21.41	5.33	9.95	1.99	1.24	4.37	19.77	24.32										
1995	353.78	58.24	3.6	104.54	28.92	9.71	21.76	1.88	20.22	0.4	5.91	77.66	20.93										
1996	389.17	68.82	46.62	29.59	56.93	37.35	20.66	2.9	1.68	24.1	23.28	33.32	43.92										
1997	365.84	62.11	62.35	104.22	28.96	28.96	5.17	3.01	9.49	11.56	10.17	29.61	11.21										
1998	198.73	76.83	25.43	67.03	15.61	4.52	1.01	0.58	0.64	0.36	0.86	0.92	2.94										
1999	128.47	29.93	33.82	16.53	14.47	6.95	1.79	1.81	0.48	0.14	1.47	9.81	14.27										
2000	376.99	17.31	33.36	16.94	14.8	92.67	63.9	19.12	13.21	25.1	7	43.55	33.03										
2001	388.97	11.58	117.74	41.81	76.88	13.22	9.63	1.65	1.88	5.91	49.84	17.86	41.85										
2002	198.01	13.22	54.13	50.99	34.17	18.56	10.59	1.79	1.7	0.25	1.56	1.64	9.92										
2003	156.12	12.52	21.11	84.58	23.93	32.4	9.42	4.4	14.04	5.91	33.75	12.58	42.47										
2004	418.6	32.74	75.81	132.5	32.25	51.99	9.36	12.92	2.38	1.39	2.97	16.58	57.71										
	322.96	39.38	40.63	67.42	41.33	23.71	13.58	5.97	6.79	7.42	15.80	33.07	27.66	Average 1962 - 2004									
	322.96	39.38	40.63	67.42	41.33	23.71	13.58	5.97	6.79	7.42	15.80	33.07	27.66	Average1989 - 2004									
	315.18	41.77	39.51	62.26	43.23	21.21	14.18	5.59	6.58	7.96	15.43	32.76	24.68	Average 1989 - 2002									

RI

Year	Year RI	1	2	3	4	5	6	7	8	9	10	11	12										
1989	0.23	0.66	0.18	1.54	0.51	0.05	0.16	0.21	0.02	0.02	0.03	0.19	0.08										
1990	0.32	0.73	0.42	1.08	0.32	0.16	0.05	0.07	0.02	0.03	0.41	0.47	0.45										
1991	0.31	0.37	0.51	1.2	0.49	0.15	0.09	0.07	0.06	0.01	0.07	0.17	0.45										
1992	0.37	0.33	0.28	1.95	0.45	0.23	0.08	0.11	0.21	0.22	0.32	0.61	0.35										
1993	0.35	0.89	0.09	1.7	1.16	0.08	0.21	0.04	0.01	0.07	0.35	0.13	0.3										
1994	0.31	0.15	3.5	1.29	0.54	0.22	0.07	0.1	0.02	0.01	0.07	0.21	0.36										
1995	0.3	0.59	0.06	1.9	0.28	0.14	0.18	0.02	0.2	0.01	0.04	0.37	0.31										
1996	0.32	0.93	0.67	0.66	0.41	0.34	0.19	0.03	0.02	0.13	0.27	0.29	0.32										
1997	0.4	0.54	0.96	1.01	0.94	0.28	0.11	0.04	0.08	0.1	0.12	0.46	0.24										
1998	0.29	1.02	1.12	0.65	0.4	0.08	0.02	0.02	0.01	0.01	0.02	0.01	0.04										
1999	0.15	0.34	0.68	0.52	0.21	0.1	0.02	0.02	0.01	0	0.02	0.06	0.19										
2000	0.29	0.38	0.73	0.33	0.23	0.51	0.32	0.15	0.13	0.15	0.17	0.31	0.24										
2001	0.35	0.24	1.01	1.08	1.5	0.13	0.11	0.04	0.02	0.04	0.28	0.18	0.36										
2002	0.22	0.23	0.52	0.71	0.34	0.18	0.13	0.02	0.04	0	0.01	0.02	0.16										
2003	0.32	0.16	0.38	1.64	0.55	0.23	0.14	0.06	0.15	0.05	0.31	0.4	0.44										
2004	0.41	0.35	2.7	1.08	0.56	0.3	0.11	0.12	0.04	0.04	0.04	0.17	0.57										
	0.31	0.49	0.86	1.15	0.56	0.20	0.12	0.07	0.07	0.06	0.16	0.25	0.30	Average 1962 - 2004									
	0.31	0.49	0.86	1.15	0.56	0.20	0.12	0.07	0.07	0.06	0.16	0.25	0.30	Average1989 - 2004									
	0.30	0.53	0.77	1.12	0.56	0.19	0.12	0.07	0.06	0.06	0.16	0.25	0.28	Average 1989 - 2002									

Lucknow (Nine Mile) Note Greyed area derived from BRFU provisional streamflow data. Hydat data 1962 to 1995

BRFU provisional data not included as known to be erroneous (bad rating curve)

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	931.9	131.9	94.2	52.6	78.6	120.3	68.7	21.3	53.6	62.5	66.3	116	85.9
1961	1054.9	53.9	39.7	78.1	61.5	62.1	121.2	184.2	117.2	95.3	51.2	80.5	97
1962	836.7	84.5	53.2	23.2	50.3	43	54	79.4	48.7	101.6	133.1	43.3	145.4
1963	854.9	49.4	22.8	73.5	55.4	76.4	64.6	67.6	70.7	95.1	24.9	149.6	115.7
1964	871.1	51.6	60.3	53.2	44.6	92.7	39.5	108.8	158.4	98.1	53.2	53.2	88.5
1965	1043	102.1	150.5	27.1	66.6	92.7	25.6	52.1	105.7	147.2	81.8	104.4	118.4
1966	932.2	53.9	58.3	113.8	69.3	50.9	49.5	16	92.4	91.1	76.3	101.8	159.9
1967	1219.9	103.6	74.4	38.4	96.4	61.4	188.1	20.3	146.6	99.7	134.7	158.7	110.6
1968	1082.1	64.9	112.6	46.8	53.6	44.5	101.9	63.6	134.9	110.9	114.4	104.5	129.5
1969	1085.7	117.3	31	51.2	98.3	96.2	118.7	64.2	14.8	77.6	167.4	150.7	96.3
1970	888.5	92.8	38.2	52	50.4	37.8	32.3	187.6	43	104.2	87.2	57.8	105.2
1971	924.6	123.9	80.4	58.1	52.8	37.6	76.9	128.4	81.1	51.4	34.3	74.3	122.4
1972	924.8	105.1	72.7	25.9	28.4	26.2	110.6	55.1	93.4	45.7	127.1	64.7	160.5
1973	889.2	49.5	34.1	83.2	62.3	105.6	61.8	92	26	46.5	98.7	143.2	87.4
1974	1178	122.8	86.9	70.1	146.7	122.2	57.2	76.4	79	80	111.8	147.4	57.3
1975	1112.3	161.7	99.1	89	73.4	63.5	79	85.3	106.8	88.6	33	89.6	143.1
1976	1087	125.4	65.8	112.7	48.6	103.8	94	73.6	27.6	123	89.3	118.4	124.5
1977	1114.6	96.6	76.3	68	35.8	21.6	85.5	44.4	252.1	147.5	90.4	124.6	73.8
1978	700.2	75.2	15.9	5.9	22.2	75.9	91	35	76.3	80	55.1	47.1	118.6
1979	887	85.2	19.6	62.8	134	54.5	42	38	79	20.5	159	105.3	68.3
1980	955.3	68.1	68.6	63.9	91.5	71	70	106.5	43.5	101	94.5	95	81.3
1981	982.2	63.6	57	51.8	99	76.5	69.5	50.9	123	118.3	118.6	75.4	78.6
1982	1012	62.4	17.8	49.3	61.5	64.5	101	69	107	81.5	50.5	146.4	129.1
1983	999.5	56.4	41.6	62.2	96.2	118.5	29	36	149	135.5	156.5	71.7	96.9
1984	962.5	60.8	67.8	68.3	58.4	138.5	107.5	43.7	63	143.5	63.2	72	83.8
1985	1163.7	95.4	130.2	98.6	77.8	108.5	55	65.5	115	115.5	100	98.7	123.3
1986	1256.4	75.4	58.4	68.8	80.9	61.5	175	103.7	106.2	301.5	91	85.2	62.8
1987	1052.1	81	13.5	68.2	49.7	48	123.5	63.5	143	94.5	165.5	123.7	78
1988	1183.3	87.7	127.2	54.7	63.7	90.5	19	51.7	97	136	240.5	110.1	111.2
1989	931.8	54.8	45.8	77.7	63.2	125.4	105.2	0.5	88.5	56.5	70.8	165.9	77.5
1990	1238.1	117.2	96.1	68.4	102.3	95	69	90	57.5	101	155.5	141.8	119.3
1991	1138.9	49.6	58.9	92.6	114	106.2	67.5	102.5	94.5	101	115.5	140.8	96.8
1992	1118.6	67.4	39.6	50.3	117.6	38.5	79	111.5	145	146	71.9	193.3	60.5
1993	969.3	81.8	43.6	14.1	95.6	51	132.4	68.7	43.7	198	54	84.8	104.6
1994	1038.8	141.5	36.8	70.8	97.8	87.7	76.1	103.6	76.5	101.7	54.5	109.6	91.1
1995	1470.7	152.6	125.4	66.6	191.6	55.8	178.7	111.5	114.7	34.7	141.5	258.9	119.9
1996	1306.4	73.5	86.2	55	109.7	121	122	87.7	79	201	102	175.5	234
1997	1212.3	179.8	115.2	130.6	30.7	116.4	42.3	91	135.8	137	81.6	92.7	81.2
1998	747.6	52.2	21	129.8	42.8	78.8	35.3	24	83.8	28.8	57.3	95.1	87.7
1999	674.5	138.2	48.3	34.3	105.6	97.5	54.3	49.6	59.9	97.3	74.8	125.3	89.4
2000	1574.2	63	54	78.3	68.3	203.3	200.1	126	128.1	158.1	63.9	171	260.1
2001	1307.4	75	139	65.4	56.6	85.7	90.6	70.6	82.8	167.1	204.2	95.4	195
2002	1060.1	100.9	173.1	105.8	104.3	114.5	81.2	72.8	34.3	35.2	92.1	88.6	87.3
2003	1322.4	171.9	88.1	60.4	51.6	164.1	77.2	94.6	82.9	148.1	128.4	116.1	149
2004	1238.7	173.5	47.7	138	60.2	201	75.4	122.3	63.7	65.9	78.1	102.4	135.5
	1068.58	93.56	68.82	67.63	75.22	86.42	65.22	75.91	92.33	104.54	96.03	110.71	112.18	Average 1962 - 2004
	1082.01	83.46	64.27	65.65	65.99	84.43	64.21	73.93	99.01	122.14	105.56	118.46	94.92	Average1989 - 1995
	1082.01	83.46	64.27	65.65	65.99	84.43	64.21	73.93	99.01	122.14	105.56	118.46	94.92	Average 1989 - 1995

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	387.1	111.8	72.2	58.7	5.1	0	0	0	0	0	3.8	12.7	121.8
1961	249.7	86.4	10.1	33.1	19	7.6	0	0	0	0	0	17.8	75.7
1962	421.6	106.4	77.6	9.1	2.5	0	0	0	0	0	27.4	8.7	189.9
1963	378.9	111.5	44.1	22.2	7.6	0	0	0	0	0	0	10.1	183.4
1964	229.5	20.8	61.9	30.7	4	0	0	0	0	0	8.1	41.1	62.9
1965	432.3	148.6	160.7	30	12.7	0	0	0	0	0	5.1	15.1	40.1
1966	362.8	96.8	50.1	43.2	23.3	0	0	0	0	0	0	4.9	144.5
1967	315.6	100.2	73.1	36.9	7.4	0	0	0	0	0	2.5	47	48.3
1968	413.9	63.7	108.1	28	2.5	0	0	0	0	0	7.6	38	146
1969	468.7	168.5	81	49.6	0	5.1	0	0	0	0	16.3	64.8	105.4
1970	403.7	161.5	61.1	49.5	20.3	0	0	0	0	0	0	24.9	106.4
1971	463.9	200.4	70	68	17.8	0	0	0	0	0	0	51.3	58.4
1972	380.7	115.7	120.6	30.3	7.6	0	0	0	0	0	12.7	21.6	72.2
1973	216.9	54.6	49.6	25.4	10.1	0	0	0	0	0	0	24	53.2
1974	306.7	91.3	72.5	43.2	3.3	0	0	0	0	0	10.1	33	53.3
1975	368.7	120.8	68.6	40.7	38.4	0	0	0	0	0	0	10.1	88.9
1976	577.4	173.9	59	32.8	16.5	5.1	0	0	0	0	2.5	99.8	198
1977	424.8	198.4	68.5	15.2	2.5	0	0	0	0	0	0	38.1	103.1
1978	264	112	29	7	3	0	0	0	0	0	0	7	96
1979	291.5	149	42	16.5	25	0	0	0	0	0	0	11	38
1980	331.2	96.2	103	50	3	0	0	0	0	0	0	11	71
1981	342	145.5	69.5	46	0	0	0	0	0	0	17	5	79
1982	274.5	138	31	31	16.5	0	0	0	0	0	0	12	52
1983	276.5	54	16.5	41	2	0	0	0	0	0	0	13	149
1984	229	53	46	28	2	0	0	0	0	0	0	8	52
1985	454	143	94	32	14	0	0	0	0	0	0	7	164
1986	327.6	108.6	79	51	7	0	0	0	0	0	0	33	58
1987	220.2	88	14.6	25	22	0	0	0	0	0	0	26	31.6
1988	492.2	108	192	33	3	0	0	0	0	0	11.6	4	131.6
1989	283	37.2	67.2	50	24	1	0	0	0	0	2	66.4	105
1990	280.8	89	86	8	26	1.6	0	0	0	0	0	6.6	63.6
1991	261.5	71	76.5	23	9	0	0	0	0	0	0	63.5	117.5
1992	294	107.7	37.8	46	9.5	0	0	0	0	0	13	37	43
1993	212.2	49	40	14	19	0	0	0	0	0	0	14.7	115.5
1994	427.5	239.2	59	60.8	2.4	0	0	0	0	0	0	22.7	43.6
1995	704	128.8	198.8	26.5	16.5	0	0	0	0	0	0	125.7	207.7
1996	523.2	64.2	65.5	76.6	26.3	0	0	0	0	0	0	124.5	166.1
1997	487.1	210.6	70.1	82.8	7.2	4.1	0	0	0	0	25	26.9	58.4
1998	147.5	18.9	0	68.6	0	0	0	0	0	0	0	7.7	52.3
1999	411.6	254.9	19.9	30	10.2	0	0	0	0	0	0	33.8	62.8
2000	634.5	60.6	52.3	28.2	23.7	0	0	0	0	0	0	97.5	372.2
2001	375.7	66.5	73.9	41	7.8	0	0	0	0	0	4.6	4.6	177.1
2002	433	92.6	109.9	79.7	15.4	0	0	0	0	0	0	54.5	80.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1960	0.45	0.57	0.87	0.23	0.48	0.64	0.67	0.54	0.75	0.5	0.42	0.69	0.34				
1961	0.42	0.83	0.15	0.58	0.64	0.46	0.57	0.47	0.36	0.32	0.4	0.45	0.62				
1962	0.41	0.58	0.85	0.24	0.42	0.64	0.25	0.68	0.56	0.61	0.74	0.34	0.41				
1963	0.6	0.78	0.51	0.72	0.4	0.54	0.66	0.79	0.64	0.38	0.55	0.6	0.54				
1964	0.45	0.96	0.25	0.45	0.59	0.42	0.54	0.78	0.78	0.51	0.7	0.43	0.43				
1965	0.48	0.76	0.29	0.44	0.43	0.54	0.69	0.75	0.61	0.5	0.54	0.45	0.75				
1966	0.48	0.66	0.79	0.27	0.64	0.62	0.5	0.72	0.7	0.22	0.6	0.77	0.72				
1967	0.5	0.85	0.84	0.34	0.56	0.76	0.52	0.74	0.53	0.65	0.3	0.43	0.48				
1968	0.46	0.53	0.49	0.56	0.63	0.55	0.75	0.67	0.74	0.65	0.19	0.46	0.45				
1969	0.51	0.64	0.7	0.25	0.58	0.67	0.49	0.74	0.73	0.86	0.74	0.3	0.79				
1970	0.44	0.32	0.59	0.33	0.63	0.52	0.71	0.63	0.76	0.63	0.26	0.33	0.51				
1971	0.49	0.7	0.46	0.39	0.53	0.53	0.55	0.44	0.69	0.68	0.42	0.36	0.5				
1972	0.48	0.64	0.66	0.33	0.54	0.66	0.65	0.67	0.38	0.31	0.58	0.32	0.67				
1973	0.47	0.38	0.84	0.32	0.39	0.73	0.47	0.73	0.79	0.27	0.51	0.73	0.6				
1974	0.44	0.56	0.38	0.4	0.44	0.56	0.5	0.58	0.49	0.52	0.6	0.32	0.55				
1975	0.45	0.36	0.87	0.27	0.58	0.64	0.44	0.67	0.23	0.8	0.45	0.35	0.75				
1976																	
1977																	
1978																	
1979																	
2000																	
2001																	
2002																	
2003																	
2004																	
	0.47	0.63	0.59	0.37	0.54	0.59	0.56	0.68	0.61	0.53	0.51	0.46	0.57	Average 1960~2004			
	0.47	0.63	0.59	0.37	0.54	0.59	0.56	0.68	0.61	0.53	0.51	0.46	0.57	Average1960~1995			
	0.47	0.63	0.59	0.37	0.54	0.59	0.56	0.68	0.61	0.53	0.51	0.46	0.57	Average 1960~1995			

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12

1960	330.68	20.49	2.54	104.69	69.85	12.67	5.44	6.78	1.96	7.76	29.88	12.36	56.14				
1961	343.63	3.22	152.38	40.04	23.28	29.93	7.61	2.27	4.96	14.13	22.92	25.96	16.91				
1962	396.06	18.44	2.96	102.95	66.42	11.5	53.49	5.22	6.57	5.56	3.61	34.68	64.66				
1963	194.31	11.78	31.59	14.41	23.17	23.99	6.85	2.04	4.1	13.38	14.64	16.74	31.62				
1964	375.08	1.37	143.67	61.58	30.5	30.95	13.4	2.72	1.89	8.02	5.41	33.99	44.19				
1965	430.88	11.47	78.61	138.91	193	18	6.16	3.08	5.05	11.7	13.16	33.64	10.9				
1966	410.41	28.24	7.38	125.76	24.26	12.23	15.45	4.58	4.93	125.91	38.02	9.67	15.97				
1967	269.94	6.22	3.91	87.67	29.81	4	7.73	2.9	5.79	2.84	23.58	41.04	54.45				
1968	319.23	39.31	38.41	73.88	20.37	14.22	1.83	0.58	1.17	2.75	52.39	45.4	40.67				
1969	186.3	20.2	8.82	76.49	25.4	9.12	14.71	1.93	1.74	0.7	1.79	20.67	4.72				
1970	384.9	77.21	27.45	86.06	21.74	16.19	3.08	3.22	1.61	3.16	29.37	63.29	52.52				
1971	253.19	17.7	38.32	155.1	59.85	21.91	10.61	11.06	2.68	2.05	12.73	32.09	43.08				
1972	395.35	26.58	16.84	106.68	52.74	10.65	4.89	3.83	17.01	32.84	13.64	87.59	22.06				
1973	296.55	68.71	4.45	48.37	81.74	8.28	19.46	3.24	1.41	21.64	16.4	8.17	16.68				
1974	244.96	10.89	52.67	67.02	76.57	31.1	13.05	8.26	11.84	7.32	5.72	36.47	24.05				
1975	364.08	56.62	3.26	102.18	25.48	11.72	9.49	3.96	38.41	2	10.35	81.23	19.35				
1976																	
1977																	
1978																	
1979																	
2000																	
2001																	
2002																	
2003																	
2004																	
	227.41	25.52	38.17	83.61	46.89	16.65	12.09	4.11	6.97	16.36	18.36	36.32	32.37	Average 1960~2004			
	227.41	25.52	38.17	83.61	46.89	16.65	12.09	4.11	6.97	16.36	18.36	36.32	32.37	Average1960~1995			
	227.41	25.52	38.17	83.61	46.89	16.65	12.09	4.11	6.97	16.36	18.36	36.32	32.37	Average 1960~1995			

RI

Year	Year RI	1	2	3	4	5	6	7	8	9	10	11	12

1960	0.35	0.3	0.04	1.11	0.76	0.18	0.08	0.06	0.05	0.08	0.32	0.19	0.69				
1961	0.35	0.05	2.67	0.77	0.24	0.38	0.11	0.04	0.04	0.12	0.19	0.34	0.22				
1962	0.39	0.24	0.17	2.08	1.38	0.17	0.35	0.08	0.06	0.07	0.07	0.24	0.5				
1963	0.19	0.21	0.76	0.23	0.24	0.2	0.24	0.06	0.03	0.1	0.14	0.23	0.33				
1964	0.38	0.02	2.08	0.88	0.52	0.22	0.13	0.06	0.02	0.06	0.09	0.47	0.53				
1965	0.36	0.12	0.61	1.39	1.29	0.34	0.11	0.05	0.04	0.1	0.13	0.34	0.09				
1966	0.33	0.35	0.12	1.88	0.28	0.2	0.09	0.04	0.05	0.42	0.42	0.21	0.25				
1967	0.26	0.08	0.29	1.29	0.4	0.08	0.06	0.05	0.04	0.03	0.14	0.33	0.7				
1968	0.27	0.33	0.3	1.35	0.32	0.16	0.1	0.01	0.02	0.02	0.22	0.39	0.37				
1969	0.2	0.37	0.19	0.98	0.4	0.07	0.14	3.66	0.02	0.01	0.03	0.12	0.06				
1970	0.32	0.66	0.29	1.26	0.21	0.17	0.04	0.04	0.03	0.03	0.2	0.45	0.44				
1971	0.31	0.36	0.65	1.09	0.52	0.21	0.16	0.11	0.03	0.02	0.11	0.23	0.45				
1972	0.35	0.39	0.43	2.12	0.45	0.28	0.06	0.03	0.12	0.23	0.19	0.45	0.36				
1973	0.31	0.85	0.1	3.43	0.86	0.16	0.25	0.05	0.03	0.11	0.3	0.1	0.16				
1974	0.33	0.08	1.43	0.95	0.78	0.32	0.17	0.08	0.15	0.07	0.1	0.36	0.3				
1975	0.25	0.37	0.03	1.68	0.26	0.21	0.05	0.04	0.33	0.06	0.07	0.31	0.14				
1976																	
1977																	
1978																	
1979																	
2000																	
2001																	
2002																	
2003																	
2004																	
	0.31	0.30	0.64	1.41	0.57	0.20	0.13	0.29	0.07	0.10	0.17	0.30	0.35	Average 1960~2004			
	0.31	0.30	0.64	1.41	0.57	0.20	0.13	0.29	0.07	0.10	0.17	0.30	0.35	Average1960~1995			
	0.31	0.30	0.64	1.41	0.57	0.20	0.13	0.29	0.07	0.10	0.17	0.30	0.35	Average 1960~1995			

Bovte Dr

Note Grewol area derived from BRFU oroutonal rewerflow data. Hodat data 1968 to 1976

No BRFU data presented here

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	712.04	59.25	53.38	26.08	83.5	120.02	75.9	36.65	52.01	18.2	57.6	101.84	27.4
1961	660.08	11.56	37.38	37.95	66.01	68.57	132.77	126.36	81.81	90.53	37.27	76.45	87.42
1962	618.72	39.97	26.54	3.24	50.59	33.1	81.89	52.02	82.72	66.46	80.36	56.76	48.26
1963	640.29	17.04	15.25	41.98	69.56	77.27	52.63	60.84	68.52	71.48	19.62	93.75	52.29
1964	838.45	58.02	28.45	73.58	64.77	98.11	41.86	104.46	186.15	39.4	42.21	39.37	72.07
1965	984.53	67.06	61.36	19.53	52.53	76.04	26.98	106.01	135.97	113.76	158.68	92.02	83.59
1966	926.44	48.48	68	70.81	58.49	65.44	105.97	15.34	113.05	94.26	38.14	152.14	100.12
1967	1052.05	51.3	46.44	26.94	113.41	49.98	195.42	67.94	102.28	96.21	108.33	155.02	98.58
1968	987.53	61.29	55.73	51.54	40.29	51.43	77.27	64.87	175.57	132.65	70.24	123.44	93.21
1969	893.67	73.38	29.44	43.09	109.12	101.88	61.03	96.25	49.49	23.37	94.43	151.68	54.31
1970	941.45	27.85	26.49	45.95	88.56	93.38	55.49	122.27	58.05	146.01	112.51	70.06	94.84
1971	807.34	55.81	92.35	43.89	37.08	24.32	80.14	122.82	109.12	45.44	36.06	50.72	109.48
1972	912.65	65.1	49.57	76.82	60.76	38	98.25	48.6	52.51	94.88	130.05	73.22	119.39
1973	938.88	48.23	49.24	114.18	48.53	107.4	85.95	58.24	79.58	52.68	84.06	135.4	78.97
1974	955.87	78.66	62.79	90.63	111.6	151.79	60.45	35.2	26.27	68.33	45.82	140.63	59.31
1975	1028.94	89.77	77.65	61.76	58.47	39.38	91.95	81.93	203.77	80.62	95.8	89.95	78.49
1976	1058.1	66.79	68.68	104.7	115.79	87.15	80.57	113.63	61.74	116.76	100.49	63.91	45.93
1977	926.53	25.58	64.52	66.88	47.48	23.3	86.89	58.91	175.23	164.82	54.9	99.34	59.78
1978	826.91	66.89	9.12	41.76	52.75	60.67	43.4	38.58	89.86	180.29	67.04	79.4	88.97
1979	938.13	25.93	24.77	63.62	105.07	86.49	59.07	76.89	77.33	58.19	124.88	155.84	66.75
1980	909.12	41.14	33.03	70.74	96.75	62.35	117.11	61.17	63.74	105.36	105.38	62.02	90.37
1981	945.66	14.98	55.42	39.17	71.42	81.56	68.47	70.68	177.97	129.13	131.18	58.49	48.19
1982	1031.94	47.62	18.68	72.22	65.73	73.51	91.19	77.33	171.28	118.25	47.78	137.57	111.78
1983	1040.83	31.95	39.14	39.08	105.63	170.68	32.67	37.59	135.97	134.01	90.71	99.96	124.44
1984	949.17	50.27	52.48	69.73	38.19	96.48	91.49	45.81	93.26	104.94	66.68	108.02	112.83
1985	1159.46	77.12	143.47	86.41	87.53	96.39	55.82	81.34	185.53	63.91	89.1	116.6	76.24
1986	1061.05	50.6	45.64	61.48	66.07	80.02	108.14	68.42	73.97	277.83	113.6	36.98	79.1
1987	898.03	52.44	14.89	63.11	42.79	26.18	61.74	125	122.8	73.86	103.91	143.21	68.1

	388.69	26.71	30.56	111.89	116.09	22.67	4.66	1.29	6.07	7.46	7.53	21.96	31.61	Avertase 1962~2004
	388.69	26.71	30.56	111.89	116.09	22.67	4.66	1.29	6.07	7.46	7.53	21.96	31.61	Average1968~2004
	388.69	26.71	30.56	111.89	116.09	22.67	4.66	1.29	6.07	7.46	7.53	21.96	31.61	Average 1968~1978

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1968	72.96	5.66	6.96	16.08	8.18	3.28	0.59	0.14	1.1	2.06	4.75	7.93	16.03
1969	76.61	7.11	10.02	9.58	30.02	9.98	1.49	0.31	0.22	0	0.05	2.31	5.49
1970	66.24	2.22	3	5.98	26.89	4.45	0.94	0.28	0	0.1	1.19	5.28	15.89
1971	72.26	5.54	3.44	19.19	33.32	1.72	1.05	0.31	0.26	0.3	0.31	6.49	6.42
1972	109.84	11.89	4.95	15.37	43.03	2.66	0.93	1.72	0	0	0.84	11.6	16.65
1973	85.18	20.71	5	31.68	9.79	7.28	1.64	0.39	0.25	0	0	1.71	5.33
1974	58.19	8.84	8.15	14.64	16.78	7.52	0.66	0.25	0	0	0	0.42	0.93
1975	90.57	4.75	6.63	22.52	20.76	2.75	0.89	0.22	1.56	6.66	2.9	6.16	14.77
1976	157.07	15.75	27.65	87.22	9.07	6.17	0.03	0.17	0	0.11	1.23	2.93	6.5
1977	73.23	4.66	4.4	21	10.49	0.74	0	0	0.1	1.28	8.54	6.78	12.93
1978	63.22	5.26	6.32	6.66	30.63	3.32	0.51	0	0	0.5	0.66	2.04	9.42

	84.13	8.43	7.79	22.75	21.71	4.54	0.79	0.36	0.32	1.00	1.86	4.53	10.03	Average 1962~2004
	84.13	8.43	7.79	22.75	21.71	4.54	0.79	0.36	0.32	1.00	1.86	4.53	10.03	Average1968~2004
	84.13	8.43	7.79	22.75	21.71	4.54	0.79	0.36	0.32	1.00	1.86	4.53	10.03	Average 1968~1978

BFI

Year	Year BFI	1	2	3	4	5	6	7	8	9	10	11	12
1968	0.18	0.52	0.09	0.13	0.24	0.52	0.36	0.56	0.09	0.14	0.24	0.13	0.29
1969	0.2	0.32	0.29	0.11	0.18	0.17	0.43	0.79	0.71	0	0.12	0.14	0.64
1970	0.23	0.47	0.44	0.18	0.18	0.3	0.44	0.51	0	0.2	0.24	0.23	0.39
1971	0.24	0.51	0.46	0.32	0.2	0.52	0.06	0.23	0.14	0.75	0.74	0.43	0.19
1972	0.26	0.39	0.61	0.26	0.22	0.42	0.09	0.2	0		0.07	0.46	0.42
1973	0.23	0.35	0.35	0.2	0.34	0.21	0.32	0.51	0.13	0	0	0.09	0.18
1974	0.15	0.12	0.25	0.14	0.17	0.1	0.42	0.57	0		0	0.12	0.79
1975	0.18	0.14	0.22	0.27	0.13	0.38	0.12	0.67	0.03	0.19	0.58	0.28	0.22
1976	0.31	0.54	0.27	0.34	0.16	0.21	0.17	0.19	0	0.06	0.43	0.18	0.69
1977	0.18	0.92	0.76	0.1	0.4	0.46	0	0	0.07	0.07	0.25	0.2	0.28
1978	0.19	0.47	0.6	0.16	0.14	0.26	0.24	0	0	0.05	0.22	0.17	0.48

	0.22	0.45	0.39	0.20	0.22	0.32	0.24	0.38	0.11	0.16	0.26	0.22	0.42	Average 1962~2004
	0.22	0.45	0.39	0.20	0.22	0.32	0.24	0.38	0.11	0.16	0.26	0.22	0.42	Average1968~2004
	0.22	0.45	0.39	0.20	0.22	0.32	0.24	0.38	0.11	0.16	0.26	0.22	0.42	Average 1968~1978

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12
1968	343.4	5.22	71.10	107.67	25.57	3.07	1.07	0.27	11.14	12.73	15.46	93.88	38.69
1969	263.27	14.94	24.1	77.45	125.22	48.14	1.95	0.08	0.09	0.02	0.37	14.9	3.11
1970	217.49	1.11	3.86	27.5	125.12	10.49	1.22	0.27	0.08	0.4	3.86	17.82	25.26
1971	229.19	5.32	6.02	40.48	130.92	1.58	16.01	1.05	1.62	0.1	0.11	0.64	27.36
1972	282.28	16.65	3.21	64.26	148.33	3.71	9.57	7.07	0.09	0	10.92	13.91	22.56
1973	279.37	38.19	16.91	130.15	19.21	28.28	3.5	0.37	1.44	0.09	0.15	17.08	23.76
1974	330.35	67.99	26.44	87.71	80.25	65.22	0.93	0.19	0.06	0	0.19	3.12	0.25
1975	456.31	30.17	23.43	61.36	133.89	4.49	6.44	0.11	47.04	26.7	2.14	15.73	52.81
1976	349.88	13.28	76.85	170.79	46.39	23.33	0.15	0.71	0.05	2.18	1.64	13.57	2.94
1977	327.27	0.44	1.42	197.49	16.01	0.87	0.1	0.02	1.24	17.51	25.2	34.4	32.57
1978	274.34	5.83	2.82	35.34	186.8	10.23	1.6	0.01	0.23	9.27	2.27	9.72	10.11

	304.56	18.29	22.76	89.14	94.38	18.13	3.87	0.92	5.75	6.45	5.67	17.42	21.77	Average 1962~2004
	304.56	18.29	22.76	89.14	94.38	18.13	3.87	0.92	5.75	6.45	5.67	17.42	21.77	Average1968~2004
	304.56	18.29	22.76	89.14	94.38	18.13	3.87	0.92	5.75	6.45	5.67	17.42	21.77	Average 1968~1978

RI

Year	Year RI	1	2	3	4	5	6	7	8	9	10	11	12
1968	0.34	0.08	1.28	2.09	0.63	0.06	0.01	0	0.06	0.1	0.22	0.41	0.42
1969	0.35	0.21	0.82	1.8	1.18	0.47	0.03	0	0	0	0	0.1	0.05
1970	0.23	0.04	0.15	0.6	1.42	0.11	0.02	0	0	0	0.03	0.25	0.27
1971	0.28	0.1	0.04	0.62	3.52	0.06	0.2	0.01	0.01	0	0	0.01	0.25
1972	0.31	0.28	0.06	0.58	2.44	0.1	0.1	0.15	0	0	0.08	0.16	0.19
1973	0.3	0.79	0.37	1.14	0.4	0.26	0.04	0.01	0.02	0	0	0.13	0.31
1974	0.27	0.86	0.39	1.44	0.72	0.43	0.02	0.01	0	0	0	0.02	0
1975	0.39	0.34	0.3	1.19	2.29	0.11	0.07	0	0.2	0.36	0.05	0.16	0.67

Laterite Creek near Latebir

	ANNUAL RAINFALL						/ RUN- OFF / B. ABS			FLOW UNIARFY			IN M. LLIMETR			ES		PRECIP. MONTHLY												TOTAL D. MONTHLY												Total Area/MUSE D. MONTHLY												BFI MONTHLY		Current BFI LTA BFI											
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																			0.00	0.00	0.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL						MEAN												MEAN												MEAN												MEAN		LTA BFI											
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2002 Q													2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002 Q													2002																																																								
2002													2002																																																							
2002													2002																																																							
2003 Q													2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003 Q													2003																																																								
2003													2003																																																							
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2004 Q													2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004 Q													2004																																																								
2004													2004																																																							
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2005 Q													2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2005 Q													2005																																																								
2005													2005																																																							
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2006 Q													2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006 Q													2006																																																								
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Dickies Creek above Lockeys

YEAR	JAN	FEB	MAR	ANNUAL	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
TOT Q	2.1	2.8	3.5	12.6	12.6	11.6	27.5	106.9	175.3	32.9	29.6	7.5	127	2985
TOT Q	56.5	60.8	96.5	190.9	75	71	11.2	5.3	28.7	31.9	73.1	60.8	67.8	2985
BAS Q	—	23.8	117.5	99.4	2.7	5.2	6.4	2.7	18.2	34.5	18.5	12.2	35.8	2985
BFI	0.60	0.26	0.03	0.51	0.28	0.33	0.57	0.43	0.16	0.91	0.25	0.08	0.53	2985
RCS	—	—	—	—	0.03	0.02	0.00	0.00	0.15	—	—	—	—	2985
PRIOR MONTHLY MEAN	2.10	0.60	3.90	13.90	114.50	11.60	27.00	106.90	175.30	30.60	38.60	0.00	527.00	
PRIOR MONTHLY MEAN	55.06	56.11	67.13	64.32	75.92	47.08	42.08		505.49	98.06	119.95	102.95	148.26	113.55

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
RAIN	2.9	—	5.7	138.8	382.5	—	87.9	79.8	293.6	49.4	5.7	—	1995
TOT Q	0.5	37.5	100.3	108.3	86.8	38.7	37.9	14.4	17.3	17.3	64.1	34.7	1995
BAS Q	69.5	70.1	76.2	106.4	29.4	21.9	24.7	14.4	70.4	48.4	49.2	34	1995
BFI	0.09	0.55	0.55	0.81	0.07	0.57	0.65	0.71	0.08	0.84	0.74	0.84	0.75	1995
RCS	—	—	—	—	0.07	0.03	0.03	0.26	0.29	—	—	—	—	1995
RAIN	73.4	—	8.4	—	3.1	9.7	67.1	45.3	63.7	—	56.3	—	1997
TOT Q	0.2	37.5	100.3	108.3	—	—	37.9	14.4	13.2	16.7	57.2	113.8	1997
BAS Q	69.8	18.9	76.6	62.9	22.2	10.6	10.5	14.1	9.2	22.7	77.1	35	1997
BFI	0.73	0.49	0.18	0.86	0.96	0.93	0.80	0.77	0.69	0.92	0.42	0.84	0.67	1997
RCS	—	—	—	—	—	0.04	0.03	0.26	0.29	—	—	—	—	1997
RAIN	32.9	—	7.7	7.1	20.8	3.9	27.9	72.8	78.7	158.9	68.4	—	1999
TOT Q	0.2	18.1	100.3	108.3	86.8	38.7	37.9	14.4	14.5	26.3	72.4	83.5	1999
BAS Q	117.6	—	91.4	99.9	51.9	12.5	9.2	4.6	5.4	26.3	72.4	47.7	1999
BFI	0.01	0.59	0.04	0.08	0.06	0.32	0.24	0.32	0.18	0.16	0.06	0.57	0.04	1999
RCS	—	—	—	—	—	0.01	0.02	0.12	0.10	0.08	0.06	—	—	1999
RAIN	9.4	—	19.2	1.8	45.8	—	12.8	52.1	—	1.7	12.8	—	2001
TOT Q	203.2	43.9	124.3	60.9	22.4	54.8	22.7	13.4	4.9	9.2	16.7	49.9	2001
BAS Q	103.1	57.5	91.4	99.9	22.4	—	36.7	13.4	4.9	9.2	16.7	49.9	2001
BFI	0.05	0.64	0.47	0.00	0.68	0.72	—	0.77	0.68	0.00	0.04	0.65	0.05	2001
RCS	—	—	—	—	0.72	0.05	—	0.14	0.09	0.02	0.00	—	—	2001
RAIN	7.4	7.2	12.7	3.7	29.5	14.5	9.5	42.9	42.9	42.9	28.5	—	2003
TOT Q	205.5	60.4	108.6	87.7	—	—	7.1	5.7	8.2	28.0	61.7	113.4	2003
BAS Q	119.1	57.5	—	—	—	11.4	7.1	5.7	8.2	28.0	61.7	73.5	2003
BFI	0.61	0.71	0.50	0.75	0.72	0.80	0.75	0.77	0.81	0.66	0.58	0.65	0.68	2003
RCS	—	—	—	—	—	0.05	0.03	0.23	0.25	—	—	—	—	2003
RAIN	13.7	3.3	8.7	29.7	40.2	27.6	76.1	45.5	43.7	38.8	28.1	—	2005
TOT Q	—	79.6	173.2	136.8	—	24.1	21.9	12.1	16.7	23.4	58.8	87.6	2005
BAS Q	131.1	42.4	86.7	87.3	38.6	18.7	12.7	12.1	8.3	14.7	19.9	61.6	2005
BFI	0.70	0.53	0.55	0.65	0.04	0.68	0.58	0.26	0.38	0.39	0.48	0.29	0.56	2005
RCS	—	—	—	—	—	0.07	0.06	0.06	0.09	0.06	0.08	—	—	2005
RAIN	—	2.1	1.2	3.3	3.5	29.7	58.1	97.2	119.2	20.1	30.5	29.4	2007
TOT Q	—	79.6	173.2	136.8	38.6	24.1	—	12.1	16.7	23.4	58.8	87.6	2007
BAS Q	—	38.3	99.1	88.8	30.4	12.6	10.6	15.1	20.6	18.2	41.9	51.7	2007
BFI	—	0.81	0.58	0.48	0.92	0.81	0.76	0.18	0.93	0.66	0.55	0.61	0.7	2007
RCS	—	—	—	—	—	0.01	0.01	0.26	0.29	—	—	—	—	2007
RAIN	47.5	—	3.9	12.2	35.5	38.3	22.9	73.6	—	—	26.2	23.8	2009
TOT Q	0.2	22.2	93.8	108.3	15.4	24.8	14.4	13.1	37.6	38.9	23.5	50.7	2009
BAS Q	75.7	26.2	23.2	106.3	15.4	23.8	14.4	13.1	—	31.4	23.5	—	2009
BFI	0.62	0.69	0.24	0.76	0.85	0.57	0.88	0.90	0.87	0.80	0.68	0.67	0.81	2009
RCS	—	—	—	—	—	—	0.02	0.26	0.29	—	—	—	—	2009
RAIN	69.9	3.4	19.5	16.9	20.8	57.7	20.2	109.2	71.2	27.2	77.5	20.5	2011
TOT Q	—	79.6	173.2	136.8	—	24.1	21.9	12.1	16.7	23.4	58.8	87.6	2011
BAS Q	103.5	—	53.4	89.3	57.6	33.4	20.5	25.2	54.5	4.5	19.3	67.1	2011
BFI	0.32	0.82	0.12	0.65	0.74	0.76	0.93	0.09	0.68	0.16	0.25	0.77	0.52	2011
RCS	—	—	—	—	—	0.04	0.01	0.31	0.33	—	—	—	—	2011
RAIN	1.6	1.2	4.5	12.8	24.7	45.9	10.8	63.9	4.1	60.4	78.4	29.4	2013
TOT Q	207.8	—	158.4	68.5	35.7	18.8	17.6	—	4.1	22.8	117.4	82.9	2013
BAS Q	0.1	63.2	0.1	—	10.9	5.1	6.8	25.3	4.1	22.8	39.4	53.5	2013
BFI	0.62	0.84	0.54	0.70	0.76	0.41	0.68	0.66	0.66	0.68	0.67	0.75	0.65	2013
RCS	—	—	—	—	—	0.11	0.02	0.30	—	0.01	—	—	—	2013
RAIN	17.9	—	31.7	51.7	51.7	52.2	13.1	92.5	—	—	77.2	—	2015
TOT Q	0.1	137.1	103.2	150.5	99.4	50.8	17.6	—	49.9	75.9	102.5	127	2015
BAS Q	0.1	88.1	79.1	90.0	95.4	39.4	17.6	18.6	23.2	51.3	93.9	50.6	2015
BFI	0.01	0.64	0.79	0.56	0.95	0.78	0.34	0.20	0.47	0.68	0.91	0.40	0.7	2015
RCS	—	—	—	—	—	0.22	0.32	0.22	0.07	0.26	0.05	0.07	—	2015
RAIN	63.5	38.1	7.2	—	12.1	19.6	86.2	98.4	139.1	75.7	25.7	—	2017
TOT Q	208.8	100.1	108.1	96.1	82.2	24.7	—	33.4	49.9	27.3	33.9	94.5	2017
BAS Q	80.8	87.2	117.1	84.6	61.4	21.6	13.4	13.9	—	26.3	15.4	—	2017
BFI	0.59	0.51	0.07	0.06	0.74	0.87	0.15	0.42	0.60	0.35	0.45	0.75	0.57	2017
RCS	—	—	—	—	—	—	0.15	0.24	0.29	0.18	—	0.77	—	2017
RAIN	34.1	8.4	29.3	3.9	33.5	27.9	24.5	34.1	12.9	47.8	68.5	—	2019
TOT Q	205.2	92.6	108.1	96.1	82.2	—	18.5	33.4	12.9	47.8	68.5	112.0	2019
BAS Q	—	—	103.8	96.1	21.7	12.5	—	8.7	3.2	6.6	13.3	20.8	2019
BFI	0.83	0.55	0.83	0.96	0.82	0.89	0.96	0.08	0.93	0.87	0.80	0.69	0.71	2019
RCS	—	—	—	—	—	0.03	0.05	0.26	0.27	0.20	0.01	0.02	—	2019
RAIN	380.3	47.5	7.5	—	30.8	25.5	13.2	91.4	35.6	31.6	53.4	—	2021
TOT Q	181.4	99.8	41.2	42.9	—	12.8	9.6	1.8	8.4	16.3	27.4	73.3	2021
BAS Q	—	—	—	—	—	11.6	9.6	1.8	8.4	16.3	27.4	46.3	2021
BFI	0.63	0.68	0.75	0.70	0.64	0.90	0.90	0.13	0.83	0.48	0.63	0.63	0.66	2021
RCS	—	—	—	—	—	0.02	0.02	0.26	0.29	0.17	0.01	—	—	2021
RAIN	16.8	10.8	31.9	31.1	180.5	73.5	118.2	30.1	116.5	90.1	16.2	51.8	2023
TOT Q	0.0	139.1	99.8	96.3	212.3	118.8	166.6	166.1	147.8	123.6	102.4	278.4	2023
BAS Q	0.0	—	99.8	96.3	212.3	—	166.6	166.1	147.8	123.6	102.4	278.4	2023
BFI	—	0.93	0.00	0.76	0.06	0.74	0.78	0.76	0.76	0.76	0.86	0.62	0.75	2023
RCS	0.01	—	—	—	—	0.83	—	—	—	—	—	—	—	2023
RAIN	5.5	15.4	5	3.1	14	43.9	3	52.8	108.6	49.9	42.20	—	2025
TOT Q	268.3	306.5	249.1	169.5	169.5	136.7	88.4	72.3	56.6	299.3	171.30	3.10	2025
BAS Q	268.3	306.5	249.1	169.5	169.5	136.7	—	72.3	56.6	299.3	171.30	3.10	2025
BFI	0.72	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2025
RCS	—	—	79	20	26	75	10	0.26	0.27	0.18	0.01	0.76	—	2025
RAIN	3.5	22.1	21.4	38.4	31.6	53.7	21.7	78.1	12.7	52.5	9.6	—	2027
TOT Q	265.5	306.5	249.1	169.5	206.8	167.1	108.6	82.4	70.3	52.5	81.6	102.2	2027
BAS Q	3.0	179	243.6	210.8	207.4	110.4	86.9	69.5	69.5	45.2	37.7	45.8	2027
BFI	0.71	0.74	0.71	0.66	0.84	0.76	0.61	0.8	0.8	0.9	0.46	0.75	0.65	2027
RCS	—	—	—	—	—	—	—	—	—	0.26	0.04	—	—	2027
RAIN	—	13.6	4.7	17.5	47.6	42.9	132.4	31.4	119.1	39.7	29.4	—	2029
TOT Q	91.3	133.7	217.7	146.6	236	130.4	118.9	53.2	60.1	241.6	212.8	314.0	2029
BAS Q	83.7	76.2	141.6	139.3	192	128.6	101.9	79.3	97	106.8	139.4	1277.80	2029
BFI	0.87	0.75	0.66	0.95	0.71	0.87	0.86	0.86	0.62	0.44	0.65	0.64	0.74	2029
RCS	—	—	—	—	—	—	—	—	0.26	0.04	—	—	—	2029
RAIN	7	71.1	33.1	29.7	129.3	14.7	38.3	49.9	18.7	70.7	—	—	2031
TOT Q	91.3	133.7	217.7	146.6	236	130.4	118.9	53.2	60.1	241.6	212.8	314.0	2031
BAS Q	89.4	115.6	184	155	215.5	93.5	114	66.7	43.3	92.6	91.4	—	2031
BFI	0.84	0.77	0.85	0.87	0.69	0.86	0.81	0.84	0.79	0.8	—	—	—	2031
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—	2031
RAIN	56.60	9.30	5.70	40.10	17.50	28.30	43.60	51.60	138.60	11.70	90.60	39.40	530.00	
TOT Q	91.3	133.7	217.7	146.6	236	130.4	118.9	53.2	60.1	241.6	212.8	314.0	2033
BAS Q	200.60	134.20	161.20	149.40	143.70	73.10	59.80	49.30	51.70	54.20	91.40	112.60	97.20	2033
BFI	0.71	0.76	0.63	0.54	0.96	0.89	0.87	0.78	0.26	0.78	0.96	0.75	0.76	2033
RCS									0.26	0.04				2033
RAIN														2035
TOT Q														2035
BAS Q														2035
BFI														2035
RCS														2035

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
RAIN	0.00	23.80	137.60	99.40	0.70	0.20	6.40	2.70	18.20	34.90	18.60	12.20	35.80
TOT Q	69.50	26.20	109.30	61.80	19.30	22.60	15.70	13.30	70.50	77.30	46.80	49.20	49.00
BAS Q	69.50	26.20	109.30	61.80	19.30	22.60	15.70	13.30	70.50	77.30	46.80	49.20	49.00
BFI	0.99	0.55	0.91	0.61	0.67	0.59	0.71	0.68	0.75	0.87	0.63	0.71	0.68
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	96.60	18.60	76.60	62.90	22.20	12.60	10.50	14.10	9.20	22.70	57.20	77.10	39.00
TOT Q	127.60	0.00	61.40	60.60	31.90	12.30	8.20	4.30	5.40	26.30	72.40	47.70	43.20
BAS Q	127.60	0.00	61.40	60.60	31.90	12.30	8.20	4.30	5.40	26.30	72.40	47.70	43.20
BFI	0.73	0.49	0.46	0.96	0.56	0.53	0.80	0.69	0.94	0.92	0.63	0.61	0.77
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	10.20	28.30	58.60	55.80	22.40	0.00	10.70	8.10	3.70	7.70	16.30	30.60	30.60
TOT Q	0.65	0.64	0.47	0.90	0.68	0.74	0.60	0.77	0.85	0.69	0.64	0.65	0.77
BAS Q	0.65	0.64	0.47	0.90	0.68	0.74	0.60	0.77	0.85	0.69	0.64	0.65	0.77
BFI	0.84	0.71	0.60	0.75	0.72	0.96	0.73	0.73	0.84	0.76	0.71	0.73	0.73
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	13.10	57.30	0.00	0.00	0.00	11.40	7.30	9.70	8.20	29.80	61.70	73.50	43.70
TOT Q	0.70	0.53	0.65	0.63	0.74	0.99	0.59	0.85	0.63	0.76	0.99	0.58	0.85
BAS Q	0.70	0.53	0.65	0.63	0.74	0.99	0.59	0.85	0.63	0.76	0.99	0.58	0.85
BFI	0.80	0.81	0.68	0.88	0.82	0.81	0.75	0.48	0.69	0.74	0.78	0.79	0.69
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	0.00	85.50	98.10	88.80	52.60	12.60	10.60	35.10	29.60	29.20	61.70	46.10	35.00
TOT Q	0.42	0.69	0.24	0.76	0.85	0.57	0.88	0.90	0.87	0.80	0.68	0.67	0.81
BAS Q	0.42	0.69	0.24	0.76	0.85	0.57	0.88	0.90	0.87	0.80	0.68	0.67	0.81
BFI	0.80	0.82	0.68	0.65	0.74	0.78	0.74	0.68	0.69	0.74	0.78	0.74	0.68
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	110.50	0.00	71.70	89.10	54.80	0.00	20.30	23.20	10.90	21.80	45.40	42.10	52.60
TOT Q	0.42	0.84	0.64	0.70	0.74	0.78	0.74	0.68	0.69	0.74	0.78	0.44	0.69
BAS Q	0.42	0.84	0.64	0.70	0.74	0.78	0.44	0.69	0.69	0.74	0.78	0.44	0.69
BFI	0.80	0.64	0.73	0.90	0.65	0.74	0.74	0.71	0.74	0.90	0.63	0.73	0.71
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	80.80	87.20	117.10	84.50	61.40	21.60	13.60	14.00	0.00	20.30	45.60	0.00	50.00
TOT Q	0.50	0.63	0.62	0.86	0.74	0.87	0.70	0.61	0.70	0.74	0.87	0.70	0.61
BAS Q	0.50	0.63	0.62	0.86	0.74	0.87	0.70	0.61	0.70	0.74	0.87	0.70	0.61
BFI	0.43	0.55	0.63	0.84	0.62	0.88	0.54	0.66	0.43	0.55	0.84	0.62	0.66
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	0.00	0.00	103.90	58.20	21.70	12.50	0.00	6.70	3.10	6.60	13.10	20.60	36.00
TOT Q	0.43	0.55	0.63	0.84	0.62	0.88	0.54	0.66	0.43	0.55	0.84	0.62	0.66
BAS Q	0.43	0.55	0.63	0.84	0.62	0.88	0.54	0.66	0.43	0.55	0.84	0.62	0.66
BFI	0.70	0.53	0.65	0.63	0.74	0.99	0.59	0.85	0.63	0.76	0.99	0.58	0.85
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	0.00	59.60	41.20	42.90	0.00	11.80	9.60	1.80	8.60	13.30	27.40	46.30	31.30
TOT Q	0.43	0.68	0.75	0.72	0.54	0.90	0.62	0.13	0.83	0.48	0.63	0.63	0.66
BAS Q	0.43	0.68	0.75	0.72	0.54	0.90	0.62	0.13	0.83	0.48	0.63	0.63	0.66
BFI	0.50	0.63	0.60	0.74	0.56	0.74	0.76	0.76	0.74	0.90	0.63	0.74	0.74
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	0.30	109.10	99.60	99.30	212.30	119.80	164.50	146.20	147.80	133.90	162.40	276.40	138.10
TOT Q	0.50	0.63	0.60	0.74	0.56	0.74	0.76	0.76	0.74	0.90	0.63	0.74	0.74
BAS Q	0.50	0.63	0.60	0.74	0.56	0.74	0.76	0.76	0.74	0.90	0.63	0.74	0.74
BFI	0.72	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

				RCS MONTHLY 0.59 MEAN					Current RCS CYLINDER 0.06									SPIRITAL SUMM
0.59	0.62	0.57	0.61		0.00	0.00	0.00	0.03		0.34	0.21	0.16	0.33	0.18	0.08	0.05	0.00	
0.61	0.51	0.66	0.69	0.63	0.00	0.00	0.00	0.03	0.02	0.04	0.45	0.06	0.44	0.00	0.00	0.00	0.00	
0.44	0.74	0.84	0.76	0.67	0.00	0.00	0.00	0.43	0.12	0.52	0.25	0.28	0.65	0.00	0.00	0.00	0.00	
0.69	0.62	0.62	0.67	0.66	0.00	0.00	0.00	0.00	0.00	0.34	0.38	0.28	0.19	0.37	0.00	0.00	0.00	
0.45	0.39	0.75	0.57	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.12	0.13	0.38	0.00	0.00	0.00	
0.58	0.63	0.44	0.61	0.69	0.00	0.00	0.00	0.00	0.72	0.65	0.00	0.16	0.45	0.63	0.65	0.00	0.00	
0.71	0.57	0.56	0.66	0.69	0.00	0.00	0.00	0.00	0.00	0.62	0.21	0.17	0.29	0.00	0.00	0.00	0.00	
0.59	0.62	0.50	0.58	0.64	0.00	0.00	0.00	0.00	0.00	0.67	0.28	0.28	0.24	0.38	0.00	0.00	0.00	
0.53	0.66	0.66	0.56	0.73	0.00	0.00	0.00	0.00	0.00	0.51	0.24	0.35	0.42	0.00	0.00	0.00	0.00	
0.37	0.80	0.68	0.68	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.49	0.63	0.00	0.00	0.00	0.00	
0.45	0.79	0.55	0.72	0.68	0.00	0.00	0.00	0.00	0.00	0.64	0.31	0.31	0.34	0.00	0.00	0.00	0.00	
0.58	0.64	0.57	0.76	0.65	0.00	0.00	0.00	0.00	0.00	0.41	0.22	0.30	0.03	0.36	0.00	0.00	0.00	
0.49	0.71	0.85	0.60	0.70	0.01	0.00	0.00	0.00	0.00	0.61	0.20	0.49	0.37	0.56	0.00	0.00	0.00	
0.60	0.54	0.74	0.75	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.34	0.24	0.48	0.00	0.77	0.00	
0.56	0.47	0.60	0.68	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.39	0.17	0.20	0.31	0.42	0.00	
0.83	0.49	0.62	0.63	0.66	0.00	0.00	0.00	0.00	0.83	0.28	0.80	0.14	0.25	0.40	0.82	0.00	0.00	
0.76	0.95	0.42	0.60	0.75	0.01	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.72	0.56	0.84	0.76	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.00	0.00	
0.60	0.49	0.71	0.86	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.71	0.64	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.00	
0.79	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.76	0.74	0.66	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

LTA Precip - 1961 Precip - LTA BFI
LTA Streamflow 1961 Streamflow 1961 BFI

LTA Precip - 1961 Precip - LTA BFI
LTA Streamflow 1961 Streamflow 1961 BFI

Semiarbank Note Grewal area derived from BRFU provisional streamflow data. Hydat data 1962 to 2002

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	718.17	75.81	48.36	52.39	88.1	116.31	80.82	31.7	23.37	34.8	96.12	95.42	28.17	
1961	842.58	23.88	98.14	53.41	80.27	77.54	71.18	101.58	74.31	44.96	72.14	81.76	72.07	
1962	833.31	64.96	35.78	15.82	82.2	49.99	90.07	41.16	101.01	69.16	101.69	93.22	98.39	
1963	642.9	19.76	39.69	72	60.14	73.72	40.47	93.85	34.03	38.36	30.03	108.43	68.12	
1964	1018.58	56.58	38.79	89.51	99.56	65.36	50.96	115.03	270.09	43.91	77.52	35.43	76.96	
1965	920.1	90.66	97.23	90.4	89.36	69.31	20.37	80.51	98.72	58.12	131.33	109.75	73.56	
1966	1082.21	62.85	61.05	83.33	80.11	66.03	138.1	48.44	132.64	80.93	53.77	171.79	141.38	
1967	1108.62	31.42	42.63	46.56	91.31	56.07	147.17	58.02	132.11	90.31	132.79	138.2	97.17	
1968	951.84	87.23	63.42	62.95	67.88	43.5	87.88	43.47	60.38	108.46	116.35	101.1	103.47	
1969	898.07	103.75	38.17	42.49	109.27	108.16	49.91	133.32	24.42	24.88	79.89	129.79	56.32	
1970	937.62	14.86	38.11	54.86	102.23	92.7	49.81	140.16	44.7	102.35	43.09	93.65	109.02	
1971	728.29	67.21	58.61	33.74	39.08	20.06	34.08	71.58	147.33	61.4	35.75	54.45	96.48	
1972	891.28	49.63	30.48	53.95	75.41	99.21	95.49	40.95	49.07	81.98	141.05	80.46	135.53	
1973	870.91	43.32	38.11	140.54	60.35	93.41	87.55	33.56	41.49	40.03	66.28	123.53	61.5	
1974	865.5	49.81	99	66.83	94.88	140.34	93.83	36.8	44.14	85	99.57	111.64	83.68	
1975	1018.28	94.98	85.43	80.52	93.91	74.58	93.08	42.52	178.91	87.09	31.38	71.07	103.11	
1976	1138.53	65.95	76.62	136.49	86.18	86.12	77.62	157.58	80	114.08	87.55	85.43	41.42	
1977	948.28	24.07	38.93	64.07	68.68	113.1	84.96	43.07	137.53	141.95	91.79	109.34	107.78	
1978	827.88	102.02	8.38	38.6	57.88	75.64	56.25	32.18	74.71	165.78	88.79	39.02	82.22	
1979	908.44	26.81	14.5	52.38	138.8	58.3	41.96	76.64	62.27	39.61	150.09	147.38	88.41	
1980	886.54	34.2	28.83	68.48	99.36	66.37	90.54	126.7	49.48	104.85	136.57	37.35	92.64	
1981	951.47	39.24	47.58	72.87	89.81	79.76	69.28	93.95	130.19	140.35	112.22	75.08	60.13	
1982	960.3	69.76	26.28	64.48	43.06	63.05	35.9	61.08	142.43	121.76	46.48	154.36	96.71	
1983	865.38	33.11	38.49	50.22	103.87	122.79	52.58	95.68	75.22	139.02	98.12	91	88.51	
1984	1018.47	41.88	97.33	77.96	87.7	108.23	110.63	65.43	96.77	133.34	90.25	110.88	56.27	
1985	1138.56	93.08	137.66	94.14	58.77	59.24	69.96	75.81	136.23	89.91	103.57	134.67	95.54	
1986	1106.26	57.45	46.05	48.77	73.82	60.41	135	127.47	115.18	102.86	94.97	36.56	88.93	
1987	897.35	52.88	31.94	58.23	89.56	80.9	42.71	47	99.67	154.76	118.93	123.59	96.67	
1988	938.85	27.42	68.32	56.18	54.88	51.68	124.6	70.72	89.65	97.92	206.62	122.24	66.37	
1989	794.91	69.32	33.87	43.84	51.54	104.29	57.93	17.42	69.26	111.69	86.42	123.08	50.08	
1990	1171.34	58.93	75.91	54.99	89.42	88.91	84.05	153.76	113.14	140.27	128.8	151.79	99.75	
1991	918.65	39.12	58.05	88.72	92.34	82.47	41.27	114.06	77.45	47.76	132.09	90.38	75.07	
1992	1175.46	54.95	98.91	44.2	142.08	91.16	73.72	177.08	128.61	139.13	72.54	102.62	74.13	
1993	889.23	94.98	39.56	21.09	86.91	49.05	103.52	95.37	43.02	143.98	70.62	89.1	34.21	
1994	966.69	60.28	16.79	51.85	117.39	73.07	123.14	71.55	93.4	88.3	72.79	89.42	99.87	
1995	905.38	93.87	29.4	47.67	165.42	77.58	48.97	75.72	74.89	55.43	111.36	108.37	33.5	
1996	1150.65	94.97	85.27	27.19	161.24	100.54	160.59	90.35	41.67	303.12	66.08	91	96.11	
1997	936.05	73.9	80.21	85.85	39.18	132.96	53.47	68.99	125.64	63.85	96.22	99.37	43.92	
1998	968.3	94.98	30.62	117.88	42.16	84.37	29.38	66.58	98.32	34.48	90.66	72.72	66.96	
1999	890.11	89.28	43.64	31.35	84.89	65.98	73.87	56.05	62.23	77.85	71.7	89.79	76.47	
2000	1141.44	99.58	48.79	42.85	87.14	135.87	172.99	199.48	47.33	140.16	40.42	62.87	93.93	
2001	910.14	49.08	88.96	51.3	57.18	69.42	72.11	23.93	61.38	145.61	160.5	102.68	48.97	
2002	798.26	94.62	74.43	57.61	93.18	105.4	58.23	87.31	14.33	99.04	98.69	89.75	42.66	
2003	980.28	49.82	46.24	51.37	84.24	114.05	76.78	48.85	50.47	125.85	105	118.68	60.35	
2004	924.47	79.48	27.97	58.72	41.76	156.75	69.1	120.14	57.58	32.91	76.24	77.4	89.5	
	933.84	62.02	49.29	62.10	80.07	90.04	76.64	80.81	84.83	98.85	87.35	95.66	76.19	Average 1960 - 2004
	933.84	62.02	49.29	62.10	80.07	90.04	76.64	80.81	84.83	98.85	87.35	95.66	76.19	Average1960 - 2004
	932.91	61.67	49.93	61.49	80.86	77.46	76.88	80.15	88.14	98.75	87.20	95.59	75.51	Average 1960 - 2002

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	228.17	49.99	67.4	43.13	2.57	0	0	0	0	0	3.27	33.38	30.53	
1961	148.03	35.1	32.15	18.27	27.75	0.02	0	0	0	0	0	16.68	38.56	
1962	178.49	54.08	38.54	3.71	0.07	0	0	0	0	0	39.41	0	42.68	
1963	232.49	16.77	53.33	17.02	0	0	0	0	0	0	0	13.98	96.39	
1964	193.14	22.49	37.74	36.43	8.91	0	0	0	0	0	6.45	16.39	26.15	
1965	195.05	61.15	54.64	36.48	19.37	0	0	0	0	0	0	11.66	10.98	
1966	273.04	96.1	30.7	29.85	16.48	0	0	0	0	0	0.05	26.01	70.74	
1967	200.44	32.96	54.84	28.44	3	0	0	0	0	0	0	29.31	17.87	
1968	238.66	50.71	80.73	29.89	2.39	0	0	0	0	0	0.22	22.65	23.88	
1969	267.68	93.03	44.18	24.17	0.02	0.04	0	0	0	0	0.03	44.35	30.83	
1970	240.24	30.93	42.41	23.85	16.18	0	0	0	0	0	0	41.22	86.7	
1971	232.15	109.21	28.73	39.63	2.83	0	0	0	0	0	0	16.48	17.26	
1972	196.51	56.96	37.52	20.48	5.92	0	0	0	0	0	2.28	31.42	40.25	
1973	151.32	29.86	36.53	31.38	2.58	0	0	0	0	0	0	14.26	38.73	
1974	113.8	27.16	26.3	18.41	2.79	0.06	0	0	0	0	0.21	8.67	29.4	
1975	221.27	23.35	48.32	43.93	26.56	0	0	0	0	0	0	8.17	70.36	
1976	260.64	102.41	45.08	22.48	4.43	0.13	0	0	0	0	0.52	55.16	30.28	
1977	232.92	57.43	13.91	7.33	6.12	0	0	0	0	0	0	38.27	111.86	
1978	187.04	102.48	28.84	8.88	0.28	0	0	0	0	0	0	7.61	22.14	
1979	114.44	33.08	30.52	11.14	24.45	0	0	0	0	0	3.37	12.34	9.72	
1980	148.21	27.32	60.58	32.61	1.47	0	0	0	0	0	0.31	3.65	22.67	
1981	238.63	75.45	42.23	51.58	0.03	0	0	0	0	0	3.02	9.79	48.53	
1982	240.65	125.75	40.67	20.38	21.92	0	0	0	0	0	0.46	12.22	19.61	
1983	131.09	16.47	12.7	23.43	8.32	0	0	0	0	0	0	13.23	57.04	
1984	158.72	58.62	32.01	10.67	5.23	2.18	0	0	0	0	0	1.68	28.25	
1985	266.29	133.2	65.2	27.95	11.56	0	0	0	0	0	0	6.77	121.65	
1986	177.01	62.52	44.86	51.99	0.85	0	0	0	0	0	0	14.84	21.98	
1987	153.83	57.02	20.3	27.09	3.46	0	0	0	0	0	0.76	17.13	27.99	
1988	186.11	29.55	79.6	38.88	0.75	0	0	0	0	0	0.51	12.03	25.07	
1989	264.38	27.85	85.19	6.37	15.3	1.54	0	0	0	0	0.55	36.38	71.22	
1990	99.17	19.02	38.15	2.85	4.48	1.24	0	0	0	0	0.23	9.88	20.51	
1991	182.37	44.68	58.65	10.72	1.16	0	0	0	0	0	0	12.79	62.68	
1992	340.6	69.87	21.21	21.22	5.02	0	0	0	0	0	37.28	12.34	35.76	
1993	155.21	32.48	63.58	19.87	5.98	0	0	0	0	0	0.17	9.32	23.81	
1994	178.71	94.52	30.05	20.61	12.38	0	0	0	0	0	0	8.27	34	
1995	148.87	45.7	60.94	5.77	10.4	0	0	0	0	0	0	37.26	38.81	
1996	199.27	29.72	22.45	28.8	9.71	0	0	0	0	0	0	49.48	59.11	
1997	171.45	48.92	17.06	18.63	2.75	0	0	0	0	0	38.65	23.16	21.21	
1998	115.79	29.41	0.16	52.6	0	0	0	0	0	0	0	1.43	17.96	
1999	146.05	66.75	8.6	31.91	0.02	0	0	0	0	0	0	12.96	27.33	
2000	226.87	54.01	28.66	8.21	5.79	0	0	0	0	0	0.19	19.68	109.32	
2001	117.22	18.64	19.02	23.98	4.31	0	0	0	0	0	0.61	3.05	28.71	
2002	147.59	39.66	32.19	20.69	7.09	0	0	0	0	0	0.12	21.76	29.96	
2003	198.67	73.9	42.13	39.71	8.88	0	0	0	0	0	3.48	7.52	38.51	
2004	212.24	116.75	14.42	20.06	0.38	0	0	0	0	0	0	2.65	57.69	
	189.69	57.09	36.95	25.14	6.86	0.12	0.00	0.00	0.00	0.00	2.09	18.22	43.21	Average 1960 - 2004
	189.69	57.09	36.95	25.14	6.86	0.12	0.00	0.00	0.00	0.00	2.09	18.22	43.21	Average1960 - 2004
	188.94	61.12	37.35	25.01	6.97	0.12	0.00	0.00	0.00	0.00	2.11	18.84	42.22	Average 1960 - 2002

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	376.15	41.57	33.54	59.51	147.17	47.94	40.11	3.45	1.52	0.7	0.99	1.62	2.11	
1961	214.28	0.72	50.52	39.91	38.22	29.28	3.08	13.71	13	1.91	1.24	8.79	13.48	
1962	236.04	4.5	18.57	35.88	23.27	8.71	5.1	1.11	1.87	0.88	9.1	47.41	23.23	
1963	264.68	6.41	2.9	135.16	26.64	28.41	3.33	1.3	0.76	3.41	0.63	1.28	1.29	
1964	230.49	37.31	16.42	58.79	35	8.1	2.95	1.11	29.08	6.38	8.1	2.73	28.64	
1965	375.41	27.76	70.5	63.43	78.38	9.18	2.33	1.37	0.97	0.78	5.62	25.98	69.1	
1966	366.23	16.48	47.77	64.63	39.33	18.7	20.15	1.77	3.16	1.76	2.14	43.6	102.76	
1967	554.48	93.86	39.26	106.95	84.83	27.55	33.98	9.56	15.22	3.91	52.11	74.58	72.88	
1968	380.04	33.91	111.88	86.91	26.85	11.68	12.55	4.18	1.96	2.57	9.71	31.32	47.2	
1969	392.29	71.38	48.28	73.85	48.4	40.28	8.48	5.42	1.75	0.91	1.43	14.71	37.48	
1970	292.17	7.61	26.18	83.84	71.98	27.61	4.76	4.02	3.12	1.38	3.26	15.72	49.84	
1971	273.01	12.54	41.88	125.52	50.38	7.99	2.96	1.2	2.76	3.22	1.5	1.68	33.61	
1972	318.47	21.18	5.68	87.22	68.06	33.54	2.81	3.48	1.12	0.82	9.01	28.61	76.93	
1973	411.08	106.09	22.09	138.29	30.87	26.43	8.36	2.91	2.03	0.82	1.27	31.46	39.26	
1974	363.1	71.98	96.42	92.48	53.48	74.08	8.87	3.18	0.98	0.66	0.87	19.81	10.23	
1975	358.55	57.17	45.2	90.02	95.48	12.65	13.98	1.65	3.03	5.33	1.9	5.24	27.54	
1976	518.86	17.62	145.51	164.09	50.14	37.88	4.75	32.65	34.1	12	8.66	38.19	10.85	
1977	448.18	4.97	6.48	293.53	39.4	7.31	5.12	3.98	1.63	18.97	23.13	36.31	102.86	
1978	328.47	15.05	8.31	79.95	207.87	20.01	5.95	1.42	1	4.05	12.48	6.29	17.77	
1979	423.04	29.64	5.69	136.64	111.18	13.93	3.23	4.91	2.15	1.09	3.91	51.27	61.18	
1980	278.95	19.16	8.41	97.18	83.68	18.81	11.27	4.56	2.75	1.91	16.09	7.16	28.16	
1981	434.85	4.11	153.92	42.29	34.91	28.24	8.67	2.36	3.43	46.83	87.31	36.48	26.27	
1982	486.26	19.91	6.95	196.76	83.19	22.43	14.99	3.27	4.14	6.88	30.41	40.1	117.38	
1983	315.21	26.92	47.44	23.86	83.19	55.22	21.98	3.54	9.32	4.9	3.77	17.65	19.5	
1984	420.96	5.88	124.98	69.87	36.16	20.21	30.68	6.22	1.89	19.56	3.42	43.88	60.54	
1985	653.5	39.48	133.61	173.85	71.79	6.26	8.96	4.08	3.61	19.35	30.21	103.66	40.31	
1986	588.35	67.77	17.91	131.87	34.87	16.44	19.73	7.91	9.19	113.76	102.95	20.08	51.08	
1987	379.67	23.11	6.65	97.8	53.56	8.09	5.22	1.95	5.47	2.41	7.72	57.31	110.87	
1988	316.12	14.48	38.65	86.68	27.14	10.12	1.67	1.35	0.74	1.11	33.03	72.3	40.85	
1989	234.11	34.17	17.03	49.80	43.79	8.48	13.35	1.66	1.1	2.36	3.26	36.36	8.71	
1990	587.68	101.77	73.8	55.87	39.01	24.51	9.95	25.71	14.01	28.86	87.95	65.21	67.01	
1991	308.03	24.85	46.02	95.64	56.12	20.14	7.7	7.78	2.45	1.02	1.42	8.21	36.28	
1992	628.92	41.24	62.61	79.9	84.93	19.72	5.3	40.53	32.22	58.48	35.72	118.75	43.52	
1993	326.21	84.16	7.95	50.28	66.37	11.12	21.48	4.98	1.85	4.33	10.57	16.88	23.62	
1994	348.55	18.52	74.22	110.78	49.67	25.14	14.53	10.99	2.28	1.65	4.53	7.31	28.58	
1995	306.41	67.45	9.68	110.4	40.88	26.66	10.75	7.65	11.27	1.38	2.08	60.66	28.8	
1996	656.51	61.61	57.66	32.71	77.2	58.48	39.38	6.45	5.4	140.42	49.27	47.76	79.18	
1997	367.16	47.14	87.01	70.45	22.92	58.11	12.88	7.07	3.43	1.56	4.27	25.36	36.76	
1998	237.34	84.17	31.84	74.1	23.43	6.58	1.99	2.46	2.48	0.67	1.14	1.65	6.66	
1999	195.56	59.94	33.66	27.99	28.9	7.25	5.9	2.35	1.19	3.18	2.06	12.56	30.89	
2000	432.4	29.98	51.61	20.4	41.8	36.89	49.79	79.99	30.77	30.42	11.4	26.43	28.98	
2001	435.49	28.13	98.68	72.71	35.71	9.39	10.12	1.55	1.19	3.83	92.15	39.95	38.83	
2002	291.79	31.99	99	43.85	49.26	29.11	14.99	3.06	2.02	0.77	1.19	3.55	10.62	
2003	364.19	7.59	11.11	79.33	42.03	41.45	14.7	4.08	3.36	2.88	21.49	66.06	79.1	
2004	370.41	52.77	21.63	140.07	20.4	60.98	6.77	4.44	5.46	2.34	2.25	8.64	36.54	
	376.91	36.55	43.97	87.56	54.45	24.13	12.14	7.79	5.70	12.58	16.24	32.29	43.52	Average 1960 - 2004
	376.91	36.55	43.97	87.55	54.45	24.13	12.14	7.79	5.70	12.58	16.24	32.29	43.52	Average1960 - 2004
	377.36	36.86	45.26	86.46	55.47	22.87	12.14	7.96	5.76	13.05	16.43	32.05	43.06	Average 1960 - 2002

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	135.06	22.08	17.82	8.88	34.58	29.63	15.71	1.56	0.77	0.6	0.61	1.01	1.18	
1961	79.47	3.65	2.32	21.5	17.98	13.05	2.63	2.76	5.08	1.36	0.96	2.31	9.99	
1962	94.47	3.61	5.31	16.66	12.41	3.87	1.53	0.93	0.86	0.48	1.42	8.77	8.19	
1963	47.01	5	2.7	11.45	11.12	9.72	2.12	0.95	0.63	0.6	0.62	0.73	1.17	
1964	87.74	3.2	9.66	17.01	13.82	4.66	1.57	0.88	4.87	2.07	2.15	2.2	5.11	
1965	93.13	12.83	11.29	12.39	18.56	5.41	1.5	1.08	0.72	0.6	1.17	5.92	21.3	
1966	138.63	10.45	18.66	25.14	16.38	10.22	4.61	0.97	1.41	1.2	1.32	9.8	18.17	
1967	176.61	13.87	13.73	20.59	31.76	13.11	8.38	4.91	4.01	1.76	9.07	26.71	38.13	
1968	120.69	11.28	13.03	19.85	13.98	7.41	2.79	2.35	1.55	1.76	3.36	9.15	18.58	
1969	97.17	10.06	14.87	14.24	23.66	13.27	4.62	1.78	1.18	0.9	0.88	2.81	8.9	

1966	426.17	53.37	7.14	108.14	16.02	9.66	12.11	5.09	3.08	96.62	72.91	8.66	32.12										
1967	247.99	10.77	0.57	73.79	36.65	4.13	3.91	0.48	2.87	1.46	6.06	50.58	77.95										
1968	151.16	7.87	30.31	61.02	22.38	4.91	0.79	1.91	0.42	0.82	35.83	51.38	28.11										
1969	146.24	21.82	11.15	38.46	24.78	2.42	7.76	0.56	0.32	1.98	1.93	30.3	3.69										
1970	407.69	64.70	90.71	36.9	24.36	15.69	2.27	10.32	10.81	22.19	48.02	45.5	36.65										
1971	292.49	11.01	26.4	85.44	30.08	13.57	4.03	5.17	3.27	0.35	0.61	6.14	28.19										
1972	430.42	24.33	48.83	47.27	41.88	8.14	2.95	33.63	22.4	44.12	26.38	90.49	30.61										
1973	237.26	85.48	3.5	45.15	43.86	3.87	18.64	2.05	0.63	1.89	10.63	8.97	12.72										
1974	231.8	13.31	64.02	72.9	26.36	12.66	10.71	7.96	3.8	0.92	1.91	3.88	19.56										
1975	296.24	56.3	2.7	91.46	27.82	13.72	6.72	4.98	9.37	0.32	1.04	66.32	16.31										
1976	474.33	92.78	46.65	19.66	92.2	38.41	24.96	4.13	1.54	136.64	36.48	24.96	47.97										
1977	218.98	28.91	48.8	33.96	6.75	49.94	3.51	2.97	2.21	0.48	4.68	18.14	20.18										
1978	164.62	68.98	21.02	52.74	10.16	2.48	0.56	1.61	1.72	0.11	3.39	3.57	4.57										
1979	147.84	54.58	19	17.62	9.88	3.47	3.9	1.48	0.61	1.76	0.85	9.68	26.44										
1980	315.79	18.35	47.03	8.54	30.97	25.71	41.98	98.74	23.72	24.96	3.07	13.33	17.79										
1981	266.79	10.34	72.5	43.91	19.85	3.49	5.67	0.97	0.42	2.5	41.58	18.41	38.68										
1982	162.96	17.91	39	23.48	33.97	14.92	8.3	1.9	1.19	0.39	0.35	1.46	11.42										
1983	294.96	2.83	6.28	84.92	25.48	28.07	8.73	1.78	2.21	1.87	38.74	49.01	49.58										
2014	284.54	33.97	11.08	116.35	9.5	26.12	3.95	1.4	3.4	0.87	1.15	5.87	36.77										
	263.57	25.48	33.62	64.48	34.61	14.41	7.73	5.33	3.84	10.05	11.58	23.20	29.27	Average 1960 - 2014									
	263.57	25.48	33.62	64.48	34.61	14.41	7.73	5.33	3.84	10.05	11.58	23.20	29.27	Average1960 - 2004									
	263.76	25.88	34.78	63.22	35.40	13.26	7.79	5.51	3.89	10.45	11.70	23.02	28.76	Average 1960 - 2002									

RI

Year	Year RI	1	2	3	4	5	6	7	8	9	10	11	12
1960		0.33	0.27	0.23	0.82	1.28	0.16	0.33	0.05	0.01	0	0	0.01	0.03
1961		0.17	0	0.01	0.32	0.29	0.21	0.01	0.11	0.13	0.01	0	0.09	0.1
1962		0.14	0.01	0.16	0.12	0.17	0.09	0.02	0.01	0.01	0	0.05	0.73	0.16
1963		0.25	0.07	0.01	1.86	0.29	0.25	0.03	0.01	0	0	0	0	0
1964		0.14	0.6	0.38	0.49	0.2	0.06	0.01	0	0.08	0.05	0.03	0.01	0.32
1965		0.31	0.16	1.03	1.01	0.7	0.08	0.03	0	0	0	0.03	0.18	0.93
1966		0.24	0.23	0.6	0.47	0.29	0.13	0.23	0.02	0.02	0.01	0.01	0.21	0.61
1967		0.37	1.14	0.13	1.84	0.4	0.26	0.17	0.09	0.09	0.02	0.38	0.38	0.54
1968		0.29	0.26	1.68	1.07	0.2	0.1	0.1	0.04	0.01	0.05	0.05	0.29	0.28
1969		0.28	0.59	0.88	1.56	0.38	0.25	0.08	0.05	0.02	0	0.01	0.09	0.18
1970		0.21	1.16	0.36	1.16	0.49	0.21	0.04	0.01	0.04	0.01	0.02	0.12	0.3
1971		0.24	0.08	0.57	2.37	0.82	0.13	0.03	0	0.01	0.03	0.01	0.01	0.18
1972		0.25	0.25	0.05	1.21	0.82	0.07	0.02	0.06	0	0	0.06	0.19	0.38
1973		0.33	1.82	0.33	0.87	0.26	0.16	0.05	0.04	0.03	0	0	0.22	0.6
1974		0.32	0.48	0.48	1.07	0.38	0.42	0.05	0.06	0	0	0.01	0.08	0.11
1975		0.28	0.49	0.43	0.86	0.78	0.06	0.09	0.01	0.01	0.05	0.01	0.04	0.19
1976		0.33	0.12	1.69	0.71	0.42	0.3	0.02	0.13	0.14	0.08	0.05	0.22	0.15
1977		0.37	0.01	0.07	2.7	0.41	0.22	0.04	0.08	0	0.08	0.27	0.22	0.73
1978		0.29	0.05	0.18	1.8	2.1	0.25	0.05	0.01	0	0.02	0.11	0.1	0.14
1979		0.34	0.72	0.17	1.66	0.97	0.1	0.02	0.04	0.02	0.01	0.02	0.3	0.61
1980		0.31	0.14	0.07	1.01	0.58	0.15	0.07	0.02	0.02	0.03	0.01	0.04	0.4
1981		0.32	0.03	2.62	0.26	0.21	0.22	0.08	0.02	0.02	0.28	0.43	0.25	0.18
1982		0.37	0.19	0.01	2.03	0.48	0.08	0.1	0.02	0.02	0.06	0.13	0.34	0.88
1983		0.22	0.45	0.64	0.19	0.16	0.29	0.24	0.03	0.08	0.05	0.02	0.13	0.68
1984		0.3	0.03	1.97	0.62	0.25	0.1	0.22	0.06	0.01	0.12	0.01	0.29	0.43
1985		0.4	0.3	0.91	1.66	0.48	0.03	0.08	0.02	0.01	0.17	0.24	0.64	0.21
1986		0.37	0.84	0.16	2.23	0.22	0.16	0.1	0.04	0.02	0.33	0.77	0.27	0.6
1987		0.31	0.2	0.01	1.27	0.75	0.08	0.08	0.01	0.03	0.01	0.05	0.01	0.81
1988		0.23	0.16	0.24	1.08	0.22	0.09	0.05	0.01	0.01	0.01	0.13	0.41	0.43
1989		0.18	0.33	0.34	0.88	0.48	0.02	0.13	0.03	0	0.01	0.03	0.25	0.08
1990		0.35	1.64	0.68	0.85	0.16	0.18	0.03	0.15	0.1	0.16	0.03	0.43	0.36
1991		0.22	0.28	0.61	0.76	0.28	0.16	0.1	0.05	0.01	0	0.01	0.07	0.38
1992		0.37	0.31	0.78	1.07	0.43	0.16	0.04	0.18	0.17	0.34	0.35	0.68	0.28
1993		0.27	0.9	0.06	2.14	0.91	0.08	0.14	0.02	0.01	0.03	0.15	0.14	0.37
1994		0.27	0.16	4.09	1.41	0.22	0.17	0.09	0.11	0.01	0.01	0.03	0.06	0.35
1995		0.33	0.6	0.08	1.65	0.28	0.18	0.1	0.07	0.13	0.01	0.01	0.42	0.48
1996		0.38	0.83	0.87	0.72	0.37	0.38	0.16	0.04	0.03	0.42	0.01	0.27	0.51
1997		0.25	0.38	0.61	0.42	0.27	0.31	0.07	0.06	0.02	0.01	0.05	0.05	0.48
1998		0.21	0.73	0.69	0.45	0.24	0.05	0.02	0.02	0.02	0	0.01	0.01	0.07
1999		0.16	0.39	0.43	0.54	0.18	0.06	0.05	0.05	0.01	0.02	0.01	0.11	0.32
2000		0.28	0.33	1.01	0.2	0.36	0.19	0.24	0.36	0.5	0.16	0.1	0.21	0.19
2001		0.26	1.21	0.83	1.15	0.38	0.05	0.08	0.02	0.01	0.02	0.26	0.18	0.77
2002		0.19	0.31	0.62	0.41	0.35	0.14	0.14	0.02	0.08	0	0.01	0.02	0.27
2003		0.26	0.09	0.43	0.54	0.18	0.06	0.05	0.05	0.01	0.02	0.01	0.11	0.32
2004		0.29	0.38	0.4	1.17	0.15	0.29	0.04	0.01	0.06	0.03	0.02	0.08	0.38
		0.28	0.40	0.66	1.17	0.46	0.16	0.09	0.05	0.05	0.06	0.11	0.22	0.37 Average 1960 - 2014
		0.28	0.40	0.65	1.17	0.46	0.16	0.09	0.05	0.05	0.06	0.11	0.22	0.37 Average1960 - 2004
		0.28	0.41	0.66	1.17	0.45	0.16	0.09	0.05	0.05	0.06	0.12	0.22	0.36 Average 1960 - 2002

Exeter Note Greyed area derived from BRFU provisional streamflow data. Hydat data 1965 to 2002

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	698.99	64.91	65.94	28.7	95.2	109.48	82.4	33.66	18.97	24.45	49.73	87.48	33.07
1961	627.28	17.81	63.22	49.04	80.11	79.96	71.31	103.57	70.91	70.65	68.58	85.96	67.15
1962	819.18	52.17	31.62	12.99	59.4	51.89	90.13	39.01	103.66	69.84	154.98	52.8	150.69
1963	612.55	16.04	40.34	58.03	66.09	74.31	46.65	48.19	26.28	38.83	21.81	92.7	77.39
1964	1028.47	55.66	38.8	86.37	66.61	68	53.29	117.91	276.55	41.85	79.78	38.87	77.78
1965	916.85	93.11	57.42	48.88	84.61	66.15	21.38	80.59	99.74	56.74	127.35	113.11	70.77
1966	1107.3	69.12	64.63	82.78	78.79	67.87	122.81	48.68	111.45	80.67	51.68	179.77	149.95
1967	1056.18	34.37	42.31	47.07	68.62	58.12	147.19	54.68	120.68	91.47	107.68	139.52	84.48
1968	961.88	88.7	66.3	63.06	65.65	45.08	89.32	42.89	57.76	107.87	119.38	103.37	114.5
1969	908.16	106.38	37.95	43.4	105.78	110.06	47.88	126.94	24.48	24.5	76.4	135.25	65.43
1970	929.16	16.6	26.53	54.4	102.21	86.74	93	165.79	45.67	113.98	67.96	87.48	116.75
1971	735.37	63.97	60.44	35.24	36.76	21.48	35.25	60.72	156.69	57.42	32.63	57.41	97.55
1972	926.31	53.76	39.96	50.75	71.09	87.72	58.45	86.74	45.59	89.58	154.49	81.96	146.22
1973	882.25	43	40.62	147.49	60.77	92.62	88.07	10.3	42.6	42.15	95.54	127.65	89.56
1974	906.12	71.85	62.64	65.21	96.07	147.83	95.27	37.42	36.81	69.7	49.26	119.19	151.67
1975	1067.8	92.91	79.38	75.4	94.53	71.85	93.69	72.33	191.27	68.4	31.91	79.57	156.56
1976	1143.63	84.1	69.6	135.41	90.6	85.4	84.19	179.82	79.62	112.81	67.11	99	58.68
1977	956.58	26.81	43.58	63.12	63.88	10.79	80.24	45.16	144.44	184.76	52.13	126.44	107.93
1978	858.32	95.27	9.11	65.71	56.77	76.47	54.48	32.49	78.59	168.8	94.95	89.9	100.68
1979	967.54	43.19	15.58	54.93	134.26	57.84	65.74	95.74	47.57	37.5	172.05	158.2	93.94
1980	931.4	44.28	33.88	76.31	98.95	65.37	86.58	117.52	41.61	96.1	127.47	39.46	69.88
1981	1021.04	32.41	55.56	70.35	65.63	83.34	65.81	64.39	140.03	144.33	136.27	75.46	67.36
1982	1058.14	76.62	25.75	67.58	63.18	74.35	88.72	61.13	115.86	130.97	48.2	145.15	108.33
1983	974.7	42.55	40	45.95	103.49	127.82	52.08	82.89	88.06	136.28	62.73	95.96	96.9
1984	1041.74	41.36	84.81	81.41	63.24	115.13	100.79	57.9	110.43	133.06	47.87	126.32	107.3
1985	1194.65	91.86	139.42	98.89	61.82	62.34	61.94	80.56	143.87	94.57	105.31	136.85	117.22
1986	1208.3	51.86	44.75	53.62	77.5	61.23	128.22	113.52	133.9	208.2	114.89	41.86	73.73
1987	891.62	54.41	36.18	58.55	44.5	42.54	32.93	62.73	86.92	96.38	130.56	135.67	110.25
1988	1000.83	64.23	76.1	50.96	58.22	58.88	13.7	63.19	77.18	109.06	201.51	131.97	81.85
1989	859.54	73.42	35.55	42.51	57.62	110.72	51.87	13.02	81.4	125.99	72.15	126.35	68.94
1990	1222.97	66.19	65.91	54.27	79.82	102.26	77.68	107.52	105.11	148.08	152.92	119.32	122.89
1991	946.68	43.53	56.1	94.97	66.27	81.37	36	110.19	68.1	53.08	123.19	91.51	89.17
1992	1164.03	87.57	63.11	42.2	146.34	55.5	74.31	163.6	130.77	131.71	56.4	125.2	76.28
1993	890.69	97.51	38.94	17.15	81.69	47.01	145.44	82.11	69.93	141.79	64.35	69.84	34.93
1994	874.32	66.78	15.42	50.74	113.38	78.48	121.33	79.14	54.49	58.04	84.04	76.85	54.94
1995	903.32	87.75	27.66	45.13	98.42	77.97	70.62	74.06	57.45	39.23	158.51	171.24	41.08
1996	1298.74	53.58	63.91	24.87	138.41	104.96	168.52	84.53	49.09	354.49	99.81	106.98	92.58
1997	945.59	82.49	82.04	74.44	39.61	125.71	52.41	73.76	118.42	74.57	117.62	65.16	40.36
1998	758.11	98.43	28.85	110.27	38.71	41.55	26.04	84.22	108.88	24.28	52.52	79.24	65.92
1999	758.93	98.91	48.12	32.48	61.19	79.59	55.31	50.5	55.85	86.26	59.4	71.33	69.39
2000	1228.96	44.72	49.21	46.49	78.46	146.82	196.63	258.24	34.12	170.68	32.05	57.69	112.73
2001	888.19	49.71	94.27	25.47	54	63.95	69.76	19.71	67.54	147.49	146.04	101.15	49.1
2002	825.36	52.86	74.4	54.87	93.93	118.05	65.55	92.21	17.36	59.73	56.69	86.7	50.9
2003	979.96	49.09	44.04	42.02	83.03	112.78	65.58	63.35	49.61	136.84	101.9	116.39	93.83
2004	846.01	97.87	25.87	95.44	41.7	160.04	65.76	130.21	46.97	27.29	73.24	77.27	94.35
	955.27	63.42	55.42	60.36	79.33	81.24	77.32	82.68	95.21	102.10	88.87	99.50	83.93 Average 1960 - 2004
	989.22	71.23	55.00	56.02	76.92	86.14	79.88	92.13	77.71	119.94	97.66	99.58	77.02 Average1965 - 2004
	992.21	70.68	57.23	54.61	78.53	85.56	80.35	91.62	80.86	123.59	98.78	99.88	75.13 Average 1965 - 2002

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	228.84	49.67	64.1	35.6	2.96	0	0	0	0	0	3.55	30.32	42.74
1961	142.27	30.93	10.67	14.19	21.88	0	0	0	0	0	0	20.58	42.14
1962	197.3	49.84	39.66	4.46	0	0	0	0	0	0	27.28	0	76.06
1963	236.81	33.34	58.12	12.54	0	0	0	0	0	0	0	16.1	116.71
1964	178.44	25.95	40.88	40.26	9.48	0	0	0	0	0	10.09	19.25	32.52
1965	216.94	73.14	59.51	27.87	20.42	0	0	0	0	0	0	14.98	19.18
1966	327.8	111.9	32.65	33.14	20.46	0	0	0	0	0	0	35.47	94.18
1967	232.13	36.62	58.3	52.5	0	0	0	0	0	0	0	61.77	22.94
1968	283.91	58.63	66.45	32.78	2.69	0	0	0	0	0	0	26.61	96.75
1969	292.75	103.82	66.33	36.98	0	0	0	0	0	0	8.15	54.26	43.18
1970	265.3	33.68	44.88	24.78	17.82	0	0	0	0	0	0	44.96	103.08
1971	228.29	104.63	33.81	62.85	4.13	0	0	0	0	0	0	20.37	22.5
1972	244.33	65.75	51	17.37	7.05	0	0	0	0	0	8.46	32.9	63.8
1973	177	29.1	43.47	29.18	2.41	0	0	0	0	0	0	22.31	53.53
1974	193.76	32.58	34.58	20.43	4.41	0.41	0	0	0	0	1.2	10.49	48.68
1975	249.06	27.01	51.28	44.58	27.53	0	0	0	0	0	0	10.65	88.03
1976	347.66	110.1	38.29	31.13	8.06	0.71	0	0	0	0	2.16	66.95	89.86
1977	280.09	68.4	22.17	11.98	12.36	0	0	0	0	0	0	27.68	127.49
1978	223.55	138.74	18.19	8.73	0.4	0	0	0	0	0	0	8.92	18.37
1979	168.51	67.83	16.76	13.95	24.86	0	0	0	0	0	3.44	22.27	19.38
1980	194.76	45.02	51.2	38.42	2.9	0	0	0	0	0	0.52	4.33	51.4
1981	238.97	68.22	41.55	50.27	0.15	0	0	0	0	0	12.35	8.88	57.55
1982	260.82	132.51	42.27	24.11	20.44	0	0	0	0	0	0.41	13.82	26.26
1983	181.62	29.68	14.75	22.67	9.3	0	0	0	0	0	0	15.48	93.74
1984	176.91	61.85	30.85	40.56	0.61	7.39	0	0	0	0	0	4.12	31.93
1985	425.09	127.11	90.14	29.95	13.27	0	0	0	0	0	0	7.64	156.98
1986	196.45	58	42.08	35.35	4.92	0	0	0	0	0	0	22.75	35.54
1987	146.93	61.38	25.4	26.52	5.01	0	0	0	0	0	5.55	26.24	34.83
1988	253.21	38.7	94.37	28.35	1.33	0	0	0	0	0	8.43	15.36	63.76
1989	253.31	32.07	93.02	6.81	20.18	5.64	0	0	0	0	0	38.59	66.19
1990	130.82	23.66	27.56	3.78	5.07	6.08	0	0	0	0	2.12	10.87	51.69
1991	220.05	55.7	58.64	9.27	2.31	0	0	0	0	0	0	16.2	77.91
1992	170.39	63.33	21.8	22.57	3.26	0	0	0	0	0	15.94	12.25	31.24
1993	175.36	36.07	67.35	18.61	6.88	0	0	0	0	0	0	13.01	28.24
1994	197.85	107.08	31.45	20.72	10.97	0	0	0	0	0	0	8.39	19.24
1995	235.55	49.21	58.74	9.67	11.17	0	0	0	0	0	0	56.08	52.48
1996	186.66	24.6	21.02	26.53	6.2	0	0	0	0	0	0	63.67	42.84
1997	202.99	63.74	14.55	17.94	3.26	0	0	0	0	0	35.39	25.01	23.1
1998	113.79	35.8	0	52.57	0	0	0	0	0	0	0	1.62	23.8
1999	190.43	121.88	7.49	34.38	0	0	0	0	0	0	0	7.48	19.2
2000	251.41	44.93	27.55	12.3	8.93	0	0	0	0	0	0	14.21	143.59
2001	128.6	50.19	21.34	21.03	6.45	0	0	0	0	0	0.55	0	28.04
2002	180.02	38.39	33.15	22.69	9.23	0	0	0	0	0	0.24	34.32	42
2003	224.51	83.94	47.08	35.08	9.67	0	0	0	0	0	0	6.64	22.43
2004	262.63	154.32	10.7	22.85	0.44	0	0	0	0	0	0	3.52	70.8

1965	0.29	0.12	0.07	0.4	0.33	0.63	0.15	0.23	0.13	0.16	0.16	0.29	0.55	
1966	0.27	0.22	0.69	0.17	0.4	0.35	0.15	0.35	0.14	0.11	0.32	0.4	0.49	
1967	0.3	0.55	0.95	0.24	0.4	0.53	0.47	0.14	0.4	0.42	0.11	0.13	0.31	
1968	0.32	0.51	0.56	0.23	0.55	0.48	0.3	0	0	0.18	0.11	0.29	0.31	
1969	0.31	0.34	0.39	0.21	0.43	0.58	0.22	0.29	0.33	0.33	0.41	0.16	0.65	
1960	0.3	0.19	0.35	0.27	0.51	0.18	0.35	0.07	0.32	0.13	0.24	0.33	0.42	
1961	0.34	0.57	0.29	0.29	0.44	0.41	0.43	0.14	0.53	0.3	0.25	0.11	0.29	
1962	0.29	0.38	0.35	0.26	0.27	0.35	0.14	0.19	0.21	0.27	0.35	0.24	0.46	
1963	0.26	0.22	0.69	0.1	0.32	0.61	0.08	0.53	0.65	0.25	0.34	0.4	0.45	
1964	0.3	0.3	0.13	0.36	0.41	0.51	0.22	0.28	0.69	0.31	0.43	0.27	0.27	
1965	0.23	0.17	0.7	0.16	0.3	0.35	0.26	0.43	0.42	0.51	0.32	0.18	0.44	
1966	0.34	0.11	0.18	0.42	0.36	0.36	0.16	0.41	0.47	0.37	0.37	0.45	0.33	
1967	0.34	0.26	0.16	0.63	0.71	0.32	0.58	0.42	0.2	0.5	0.21	0.31	0.52	
1968	0.3	0.18	0.37	0.32	0.54	0.52	0.44	0.1	0.09	0.35	0.4	0.39	0.29	
1969	0.25	0.09	0.32	0.24	0.48	0.31	0.36	0.15	0.3	0.27	0.41	0.14	0.27	
2000	0.24	0.34	0.09	0.53	0.28	0.24	0.18	0.12	0.19	0.17	0.73	0.3	0.49	
2001	0.32	0.62	0.17	0.33	0.48	0.63	0.51	0.44	0.02	0.11	0.19	0.47	0.31	
2002	0.32	0.36	0.24	0.44	0.32	0.34	0.45	0.15	0.36	0.1	0.36	0.29	0.21	
2003	0.28	0.5	0.2	0.14	0.45	0.3	0.49	0.61	0.44	0.15	0.21	0.27	0.29	
2004	0.22	0.62	0.32	0.15	0.46	0.2	0.53	0.22	0.19	0.28	0.27	0.07	0	
	0.29	0.33	0.36	0.30	0.43	0.41	0.32	0.26	0.30	0.25	0.31	0.28	0.37	Average 1960 - 2004
	0.29	0.33	0.36	0.30	0.43	0.41	0.32	0.26	0.30	0.25	0.31	0.28	0.37	Average1965 - 2004
	0.26	0.31	0.37	0.32	0.43	0.43	0.30	0.25	0.30	0.25	0.32	0.30	0.39	Average 1965 - 2002

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12

1965	450.17	30.18	110.12	124.33	56.03	3.45	4.37	4.44	3.38	14.31	25.78	59.05	15.72	
1966	445.21	45.51	5.95	132.53	11.35	11.81	14.88	4.75	7.73	113.03	68.12	9.42	24.13	
1967	237.9	9.88	0.27	74	30.11	2.85	0.65	1.18	0.3	0.41	3.36	50.74	64.15	
1968	236.77	11.57	10.95	36.76	12.32	8.54	0.97	0.18	0.36	0.81	10.83	46.59	37.28	
1969	181.28	38.5	10.29	50.41	26.54	3.91	12.43	0.47	0.51	1.07	1.6	33.58	3.77	
1960	434.56	80.88	46.42	40.29	16.73	15.48	4.68	30.16	6.16	24.28	65.99	53.31	50.95	
1961	230.05	12	10.49	83.25	36.15	10.7	3.27	3.91	0.27	0.37	1.24	13.74	32.64	
1962	475.52	31.32	32.23	81.72	67.32	12.74	8.75	23.86	40.96	43	16.58	87.28	29.82	
1963	323.52	85.2	3.62	67.18	55.54	4.61	13.8	2.24	0.52	6.77	13.5	13.51	17.03	
1964	346.25	19.88	99.79	114.57	40.11	14.41	13.35	8.53	0.47	0.94	1.24	8.15	26.81	
1965	248.38	57.54	3.66	126.73	29.58	17.04	11.93	2.49	0.61	0.29	0.99	77.36	19.86	
1966	599.66	80.69	53.62	20.31	57.63	41.14	57.57	8.02	1.91	153.96	26.71	32.68	62.4	
1967	268.42	41.67	92.38	33.89	6.01	34.98	3.3	2.13	2.86	1.06	8.18	24.65	17.27	
1968	169.18	75.88	16.58	46.81	12.72	3.3	0.73	2.37	2.04	0.2	3.47	0.77	5.31	
1969	152.86	56.24	28.88	16.49	9.71	6.24	2.53	1.46	0.49	0.96	0.44	5.74	23.44	
2000	425.18	17.16	62.7	9.53	32.95	64.14	56.71	103.14	28.26	42.66	3.66	24.73	19.74	
2001	314.61	10.93	109.87	53.08	23.79	4.82	4.22	0.43	0.57	4.36	44.12	22.22	36.2	
2002	234.72	20.72	58.76	30.21	38.02	31.33	9.09	7.43	1.59	1.03	1.62	7.16	27.74	
2003	106.7	7.95	32.43	90.19	23.58	35.47	7.99	2.73	2.69	3.13	23.74	54.04	51.57	
2004	322.47	17.79	19.2	129.92	10.77	48.47	3.19	5.92	4.66	0.79	1.18	11.32	68.26	
	326.82	37.48	40.67	70.62	29.83	17.67	13.72	10.80	5.33	20.74	16.56	31.82	31.61	Average 1960 - 2004
	326.82	37.48	40.67	70.62	29.83	17.67	13.72	10.80	5.33	20.74	16.56	31.82	31.61	Average1965 - 2004
	326.57	40.21	42.31	66.24	31.20	14.97	14.62	11.52	5.52	22.83	17.02	31.72	28.41	Average 1965 - 2002

Rc

Year	Year Rc	1	2	3	4	5	6	7	8	9	10	11	12

1965	0.36	0.33	0.79	1.26	0.89	0.06	0.07	0.06	0.02	0.15	0.24	0.43	0.13	
1966	0.37	0.88	0.13	2.47	0.15	0.19	0.12	0.04	0.06	0.37	0.59	0.22	0.33	
1967	0.27	0.18	0.01	1.26	0.68	0.07	0.02	0.02	0	0	0.03	0.37	0.58	
1968	0.24	0.21	0.14	1.55	0.21	0.11	0.08	0	0	0	0.1	0.35	0.46	
1969	0.21	0.5	0.29	1.19	0.46	0.04	0.24	0.04	0.01	0.01	0.02	0.27	0.05	
1960	0.36	1.22	0.7	0.74	0.24	0.15	0.06	0.22	0.06	0.16	0.43	0.45	0.41	
1961	0.24	0.28	0.58	0.88	0.36	0.13	0.08	0.04	0	0.01	0.01	0.15	0.37	
1962	0.41	0.36	0.51	1.94	0.46	0.23	0.12	0.15	0.31	0.33	0.25	0.69	0.39	
1963	0.36	0.87	0.09	3.82	0.68	0.1	0.37	0.02	0.01	0.05	0.21	0.19	0.49	
1964	0.4	0.23	0.47	2.26	0.35	0.18	0.11	0.11	0.01	0.02	0.01	0.11	0.45	
1965	0.34	0.66	0.13	2.81	0.3	0.22	0.17	0.03	0.02	0.01	0.01	0.45	0.48	
1966	0.46	1.51	1.01	0.82	0.42	0.39	0.34	0.09	0.04	0.44	0.38	0.31	0.67	
1967	0.28	0.61	1.13	0.46	0.16	0.28	0.06	0.03	0.02	0.01	0.07	0.36	0.43	
1968	0.22	0.77	0.64	0.42	0.33	0.08	0.03	0.03	0.02	0.01	0.01	0.01	0.08	
1969	0.2	0.57	0.6	0.51	0.18	0.09	0.05	0.03	0.01	0.01	0.01	0.08	0.34	
2000	0.35	0.38	0.87	0.21	0.42	0.3	0.29	0.4	0.83	0.25	0.11	0.43	0.18	
2001	0.35	0.22	1.17	2.08	0.44	0.08	0.06	0.02	0.01	0.03	0.3	0.22	0.74	
2002	0.28	0.39	0.79	0.55	0.4	0.27	0.14	0.08	0.09	0.02	0.03	0.08	0.65	
2003	0.34	0.16	0.74	2.15	0.28	0.31	0.09	0.04	0.05	0.02	0.23	0.46	0.55	
2004	0.34	0.18	0.74	1.36	0.26	0.3	0.05	0.05	0.1	0.02	0.02	0.15	0.73	
	0.32	0.52	0.88	1.44	0.38	0.18	0.13	0.08	0.08	0.10	0.15	0.29	0.42	Average 1960 - 2004
	0.32	0.52	0.88	1.44	0.38	0.18	0.13	0.08	0.08	0.10	0.15	0.29	0.42	Average1965 - 2004
	0.32	0.56	0.89	1.41	0.40	0.17	0.13	0.08	0.08	0.10	0.16	0.29	0.40	Average 1965 - 2002

South Portrill Note Greyed area derived from BRFIV provisional streamflow data. Hydat data 1965 to 2002

Distributed Precipitation

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1960	759.13	76.21	72.82	54.38	87.11	123.86	79.58	30.43	21.65	39.36	53.73	96.5	25.41	
1961	642.73	22.73	60.79	54.26	63.72	79.68	70.63	99.21	68.17	73.91	71.96	80.31	67.18	
1962	628.97	72.42	37.4	16.44	61.13	52.04	87.44	38.16	99.65	73.28	148.94	51.44	80.63	
1963	639.9	21.9	42.16	73.22	68.17	74.38	45.16	49.68	34.67	40.71	20.21	107.63	60.01	
1964	1016.73	59.74	42.43	87.28	100.2	68.87	51.83	115.25	265.61	43.88	76.54	35.36	71.72	
1965	915.28	94.31	58.13	49.5	87.79	66.35	20.91	78.79	95.71	58.34	130.95	106.53	84.87	
1966	1076.54	67.25	63.84	83.16	81.89	68.1	119.33	67.47	107.18	86.4	53.3	168.68	131.97	
1967	984.47	33.94	44.12	47.64	88.38	58.02	142.76	55.4	115.88	91.77	111.25	116.51	82.8	
1968	938.77	91.27	66.86	63.41	68.02	42.86	86.69	61.94	55.57	112.9	123.02	86.27	90.96	
1969	887.74	107.86	38.3	43.87	109.21	109.91	46.57	110.68	23.58	25.42	76.01	125.92	47.11	
1970	925.25	16.06	26.51	55.18	104.59	94.03	49.41	190.04	45.66	104.34	58.44	91.56	96.43	
1971	724.87	72.07	55.36	33.59	34.07	20.08	33.43	70.74	167.11	66.46	26.01	52.38	90.76	
1972	879.62	51.06	29.21	52.54	70.38	101.52	55.23	45.1	43.77	96.62	135.29	78.42	127.68	
1973	851.95	46.21	38.76	165.4	60.06	94.78	87.01	29.46	33.83	41.82	87.96	117.72	53.83	
1974	854.7	72.94	69.33	66.44	92.84	148.02	63.27	36.19	42.85	66.81	36.94	106.67	32.4	
1975	998.77	99.82	88.68	81.16	95.41	77.15	92.23	87.11	169.15	79.1	30.6	67.43	89.93	
1976	1135.46	88.84	60.32	135.68	85.25	83.42	76.53	198.8	79.65	125.12	65.48	82.58	33.49	
1977	930.9	24.4	35.86	61.95	58.82	12.69	84.27	38.62	134.52	203.43	49.23	123.68	94.33	
1978	811.89	107.16	9.23	37.32	57.38	76.06	56.02	32.57	72.33	172.05	66.31	34.11	73.35	
1979	874.34	21.85	14.06	48	139.08	55.46	62.41	75.08	45.14	40.01	148.26	142.57	82.12	
1980	872.34	33.22	30.22	65.58	98.91	98.6	60.98	123.58	47.26	113.6	124.07	36.12	64.18	
1981	930.12	37.61	44.32	75.74	88.81	80.46	67.87	49.48	106.37	147.73	106.26	74.04	52.23	
1982	938.72	85.44	26.6	61.95	62.83	85.8	78.29	48.32	102.83	128.42	44.95	127.4	85.69	
1983	650.04	32.78	39.76	50.08	99.99	119.21	49.67	61.05	66.41	138.35	52.6	86.24	53.67	
1984	985.47	43.26	57.52	76.54	67.72	106.95	109.47	57.9	86.94	136.74	50.2	114.49	65.74	
1985	1139.18	98.63	142.32	90.77	59.87	58.07	58.27	74.03	123.61	95.51	97.27	129.33	80.5	
1986	1139.28	60.68	46.34	47.14	73.06	60.17	122.09	124.92	123.03	309.59	83.82	34.39	55.04	
1987	845.4	57.08	27.82	54.62	51.3	44.37	51.38	48.23	84.09	115.96	114.62	114.24	81.69	
1988	881.93	46.81	66.48	50.95	53.66	45.45	14.68	70.09	61.69	101.7	194.43	118.83	52.16	
1989	761.5	64.44	34.53	42.77	51.41	104.67	56.33	20.78	56.96	111.39	60.22	120.62	37.48	

	427.37	65.79	59.70	101.52	44.82	23.48	15.52	6.64	5.09	19.54	23.77	42.05	54.78	Average1966 - 2004
	437.96	42.56	63.74	100.36	45.51	20.79	15.83	7.16	5.24	20.52	24.24	41.52	53.51	Average 1966 - 2002

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1966	52.15	4.58	6.03	12.86	9.39	3.62	0.54	0	0.29	0	0.16	5.72	8.88
1967	62.33	6.65	4.8	10.57	10.07	2.7	2.32	0.91	0.14	0.05	3.48	12.05	8.59
1968	35.22	5.33	3.51	6.63	4.88	2.88	0.92	0.17	0	0.04	0.74	4.92	4.9
1969	41.04	5.95	6.36	8.54	8.29	4.08	0.73	0	0	0	0	1.13	5.95
1970	47.33	3.12	6.18	17.28	7.95	1.12	0.04	0.06	0.08	0	0.07	2.1	9.33
1971	62.76	3.52	10.29	25.47	7.59	0.64	0	0	0.07	0.01	0	0.21	14.96
1972	73.13	9.94	1.4	16.85	12.76	3.08	0.02	0.03	0	0	0.48	12.29	16.28
1973	57.88	9.87	4.39	22.57	7.53	4.7	0.69	0	0	0	0	2.66	4.67
1974	37.02	6.76	6.21	10.84	6.58	5.14	0.06	0	0	0	0	0.45	2.98
1975	51.72	4.9	2.95	14.44	16.39	2.68	2.29	0.01	0.13	0.79	0.93	1.61	4.61
1976	73.37	3.14	20.45	23	5.18	5.21	0.33	1.91	0.5	0.5	2.87	7.17	3.11
1977	58.64	2.57	2.72	23.64	9	1.5	0.38	0	0	0.38	3.76	5.8	10.59
1978	39.08	1.35	0.43	13.37	17.81	3.14	0.45	0	0	0	0.2	0.6	1.73
1979	55.17	1.54	0.93	17.97	22.08	4.42	0.42	0.19	0.03	0	0.13	1.73	5.72
1980	47.34	3.4	1.63	14.12	14.39	2.65	1.07	0.44	0.18	0.08	4.24	2.1	3.03
1981	96.48	1.68	11.96	12.14	8.46	7.32	3.37	0.91	0.18	3.04	10.86	11.85	24.41
1982	101.53	11.87	4.67	34.71	11.88	2	2.85	0.18	0.06	0.06	2.2	15.14	19.59
1983	68.03	10.52	9.68	8.18	11.2	10.3	3.49	0.1	0.29	0.08	0.36	4.53	9.3
1984	63.65	1.58	9.67	11.64	8.46	3.92	3.03	0.82	0	2.04	1.18	8.9	12.21
1985	136.7	7.28	17.08	73.23	9.61	1	0.98	0.05	0.15	1	1.31	13.95	11.05
1986	80.57	6.78	5.58	15.14	9.06	2.58	1.55	0.1	0.18	7.58	14.01	3.98	14.02
1987	67.03	10.85	4.57	9.81	8.27	0.94	0.12	0	0	0.09	1.69	5.61	25.68
1988	52.11	1.18	4.4	15.11	7.75	1.63	0.04	0	0	0	5.64	12.26	3.87
1989	36.49	5.09	1.43	5.57	9	2.46	0.96	0	0	0.41	2.56	6.2	2.81
1990	98.04	12.62	13.94	12.34	11.33	3.77	0.9	0.31	0.96	5.27	12.95	9.49	14.16
1991	93.87	9.17	5.56	16.97	14.49	4.54	1.26	0.87	0.06	0	0.37	1.51	6.1
1992	113.27	8.5	11.97	18.79	16.51	5.4	1.37	4.77	3.64	6.29	6.5	19.52	10.51
1993	53.73	10.62	2.47	6.62	14.55	2.5	1.31	0.01	0.03	0.11	1.53	3.4	7.18
1994	64.94	1.16	3.49	13.55	14.1	6.26	1.35	1.34	0.96	0.07	2.97	7.38	10.12
1995	36.61	7.25	1.87	6.45	2.09	0.37	0.23	0.01	0	0	1.07	12.86	4.61
1996	114.75	3.59	3.92	8.62	17.51	14.57	9	2.8	0.62	9.32	8.87	14.3	21.33
1997	108.35	9.16	7.63	22.87	14.13	21.6	9.49	0.82	0.9	2.41	0.24	8.62	10.28
1998	57.77	11.75	10.06	19.98	9.29	2.91	0.78	0	0.17	0	0.16	0.84	2.42
1999	38.51	6.23	8.67	6.51	3.9	0.69	0.99	0.13	0	0	0.61	3.94	6.64
2000	114.56	4.52	3.76	5.79	8.71	16.08	21.27	22.73	11.34	1.93	4.03	4.75	9.66
2001	119.36	13.55	16.09	18.37	10.42	1.91	2.96	0.05	0	0.25	19.49	27.02	9.25
2002	52.6	6.75	13.81	12.96	8.46	6.44	2.53	0.06	0	0	0	0.07	0.52
2003	64.53	0.95	1.17	8.58	9.96	12.09	3.03	0.67	0.22	0.24	2.95	11.4	13.37
2004	45.46	4.9	5.05	18.29	7.06	8.28	1.53	0	0.28	0	0	0	0.07
	67.55	6.17	6.55	15.63	10.34	4.85	2.17	1.05	0.56	1.08	3.02	6.76	9.07	Average 1960 - 2004
	67.55	6.17	6.55	15.63	10.34	4.85	2.17	1.05	0.56	1.08	3.02	6.76	9.07	Average1966 - 2004
	68.23	6.26	6.73	16.06	10.43	4.56	2.17	1.08	0.57	1.13	3.10	6.82	9.20	Average 1966 - 2002

BFI

Year	Year BFI	1	2	3	4	5	6	7	8	9	10	11	12
1966	0.19	0.44	0.19	0.22	0.29	0.44	0.03	0	0.15	0	0.15	0.14	0.14
1967	0.17	0.25	0.45	0.13	0.24	0.3	0.08	0.24	0.17	0.04	0.08	0.2	0.15
1968	0.13	0.18	0.08	0.1	0.3	0.39	0.03	0.2	0	0.02	0.09	0.13	0.23
1969	0.17	0.1	0.43	0.18	0.19	0.12	0.24	0	0	0	0	0.07	0.27
1970	0.15	0.15	0.2	0.15	0.14	0.07	0.03	0	0.05	0	0.13	0.2	0.21
1971	0.2	0.28	0.09	0.32	0.36	0.27	0	0	0.01	0.02	0	0.03	0.21
1972	0.21	0.34	0.4	0.18	0.19	0.27	0.01	0.03	0	0	0.04	0.27	0.18
1973	0.19	0.3	0.38	0.18	0.52	0.32	0.18	0	0	0	0	0.08	0.13
1974	0.13	0.1	0.12	0.14	0.17	0.08	0.07	0	0	0	0	0.11	0.3
1975	0.15	0.1	0.08	0.15	0.3	0.33	0.11	0.06	0.03	0.21	0.02	0.36	0.19
1976	0.17	0.21	0.12	0.22	0.14	0.17	0.15	0.08	0.3	0.09	0.22	0.29	0.5
1977	0.15	0.76	0.11	0.14	0.26	0.55	0.11	0	0	0.04	0.28	0.23	0.09
1978	0.14	0.27	0.22	0.09	0.19	0.19	0.42	0	0	0	0.23	0.43	0.18
1979	0.16	0.06	0.29	0.16	0.2	0.35	0.21	0.05	0.04	0	0.21	0.06	0.1
1980	0.15	0.33	0.31	0.08	0.27	0.23	0.1	0.07	0.29	0.1	0.14	0.77	0.11
1981	0.18	0.49	0.06	0.51	0.26	0.48	0.2	0.25	0.1	0.06	0.1	0.29	0.53
1982	0.12	0.14	0.82	0.1	0.28	0.11	0.25	0.24	0.02	0.03	0.08	0.1	0.1
1983	0.17	0.45	0.14	0.28	0.22	0.16	0.21	0.04	0.06	0.04	0.31	0.15	0.09
1984	0.08	0.69	0.04	0.1	0.28	0.18	0.05	0.11	0	0.04	0.48	0.1	0.11
1985	0.11	0.12	0.05	0.16	0.13	0.27	0.3	0.05	0.01	0.02	0.03	0.11	0.24
1986	0.08	0.06	0.22	0.08	0.2	0.13	0.03	0.07	0.06	0.03	0.12	0.28	0.16
1987	0.14	0.47	0.55	0.09	0.14	0.45	0.15	0	0	0.12	0.08	0.07	0.16
1988	0.14	0.16	0.11	0.17	0.49	0.44	0.18	0	0	0	0.08	0.12	0.1
1989	0.18	0.17	0.18	0.13	0.31	0.64	0.21	0	0	0.05	0.35	0.11	0.58
1990	0.18	0.15	0.21	0.21	0.38	0.17	0.26	0.05	0.07	0.14	0.16	0.19	0.22
1991	0.22	0.38	0.12	0.24	0.39	0.13	0.16	0.07	0.04	0	0.1	0.09	0.22
1992	0.17	0.29	0.17	0.41	0.22	0.62	0.36	0.05	0.07	0.09	0.1	0.17	0.27
1993	0.2	0.15	0.56	0.09	0.3	0.54	0.2	0.12	0.18	0.07	0.22	0.21	0.43
1994	0.16	0.04	0.06	0.13	0.38	0.38	0.03	0.22	0.11	0.03	0.19	0.34	0.25
1995	0.12	0.11	0.21	0.09	0.07	0.05	0.09	0.01	0	0	0.18	0.15	0.3
1996	0.16	0.05	0.07	0.3	0.18	0.35	0.17	0.19	0.18	0.07	0.14	0.27	0.31
1997	0.23	0.2	0.08	0.35	0.64	0.2	0.43	0.21	0.09	0.27	0.03	0.27	0.24
1998	0.14	0.09	0.23	0.17	0.52	0.4	0.27	0	0.03	0	0.21	0.23	0.1
1999	0.12	0.06	0.37	0.18	0.16	0.22	0.21	0.21	0	0	0.06	0.07	0.11
2000	0.21	0.17	0.05	0.52	0.13	0.28	0.21	0.65	0.23	0.08	0.24	0.31	0.16
2001	0.22	0.28	0.1	0.38	0.42	0.19	0.12	0.19	0	0.04	0.2	0.38	0.19
2002	0.21	0.27	0.23	0.29	0.13	0.21	0.21	0.03	0	0	0	0.09	0.14
2003	0.13	0.28	0.15	0.07	0.19	0.19	0.19	0.19	0.13	0.17	0.08	0.1	0.12	0.16
2004	0.13	0.38	0.15	0.14	0.58	0.1	0.41	0	0.09	0	0	0	0	0
	0.16	0.24	0.21	0.20	0.27	0.27	0.17	0.09	0.07	0.05	0.15	0.19	0.21	Average 1960 - 2004
	0.16	0.24	0.21	0.20	0.27	0.27	0.17	0.09	0.07	0.05	0.15	0.19	0.21	Average1966 - 2004
	0.16	0.24	0.22	0.20	0.27	0.28	0.16	0.09	0.06	0.05	0.16	0.20	0.21	Average 1966 - 2002

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12
1966	217.07	5.85	26.41	46.84	23.19	4.67	18.9	0.15	1.61	0.54	0.89	34.53	53.39
1967	303.51	20.16	5.75	70.29	32.49	8.44	26.1	2.84	0.7	1.15	37.5	49.24	49.85
1968	228.88	24.14	41.05	59.11	11.17	4.48	29.68	0.69	0.23	2.08	7.35	32.34	16.56
1969	196.34	50.78	8.47	38.58	36.39	28.35	2.32	0.06	0	0	0	15.01	15.97
1970	265.63	17.02	22.97	99.76	47.64	14.99	1.32	15.01	1.49	0	0.45	8.19	35.8
1971	258.42	8.88	105.65	54.53	13.26	1.72	0.56	0	8.66	0.56	1.32	6.26	52.22
1972	280.64	18.98	2.06	75.61	55.86	8.24	1.85	1.14	0	0	10.5	33.35	73.05
1973	245.79	53.15	7.22	103.22	7.06	9.96	3.24	0.31	0.21	0	0.13	30.96	30.33
1974	252.87	60.17	30.25	65.5	32.39	53.13	0.4	0.21	0	0	0	3.48	8.94
1975	290.47	45.53	85.5	79.88	64.91	5.81	19.26	0.16	3.81	2.97	0.2	2.29	20.1
1976	358.96	11.64	147.06	79.9	32.22	25.61	1.93	22.84	1.18	6.13	33.47	17.74	3.16
1977	327.48	0.8	21.8	144.66	16.76	1.25	2.95	0.68	0	8.19	7.2	20.87	102.01
1978	234.2	3.7	1.52	130.15	76.28	13.14	0.62	0	0	0.09	0.66	0.6	7.24
1979	297.91	22.82	2.31	92.85	89.11	8.2	1.55	3.31	0.67	0	0.49	27.26	49.34
1980	263.96	4.98	3.67	135.87	38.94	9.01	9.48	5.51	0.45	0.82	16.7	0.61	25.42
1981	448.85	2.03	188.17	11.72	23.76	8.05	13.16	2.69	1.61	51.76	95.64	29	21.26
1982	751.08	61.21	1.1	328.72	30.64	16.44	8.71	0.58	2.98	2.32	26.09	195.07	167.22
1983	326.73	12.89	57.36	20.81	37.09	54.42	13.29	2.4	4.34	2.19	0.82	26.3	94.82
1984	653.91	0.71	208.16	109.28	21.24	16.27	56.51	6.93	0.94	50.75	1.3	80.76	100.93
1985	1088.97	53.58	319.22	386.33	64.17	2.74	2.34	0.94	14.17	54.28	40.68	115.79	34.73
1986	660.68	107.41	19.46	170.21	38.46	17.89	54.16	1.28	2.89	261.76	108.46	10.24	74.49
1987	396.85	12.48	3.67	93.57	51.07	1.17	0.68	1.21	0.02	0.67	19.65	76.25	136.31
1988	300.64	9.38	35.43	72.28	9.2	2.31	0.18	1.05	0.55	0	62.95	87.53	33.76
1989	165.25	24.92	6.69	38.83	19.73	3.19	3.58	0	0.34	8.54	4.66	52.76	2.01
1990	423.95	73.92	52.84	46.78	18.24	18.5	2.51	6.45	12.58	32.73	69.76	40.25	50.39
1991	232.21	14.71	39.24	53.61	22.42	31.26	6.81	12.06	1.64	0	3.21	16.15	21.1
1992	546.67	20.71	58.57	26.58	54.61	3.67	2.45	82.84	45.42	67.66	61.52	93.57	29.07
1993	204.38	62.04	1.98	68.54	34.6	2.16	5.14	0.88	0.14	1.41	5.45	12.56	9.48
1994	345.31	27.47	72.39	88.71	22.47	12.75	40.31	8.71	8.01	2.08	12.33	14.2	30.04
1995	258.49	61.43	7.22	66.2	26.11	6.74	2.2	0.94	0.8	0	4.73	72.2	10.92
1996	610.92	62.65	53.52	20.27	78.88	43.04	44.3	11.77	3.91	123.21	54.02	38.8	79.65
1997	353.75	35.75	90.41	42.58	8.12	83.88	12.33	3.1	9.28	6.36	6.91	23.32	31.7
1998	355.66	177.03	32.75	96.96	8.59	3.44	2.12	0.31	6.57	0	3.59	2.79	22.51
1999	288.52	101.01	14.83	30.27	20.71	2.46	3.79	1.21	0	0	11.69	49.85	53.7
2000	436.8	21.4	70.5	5.38	57.31	61.74	78.68	28.01	37.66	23.38	12.79	10.77	49.17
2001	413.61	21.84	147.97	30.55	14.49	8.02	22.41	0.21	0	5.96	79.7	44.21	38.25
2002	197.93	18.62	46.71	32.37	61.22	24.16	9.29	1.69	0.02	0	0	0.75	3.1
2003	415.77	2.45	6.7	122.28	61.9	50.05	12.86	4.48	1.1	2.86	26.5	92.7	71.88
2004	317.3	7.89	28.84	112.28	5.2	76.1	2.24	0.4	2.91	0.48	0.04	9.31	71.3
	368.62	34.62	52.15	95.99	34.48	18.62	13.34	5.89	4.53	18.49	20.75	35.28	65.70	Average 1960 - 2004
	368.62	34.62	52.15	95.99	34.48	18.62	13.34	5.89	4.53	18.49	20.75	35.28	65.70	Average1966 - 2004
	369.73	36.21	54.00	94.29	36.07	18.22	13.66	6.07	4.67	19.07	21.16	34.70	68.31	Average 1966 - 2002

Ri

Year	Year Ri	1	2	3	4	5	6	7	8	9	10	11	12
1966	0.2	0.09	0.41	0.56	0.28	0.07	0.16	0	0.02	0.01	0.02	0.2	0.4
1967	0.3	0.59	0.13	1.48	0.36	0.11	0.18	0.05	0.01	0.01	0.34	0.41	0.6
1968	0.24	0.26	0.61	0.93	0.16	0.1	0.34	0.02	0	0.02	0.06	0.34	0.18
1969	0.22	0.47	0.22	0.87	0.33	0.27	0.05	0	0	0	0	0.12	0.34
1970	0.29	1.08	0.84	1.81	0.46	0.16	0.03	0.08	0.03	0	0.01	0.09	0.37
1971	0.35	0.12	1.91	1.62	0.39	0.09	0.02	0	0.05	0.01	0.05	0.12	0.61
1972	0.32	0.37	0.07	1.44	0.79	0.08	0.03	0.03	0	0	0.08	0.43	0.57
1973	0.29	1.15	0.19	0.64	0.12	0.11	0.04	0.01	0.01	0	0	0.26	0.56
1974	0.3	0.82	0.51	0.88	0.36	0.38	0.01	0.01	0	0	0	0.03	0.21
1975	0.29	0.46	0.51	0.88	0.68	0.08	0.21	0	0.02	0.04	0.01	0.03	0.22
1976	0.32	0.13	1.83	0.59	0.38	0.31	0.03	0.11	0.01	0.04	0.16	0.21	0.09
1977	0.36	0.03	0.61	2.34	0.29	0.1	0.04	0.02	0	0.04	0.15	0.17	1.08

South Maitland Tnb. near Seaforth

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Panchi Inflow

Note Greyed area derived from BRFU provisional streamflow data. Hydat data 19674 to 2002
BUT: mistake when ran BFLOW - only 1988 to 2002 data (made a useful usecase to get BFI. MAch 14, 2006)

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	734.7	70.68	72.41	58.58	89.56	116.96	76.07	29.21	23.68	34.73	53.89	93.79	15.14	
1961	819.88	20.57	83.21	58.7	88.04	76.34	67.75	95.29	74.7	65.43	76.49	79.77	56.59	
1962	839.23	66.7	37.29	17.95	63.65	49.83	83.6	36.67	109.3	64.75	147.27	54	78.22	
1963	618.48	19.76	61.97	79.69	70.83	71.34	43.19	47.76	40.23	35.94	21.5	109.34	36.73	
1964	1029.7	54.23	61.46	94.53	101.44	64.08	49.08	110.68	291.51	38.08	75.57	33.75	71.47	
1965	917.81	87.53	57.64	53.15	86.78	63.56	19.99	75.6	104.98	52.51	139.17	109.64	68.26	
1966	1061.69	60.68	63.3	90.26	78.94	65.28	114.06	65.58	117.47	74.61	58.71	175.65	119.35	
1967	993.87	31	43.7	50.68	92.96	58.64	136.4	53.16	127.11	84.66	118.19	112.59	87.28	
1968	915.58	85.27	66.26	68.75	68.48	41.03	62.79	40.28	60.94	84.84	130.67	95.9	74.28	
1969	865.88	96.77	39.2	47.2	113.39	105.27	44.52	127.59	25.85	22.62	78.02	125.03	37.42	
1970	887.21	14.42	39.32	58.7	103.15	90.11	47.26	172.94	53.12	92.31	63.27	89.29	76.32	
1971	729.05	65.15	54.93	35.42	34.17	19.3	31.94	67.97	183.19	58.82	30.86	51.54	95.76	
1972	868.05	46.54	29.08	57.19	71.51	97.23	52.92	43.29	47.9	76.46	142.65	75.53	127.75	
1973	857.52	43.12	38.45	175.23	61.52	90.73	83.23	28.23	37.27	36.96	93.58	120.76	48.42	
1974	842.04	68.83	58.85	72.4	95.42	143.88	89.16	34.75	49.98	58.1	38.18	110.49	24.99	
1975	981.16	94.45	87.95	87.74	92.76	74.01	88.11	35.68	185.61	61.96	32.52	69.09	71.28	
1976	1105.72	80.91	79.63	148.72	86.1	79.87	73.18	190.95	87.68	110.65	69.57	74.63	23.63	
1977	887.5	22.16	35.57	67.99	57.72	12.19	80.6	38.07	147.57	179.86	52.3	121.36	72.11	
1978	795.7	98.05	8.16	45.8	58.74	72.89	53.53	31.22	79.3	152.14	90.58	39.57	74.72	
1979	885.1	20.19	14.06	52.45	136.73	53.2	58.6	72.08	49.64	35.63	154.49	147.43	99.6	
1980	862.64	30.8	30.91	71.11	103.19	63.95	87.02	118.73	51.79	105.45	131.84	37.07	39.48	
1981	918.22	33.92	44.11	81.48	90.2	77.07	64.2	47.55	118.75	130.52	111.41	75.22	43.79	
1982	930.15	77.62	26.48	67.51	60.65	82.24	74.89	66.42	112.83	113.76	47.8	135.14	88.81	
1983	826.67	30.61	39.42	54.45	101.28	114.21	47.46	58.58	73.13	122.32	56.93	88	41.29	
1984	990.52	28.95	56.92	83.06	70.42	102.81	104.61	55.18	95.31	122.66	53.13	120	87.07	
1985	1081.15	90.28	143.92	98.98	58.48	55.66	55.8	71.07	125.54	84.38	103.22	134.41	52.39	
1986	1080.88	54.43	45.74	50.7	74.86	57.68	112.22	116.61	137.51	256.51	84.27	34.1	56.06	
1987	849.73	55.05	31.52	56.28	56.2	80.24	58.33	51.42	94.51	105.98	121.38	114.23	74.54	
1988	855.83	39.88	61.89	58.53	58.36	39.23	14.08	70.42	68.35	87.3	186.09	119.73	43.97	
1989	713.01	52.81	34.62	46.8	49.02	100.63	54.39	23.83	56.62	86.65	62.74	121.88	23.01	
1990	1085.35	48.51	87.17	57.41	67.92	75.57	88.06	154.05	125.75	110.71	120.84	96.9	79.46	
1991	927.6	36.44	41	92.83	86.4	83.48	49.13	131.33	108.03	44.58	110.38	87.94	44.56	
1992	1157.85	83	61.33	48.05	143.29	41.49	73.14	168.67	129.94	114.24	77.98	139.31	60.41	
1993	846.48	87.21	40.9	23.76	88.62	46.52	117.43	65.73	57.16	137.24	76.13	58.98	26.8	
1994	845.94	81.13	14.67	56.07	121.59	67.22	109.67	68.21	70.68	76.6	69.24	63.56	47.3	
1995	880.5	98.79	28.17	48.4	98.17	74.67	54.49	90.51	71.04	31.9	116.6	150.26	20.5	
1996	1213.39	57.14	43.95	26.16	139.12	90.16	180.57	101.16	37.83	281.2	89.94	78.61	87.55	
1997	876.59	64.65	79.31	84.8	38.27	136.48	46.91	58.47	151.25	52.47	79.68	53.67	28.53	
1998	791.6	93.15	36.19	130.37	39.03	56.73	25.53	80.98	98.81	49.2	49.74	70.13	61.93	
1999	835.44	86.41	39.79	20.97	69.96	58.81	66.49	62.31	60.63	73.89	77.84	99.67	79.68	
2000	1040.81	54.76	47.76	34.19	65.76	129.52	148.74	157.43	44.71	169.3	45.69	70.16	52.77	
2001	925.19	49.24	65.94	36.59	55.42	75.07	68.78	30.66	55.26	163.93	154.61	87.23	42.46	
2002	752.28	60.67	79.6	54.68	97.78	100.89	49.59	83.69	14.07	42.26	58.1	80.14	30.81	
2003	946.34	44.97	47.68	47.32	92.27	111.95	77.08	70.75	45.95	119.21	105.09	113.8	75.17	
2004	953.98	66.44	39.45	104.22	37.56	149.15	65.13	126.24	63.46	26.29	79.71	78.44	60.69	
	905.65	59.30	50.06	66.49	80.71	77.23	73.39	78.17	88.11	92.23	87.66	93.22	60.09	Average 1960 - 2004
	915.97	61.73	51.78	63.73	81.95	76.08	74.79	80.58	88.49	108.88	87.32	92.52	54.14	Average1974 - 2002
	917.20	66.25	54.15	54.31	82.38	78.56	78.54	91.18	76.66	101.43	92.31	92.75	68.68	Average 1988 - 2002

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	204.44	43.4	68.49	44.47	1.97	0	0	0	0	0	1.24	28.02	16.85	
1961	119.32	33.94	9.63	20.59	24.33	0	0	0	0	0	0	13.55	17.28	
1962	130.73	52.4	38.42	4.07	0	0	0	0	0	0	7.69	0	28.15	
1963	188.14	39.68	53.43	18.65	0	0	0	0	0	0	0	12.28	44.1	
1964	131.88	20.47	37.55	39.19	7.37	0	0	0	0	0	2.9	12.98	11.23	
1965	183.01	58.52	55.07	37.19	15.47	0	0	0	0	0	0	9.93	6.63	
1966	224.42	90.06	30.18	32.26	15.74	0	0	0	0	0	0	23.62	32.56	
1967	183.25	29.47	53.68	51.13	0	0	0	0	0	0	0	41.03	7.94	
1968	193.47	46.99	61.28	31.91	2.11	0	0	0	0	0	0	17.65	33.49	
1969	215.52	83.25	42.94	36.08	0	0	0	0	0	0	2.31	35.99	14.95	
1970	140.98	26.98	41.43	24.26	13.73	0	0	0	0	0	0	35.38	39.2	
1971	187.4	99.02	27.2	40.79	1.88	0	0	0	0	0	0	11.46	7.04	
1972	158.28	51.48	34.96	22.84	4.32	0	0	0	0	0	0.62	25.6	18.56	
1973	124.33	23.91	35.69	34.01	1.91	0	0	0	0	0	0	12.71	16.1	
1974	96.13	23.47	23.66	19.44	1.94	0	0	0	0	0	0	6.97	11.65	
1975	172.92	19.18	45.74	48.45	25.08	0	0	0	0	0	0	5.97	31.19	
1976	226.82	91.15	40.94	21.41	5.26	0	0	0	0	0	0	45.24	22.83	
1977	152.16	51.14	11.18	5.56	4.25	0	0	0	0	0	0	29.81	50.21	
1978	156.63	119.65	14.87	8.52	0	0	0	0	0	0	0	5.8	7.79	
1979	87.18	22.54	20.8	9.78	19.82	0	0	0	0	0	1.45	9.32	3.47	
1980	124.37	22.35	55.39	32.87	0.8	0	0	0	0	0	0	2.78	13.88	
1981	197.26	71.49	40.58	56.82	0	0	0	0	0	0	9.76	8.52	10.08	
1982	212.82	117.03	38.6	20.69	17.34	0	0	0	0	0	0	10.16	7.98	
1983	88.53	13.06	11.92	24.02	6.56	0	0	0	0	0	0	9.75	23.21	
1984	129.3	52.66	29.67	33.73	0	0.69	0	0	0	0	0	0.6	10.75	
1985	284.32	102.85	62.48	29.35	9.1	0	0	0	0	0	0	5.43	55.11	
1986	154.31	58.96	43.45	34	0	0	0	0	0	0	0	9.58	8.32	
1987	114.46	57.59	10.44	22.64	1.24	0	0	0	0	0	0	10.24	12.01	
1988	149.62	17.14	72.14	33.36	0.39	0	0	0	0	0	2.82	5.46	18.29	
1989	145.13	19.95	41.73	4.9	7.09	0.48	0	0	0	0	0	40.11	30.85	
1990	85.69	14.3	54.42	1.8	1.8	0.28	0	0	0	0	0.2	2.35	10.54	
1991	147.98	45.54	58.96	10.28	0.35	0	0	0	0	0	0	9.98	27.96	
1992	154.62	59.11	20.2	19.77	8.29	0	0	0	0	0	24.09	12.33	10.63	
1993	129.42	25.99	63.08	20.92	4.63	0	0	0	0	0	0	5.02	9.78	
1994	161.24	89.77	27.45	21.14	13.47	0	0	0	0	0	0	2.76	6.65	
1995	142.15	47.39	47.39	9.87	11.36	0	0	0	0	0	0	28.18	18.16	
1996	120.5	25.25	20.98	26.48	2.68	0	0	0	0	0	0	28.27	14.84	
1997	144.67	66.28	16.22	20.24	3.07	0	0	0	0	0	10.67	20.38	8.01	
1998	91.46	25.01	0	58.4	0	0	0	0	0	0	0	1.6	6.25	
1999	139.28	82.21	6.01	30.48	0	0	0	0	0	0	0	13.52	6.66	
2000	186.5	60.68	26.86	3.82	2.84	0	0	0	0	0	0	31.55	60.74	
2001	112.47	54.85	15.7	28.27	3.45	0	0	0	0	0	0.14	0	10.06	
2002	123.34	36.77	34.39	14.71	6.72	0	0	0	0	0	0.07	14.11	14.57	
2003	171.7	69.48	38.13	34.53	7.99	0	0	0	0	0	1.73	8.37	11.57	
2004	157.46	93.37	16.21	20.92	0.14	0	0	0	0	0	0	2.34	24.48	
	154.54	52.09	35.91	25.92	5.56	0.03	0.00	0.00	0.00	0.00	1.26	14.83	18.91	Average 1960 - 2004
	145.51	51.08	33.50	23.22	5.39	0.05	0.00	0.00	0.00	0.00	1.38	12.97	18.02	Average1974 - 2002
	135.54	43.82	33.72	20.30	4.39	0.05	0.00	0.00	0.00	0.00	2.52	14.39	16.35	Average 1988 - 2002

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1974	277.75	80.86	44.13	92.5	55.99	68.62	5.54	0.69	0	0	0	11.87	14.55
1975	414.68	95.28	82.19	101.15	91.07	8.13	17.38	0.62	2.63	4.81	0.87	5.02	35.42
1976	579.32	29.15	193.11	113.72	50.65	31.68	4.99	51	26.41	13.17	11.92	57.66	8.66
1977	454.82	4.02	6.27	190.99	34.5	4.14	0.89	9.95	0.06	13.41	18.25	38.36	132.98
1978	322.37	8.25	6.43	112.85	127.37	17.75	3.85	0.18	0.03	1.49	8.95	3.49	21.93
1979	490.92	31.77	6.35	152.91	114.85	10.12	2.33	4.77	0.25	0	1.48	83.31	82.58
1980	263.36	10.71	4.41	95.06	52.5	18.47	14.2	2.66	1.59	0.43	26.33	3.79	32.21
1981	477.66	2.58	142.95	35.31	28.91	25.87	7.83	0.63	5.72	67.63	65.47	40.84	33.81
1982	465.96	40.29	5.41	176	51.82	6.03	12.2	0.53	2.17	2.03	8.38	60.36	100.74
1983	164.2	19.68	48.82	24.58	40.12	53.67	22.34	4.74	8.11	5.07	1.48	24.56	22.92
1984	421.88	4.13	91.9	72.23	37	21.7	38.81	4.65	0.86	32.65	1.24	49.69	67.86
1985	545.07	33.56	115.61	147.41	54.69	4.93	6.04	4.08	1.33	19.02	26.28	89.22	37.99
1986	525.05	54.54	22.43	109.58	35.1	17.02	19.55	5.01	3.52	116.58	71.57	12.23	57.52
1987	367.19	21.36	3.4	91.49	43.04	4.15	3.42	1.02	0.15	0.11	20.65	65.77	109.66
1988	307.61	14.41	36.55	79.66	19.55	5.86	0.5	0	0.2	0	32.61	79.15	38.92
1989	224.27	9.15	13.38	54.92	35.84	4.94	6.63	0.19	0	2.57	3.45	49.01	33.09
1990	572.24	107.58	66.53	53.41	36.65	22.47	3.66	18.27	9.48	26.22	90.31	54.94	69.72
1991	291.42	24.86	51.08	85.63	44.53	25.69	5.42	6.02	0.74	0	0.3	8.08	28.87
1992	599.05	39.94	71.52	59.41	84.81	7.92	2.67	44.88	49.61	58.81	34.51	111.24	36.58
1993	307.78	76.41	5.52	73.67	53.86	5.37	27.02	2.39	0.69	3.14	14.64	22.88	21.79
1994	292.65	21.81	52.95	102.58	36.79	23.08	16.05	9.18	1.32	0	0.28	2.8	23.43
1995	266.18	72.22	8.65	104.03	40.44	17.23	8.78	6.73	2.54	0	1.44	78.69	25.24
1996	663.25	61.47	55.48	33.63	78.14	48.52	33.02	11.1	4.69	180.24	45.43	45.42	93.1
1997	327.46	38.17	70.21	57.88	16.8	54.1	3.67	0.34	3.2	0.12	7.74	28.01	47.11
1998	182.85	63.79	25.1	62.19	14.97	5.31	0.8	0.69	0.86	0	0	3.39	6.75
1999	203.05	63.54	23.76	27.36	18.76	6.66	3.71	1.32	0	0	1.07	19.26	37.59
2000	329.27	27.25	54.2	13.7	61.51	34.96	41.52	36.9	12.11	17.59	8.71	13.65	27.18
2001	483.44	29.29	155.81	71.29	22.25	8.64	10.63	2.43	1.36	6.3	77.76	47.92	49.77
2002	253.47	34.33	67.28	43.48	49.84	31.77	13.79	2.07	0.13	0	0	0.58	10.19
2003	329.02	1.31	23.77	81.07	30.32	35.61	13.21	0.25	0.32	2.14	17.98	57.26	65.78
2004	237.62	13	17.7	109.17	6.71	44.47	0.22	1.7	2.78	0.13	0	2.51	28.23
	387.06	37.39	49.67	84.49	47.15	21.87	11.46	7.58	4.52	18.95	20.09	37.64	46.23	Average 1960 - 2004
	284.21	38.47	51.67	83.76	49.13	20.62	11.78	8.04	4.72	20.18	20.85	38.16	45.80	Average1974 - 2002
	360.99	47.89	53.53	61.57	39.76	20.23	12.17	9.50	5.60	20.60	21.23	37.47	34.42	Average 1988 - 2002

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1962	0.18	0.13	0.51	0.08	0.29	0.5	0.05	0.48	0.12	0.07	0.21	0.23	0.38	
1964	0.19	0.06	0.08	0.18	0.36	0.37	0.15	0.28	0.43		0.11	0.19	0.14	
1965	0.18	0.12	0.4	0.13	0.18	0.38	0.15	0.18	0.15		0.22	0.16	0.39	
1966	0.21	0.1	0.12	0.38	0.26	0.33	0.25	0.33	0.24	0.08	0.29	0.37	0.28	
1967	0.31	0.31	0.13	0.44	0.76	0.23	0.39	0.38	0	0	0.03	0.29	0.44	
1968	0.26	0.17	0.3	0.24	0.58	0.47	0.75	0.39	0			0	0.21	
1969	0.2	0.06	0.37	0.32	0.39	0.36	0.23	0.15				0.05	0.16	0.17
2000	0.15	0.18	0.06	0.55	0.17	0.21	0.1	0.07	0.1	0.05	0.24	0.22	0.2	
2001	0.2	0.27	0.11	0.31	0.48	0.41	0.32	0.78	0.88	0.16	0.12	0.24	0.17	
2002	0.26	0.3	0.26	0.35	0.21	0.26	0.25	0.03	0.08			0.08	0.1	
2003	0.11	0.08	0.11	0.07	0.18	0.13	0.04	0	0	0.05	0.04	0.13	0.16	
2004	0.11	0.27	0.17	0.13	0.24	0.07	0.05	0	0.02	0		0	0	
	0.21	0.19	0.21	0.27	0.35	0.34	0.25	0.22	0.16	0.08	0.15	0.17	0.24	Average 1960 - 2004
	0.22	0.19	0.22	0.29	0.37	0.37	0.28	0.26	0.18	0.09	0.16	0.19	0.27	Average1974 - 2002
	0.22	0.19	0.22	0.29	0.37	0.37	0.28	0.26	0.18	0.09	0.16	0.19	0.27	Average 1988 - 2002

Ri

Year	Year Ri	1	2	3	4	5	6	7	8	9	10	11	12	
1968	0.27	0.28	0.47	0.98	0.16	0.07	0.02	0	0	0	0.14	0.52	0.69	
1969	0.24	0.62	0.39	0.66	0.45	0.01	0.12	0.01	0	0.03	0.05	0.34	0.2	
1960	0.4	1.91	0.57	0.43	0.32	0.23	0.03	0.13	0.06	0.3	0.4	0.42	0.64	
1961	0.23	0.44	0.72	0.78	0.34	0.26	0.08	0.04	0.01	0	0	0.08	0.55	
1962	0.41	0.37	0.96	0.75	0.5	0.11	0.03	0.2	0.29	0.44	0.34	0.65	0.41	
1963	0.3	0.77	0.07	2.88	0.44	0.06	0.22	0.01	0.01	0.02	0.15	0.3	0.47	
1964	0.26	0.25	3.33	1.5	0.2	0.22	0.14	0.1	0.01	0	0	0.04	0.43	
1965	0.34	0.64	0.19	2.04	0.34	0.14	0.14	0.06	0.03	0	0.01	0.44	0.75	
1966	0.44	1	1.11	0.79	0.41	0.37	0.14	0.07	0.09	0.58	0.36	0.36	0.68	
1967	0.26	0.41	0.77	0.39	0.1	0.3	0.05	0	0.02	0	0.09	0.37	0.92	
1968	0.17	0.57	0.49	0.36	0.18	0.06	0.01	0.01	0.01	0	0	0.01	0.09	
1969	0.19	0.69	0.38	0.65	0.16	0.07	0.03	0.02	0	0	0.01	0.16	0.4	
2000	0.27	0.41	1.07	0.18	0.4	0.21	0.25	0.22	0.24	0.1	0.14	0.15	0.41	
2001	0.42	0.43	1.44	1.35	0.21	0.07	0.1	0.02	0	0.03	0.44	0.37	0.98	
2002	0.25	0.4	0.63	0.52	0.4	0.23	0.21	0.02	0.01	0	0	0.01	0.3	
2003	0.31	0.03	0.45	1.4	0.27	0.28	0.16	0	0.01	0.02	0.16	0.44	0.74	
2004	0.23	0.14	0.52	0.91	0.14	0.28	0	0.01	0.04	0	0	0.03	0.65	
	0.29	0.55	0.79	1.02	0.30	0.17	0.10	0.05	0.05	0.09	0.15	0.28	0.55	Average 1960 - 2004
	0.30	0.61	0.83	0.98	0.31	0.16	0.10	0.06	0.05	0.10	0.16	0.28	0.53	Average1974 - 2002
	0.30	0.61	0.83	0.98	0.31	0.16	0.10	0.06	0.05	0.10	0.16	0.28	0.53	Average 1988 - 2002

Varria Aste Greyed area derived from BRFG provisional streamflow data. Hydat data 1967 to 2002

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	645.68	74.21	68.9	33.33	69.54	84.37	67.89	22.41	39.83	22.19	52.92	81.81	27.26
1961	814.11	37.64	70.45	51.19	76.12	71.11	71.41	93.77	71.59	69	58.84	81.68	63.61
1962	785.56	88.47	33.6	14.27	57.42	50.64	86.82	36.62	58.67	72.1	159.11	51.19	65.05
1963	918.05	23.01	45.52	61.01	63.87	72.46	44.95	46.04	34.8	38.98	34.06	96.5	72.75
1964	1031.36	62.48	61.91	86.72	91.9	57.04	38.08	111.7	276.15	42.09	81.34	43.79	70.96
1965	972.75	104.83	68.1	49.58	76.39	62.21	25.82	77.21	84.76	87.31	125.52	105.07	105.97
1966	1034.36	58.07	59.26	95.15	72.51	61.88	103.57	34.95	114.89	90.75	58.87	138.3	136.16
1967	1036.27	45.95	35.56	32.63	87.81	67.65	139.61	55.14	106.69	84.23	118.58	136.52	92.9
1968	954.88	81.31	78.77	65.86	57.18	41.53	83.32	40.52	98.78	92.81	110.08	109.09	96.53
1969	905.47	112.47	39.24	54.46	101.6	108.72	66.01	96.85	17.42	33.03	92.12	111.84	71.71
1970	919	45.42	27.48	65.76	86.88	92.38	46.1	151.61	25.32	98.98	73.2	90.53	104.93
1971	799.98	68.32	101.46	64.19	38.06	35.11	48.08	75.15	113.24	68.29	33.11	65.68	109.29
1972	966.7	92.61	51.62	64.16	67.39	58.41	65.41	68.68	49.74	83.07	166.41	79.16	147.45
1973	915.9	51.32	52.16	138.16	52.05	113.53	88.82	28.86	51.75	37.34	81.25	144.75	75.91
1974	941.43	86.64	65.76	52.07	116.49	134.55	93.32	18.37	25.01	68.39	62.52	139.92	58.79
1975	1123.86	113.6	81.64	87.83	106.69	56.16	114.75	73.86	174.92	81.86	27.81	91.53	113.21
1976	1139.65	118.27	75.93	148.3	97.82	76.38	101.67	125.35	45.63	111.13	54.85	114.85	75.57
1977	902.72	36.52	63.01	61.94	57.77	9.37	75.37	41.78	151.06	145.29	60.59	127.65	71.78
1978	817.88	95.53	13.68	60.08	50.47	82.07	41.6	29.52	70.86	144.27	85.78	51.31	87.71
1979	958.32	62.66	23.21	81.15	122.02	60.77	43	92.64	34.5	20.28	184.58	146.03	76.48
1980	859.58	37.95	35.96	61.02	66.93	62.5	84.18	117.7	24.05	86.71	118.12	46.85	74.61
1981	989.61	31.01	86.22	58.91	67.05	79.93	76.4	47.44	126.9	133.39	147.95	73.09	50.32
1982	996.55	37.48	27.17	83.61	58.38	86.38	97.49	78.12	123.98	108	49.74	146.84	100.41
1983	941.75	47.76	66.62	42.67	92.05	143.5	60.43	44.82	122.14	107.66	63.26	92.26	108.38
1984	1007.51	42.85	53.18	81.42	49.39	92.24	84.17	50.11	135.31	117.4	53.72	141.22	107.3
1985	1129.94	103.7	147.95	99.08	62.49	85.84	71.84	79.26	168.23	94.54	110.25	123.72	83.26
1986	1129.71	36.43	32.05	46.08	68.82	71.72	119.46	84.4	144.53	314.36	104.31	37.87	71.97
1987	912.37	45.7	20.87	54.4	49.1	47.66	45.14	100.12	83.62	95.37	126.66	138.83	95.1
1988	1030.28	49.71	60.28	49.19	67.58	61.94	10.21	57.81	92.39	110.01	215.5	130.34	88.32
1989	869.16	58.06	40.07	33.65	53.55	118.43	59.23	12.91	77.14	101.72	82.82	152.27	78.31
1990	1224.94	61.36	56.65	54	72.57	102.35	80.21	143.93	80	142.18	160.21	123.13	148.45
1991	1031.5	58.49	63.71	113.35	113.11	71.31	33.01	113.17	84.12	66.58	134.25	87.9	84.5
1992	1158.62	98.65	40.2	51.19	139.39	67.8	71.14	154.12	99.14	136.96	70.42	147.13	80.51
1993	941.38	137.41	44.29	25.11	80.23	54.07	128.69	77.51	62.58	104.94	66.68	65.95	43.53
1994	858.42	100.35	15.76	50.67	104.94	76.53	117.02	74.93	49.36	58.37	81.06	75.72	51.71
1995	890.43	90.27	30.38	44.56	94.04	76	68.19	70.16	52.15	39.27	104.74	173.2	38.37
1996	1288.1	59.64	60.1	25.6	132.34	102.55	162.47	80.03	41.95	356.79	67.43	112.03	87.17
1997	951.98	98	91.88	73.8	38.47	122.7	52.35	99.75	107.6	75.02	122.06	66.5	27.65
1998	748.71	109.69	32.5	110.37	37.51	40.63	26.09	76.74	99	24.36	50.67	76.95	62.2
1999	762.2	115.42	53.99	10.58	58.36	68.83	53.3	47.96	53.73	86.75	67.18	75.34	65.86
2000	1203.1	53.76	64.55	46.22	73.47	143.17	189.65	245.44	30.99	171.82	30.91	57.3	104.82
2001	883.29	58.92	105.23	25.75	50.34	62.33	67.21	18.67	61.43	148.42	141.02	98	45.97
2002	822.98	63.08	42.08	54.74	88.91	113.1	63.15	87.3	15.9	60.08	54.5	90.77	47.47
2003	969.5	61.13	88.13	62.65	79.04	109.96	82.62	59.67	45.25	137.62	100.02	114.99	68.72
2004	943.28	119.76	28.88	94.41	85.21	156.97	63.1	123.4	42.61	37.58	70.57	75.24	68.27
	951.62	72.12	54.10	62.13	75.84	80.38	75.56	77.24	81.78	99.79	90.65	100.27	81.73	Average 1960 - 2004
	972.66	74.09	53.84	63.28	76.45	83.11	77.84	80.28	79.84	107.06	93.81	103.03	81.74	Average1967 - 2004
	973.64	73.18	54.68	62.99	77.38	80.34	78.21	79.77	80.88	108.14	93.23	103.48	81.36	Average 1967 - 2002

Distributed Snowfall cum

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	240.47	65.43	59.46	38.36	6.37	0	0	0	0	0	8.86	26.27	37.72
1961	173.28	60.91	11.6	18.28	17.57	1.52	0	0	0	0	0	23.86	38.54
1962	216.21	66.87	44.09	4.56	0	0	0	0	0	0	30.01	0	70.58
1963	252.71	47.29	63.58	15.01	0	0	0	0	0	0	0	18.15	108.68
1964	191.82	31.38	44.66	42.18	7.46	0	0	0	0	0	31.07	20.81	14.25
1965	217.44	88.2	44.06	39.67	18.56	0	0	0	0	0	0	11.14	15.91
1966	276.83	96.7	32.46	31.3	15.27	0	0	0	0	0	3.1	18.88	79.02
1967	223.98	50.55	50.53	39.22	0	0	0	0	0	0	0	66.76	16.93
1968	231.4	45.21	17.77	27.2	1.12	0	0	0	0	0	1.52	14.94	73.54
1969	320.68	118.33	50.67	35.23	0	0	0	0	0	0	9.05	58.06	49.34
1970	250.06	66.75	45.03	34.62	11.77	0	0	0	0	0	0	41.35	91.54
1971	280.66	113.59	52.18	50.54	4.58	0	0	0	0	0	0	27	32.76
1972	311.33	84.68	72.65	22.51	14.15	0	0	0	0	0	13.46	32.22	71.26
1973	175.93	29.65	45.22	21.6	0.99	0	0	0	0	0	0	27.83	50.64
1974	142.47	41.55	44.71	24.36	3.34	0.31	0	0	0	0	3.91	13.14	12.43
1975	234.5	45.18	47	38.1	30.09	0	0	0	0	0	0	8.32	64.8
1976	414.4	146.05	41.65	43.43	6.09	0.54	0	0	0	0	2.62	69.45	102.77
1977	276.85	80.87	44.16	19.54	9	0	0	0	0	0	0	37.69	81.8
1978	236.37	154.92	26.63	6.66	0.45	0	0	0	0	0	0	7.67	41.84
1979	177.04	96.54	19.64	14.82	16.19	0	0	0	0	0	1.15	12.53	16.2
1980	181.97	28.96	58.12	26.74	2.44	0	0	0	0	0	0.4	6.87	45.44
1981	203.48	46.48	34.75	35.5	0.11	0	0	0	0	0	9.25	6.35	52.05
1982	236.3	104.24	43.62	30.13	13.9	0	0	0	0	0	0.31	9.98	25.92
1983	212.68	41.08	11.66	18.87	5.95	0	0	0	0	0	0	23.57	111.55
1984	185.37	66.98	34.31	45.37	0.31	4.69	0	0	0	0	0	7.64	35.87
1985	362.18	145.09	99.71	22.58	11.81	0	0	0	0	0	0	5.87	67.34
1986	153.97	43.1	13.77	24	5.55	0	0	0	0	0	0	19.45	27.9
1987	177.52	52.82	18.88	17.64	6.5	0	0	0	0	0	4.21	44.61	32.57
1988	221.79	32.12	76.53	23.19	2.85	0	0	0	0	0	6.67	7.11	73.12
1989	264.74	27.8	55.91	8.91	13.62	4.68	0	0	0	0	0	47.41	106.11
1990	146.59	24.05	25.52	5.35	4.51	4.33	0	0	0	0	1.61	8.33	72.89
1991	238.26	75.26	69.63	9.76	1.98	0	0	0	0	0	0	17.4	64.22
1992	196.79	76.45	17.4	34.04	2.58	0	0	0	0	0	10.75	16.38	38.98
1993	146.24	41.8	72.51	27.52	4.08	0	0	0	0	0	0	11.35	28.97
1994	220.7	126.98	34.49	21.79	8.66	0	0	0	0	0	0	9.07	17.71
1995	249.46	58.33	82.11	10.41	8.74	0	0	0	0	0	0	40.51	49.36
1996	195.16	29.65	23.05	29.91	4.77	0	0	0	0	0	0	68.41	39.37
1997	225.48	101.03	15.99	19.87	2.53	0	0	0	0	0	38.9	26.99	21.16
1998	121.97	43.17	0	55.19	0	0	0	0	0	0	0	1.75	21.86
1999	216.87	146.82	8.23	36.12	0	0	0	0	0	0	0	8.07	17.63
2000	251.07	54.11	80.06	12.87	6.98	0	0	0	0	0	0	15.31	131.65
2001	138.24	60.51	23.35	22.07	5.07	0	0	0	0	0	0.63	0	26.61
2002	189.49	46.35	36.35	23.8	7.26	0	0	0	0	0	0.23	37.02	38.48
2003	244.98	101.17	51.65	36.64	7.63	0	0	0	0	0	7.27	9.4	30.82
2004	260.46	185.4	11.76	24.08	0.31	0	0	0	0	0	0	3.82	64.88
	228.07	74.07	41.06	26.50	6.40	0.37	0.00	0.00	0.00	0.00	3.60	22.86	53.62	Average 1960 - 2004
	228.80	75.49	40.73	26.40	5.92	0.40	0.00	0.00	0.00	0.00	2.92	23.40	53.34	Average1967 - 2004
	226.64	71.93	41.23	26.17	6.02	0.42	0.00	0.00	0.00	0.00	2.88	24.34	53.65	Average 1967 - 2002

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1978	0.27	0.72	0.66	0.2	0.18	0.49	0.5	0.71	0.57	0.1	0.22	0.4	0.44		
1979	0.29	0.38	0.65	0.26	0.34	0.58	0.49	0.26	0.65	0.88	0.21	0.19	0.26		
1980	0.31	0.62	0.91	0.13	0.42	0.48	0.5	0.3	0.31	0.39	0.3	0.75	0.18		
1981	0.25	0.77	0.07	0.41	0.46	0.28	0.53	0.41	0.37	0.17	0.22	0.41	0.53		
1982	0.36	0.41	0.93	0.16	0.37	0.68	0.38	0.71	0.34	0.15	0.7	0.2	0.24		
1983	0.39	0.67	0.32	0.58	0.47	0.32	0.42	0.23	0.19	0.1	0.54	0.42	0.36		
1984	0.27	0.96	0.14	0.32	0.53	0.49	0.33	0.52	0.4	0.25	0.57	0.2	0.23		
1985	0.3	0.33	0.07	0.27	0.3	0.55	0.29	0.29	0.15	0.26	0.21	0.3	0.56		
1986	0.25	0.3	0.76	0.17	0.6	0.31	0.36	0.32	0.11	0.1	0.31	0.53	0.44		
1987	0.28	0.56	0.96	0.23	0.37	0.7	0.52	0.13	0.35	0.42	0.16	0.13	0.28		
1988	0.26	0.31	0.39	0.18	0.53	0.46	0.54	0.65	0.48	0.4	0.15	0.29	0.22		
1989	0.32	0.34	0.43	0.19	0.42	0.68	0.38	0.62	0.53	0.61	0.66	0.17	0.6		
1990	0.26	0.15	0.37	0.27	0.5	0.25	0.53	0.11	0.45	0.21	0.19	0.23	0.39		
1991	0.29	0.62	0.26	0.23	0.34	0.46	0.55	0.14	0.26	0.77	0.22	0.19	0.25		
1992	0.28	0.37	0.27	0.23	0.26	0.38	0.32	0.18	0.24	0.28	0.31	0.2	0.38		
1993	0.26	0.17	0.7	0.11	0.31	0.66	0.15	0.58	0.77	0.16	0.25	0.51	0.42		
1994	0.27	0.24	0.18	0.18	0.37	0.51	0.4	0.23	0.52	0.32	0.24	0.28	0.33		
1995	0.25	0.2	0.82	0.16	0.29	0.42	0.2	0.53	0.34	0.79	0.4	0.19	0.42		
1996	0.27	0.13	0.27	0.51	0.31	0.27	0.41	0.51	0.7	0.06	0.31	0.36	0.32		
1997	0.3	0.23	0.16	0.38	0.65	0.28	0.53	0.34	0.19	0.41	0.31	0.31	0.53		
1998	0.34	0.22	0.34	0.32	0.4	0.53	0.65	0.78	0.7	0.97	0.72	0.6	0.52		
1999	0.33	0.14	0.33	0.43	0.52	0.43	0.5	0.41	0.53	0.63	0.52	0.29	0.27		
2000	0.22	0.23	0.08	0.54	0.34	0.15	0.13	0.15	0.23	0.19	0.67	0.22	0.34		
2001	0.28	0.54	0.12	0.3	0.38	0.51	0.51	0.58	0.41	0.08	0.19	0.45	0.32		
2002	0.33	0.38	0.26	0.39	0.34	0.37	0.42	0.16	0.42	0.79	0.6	0.4	0.25		
2003	0.3	0.63	0.36	0.18	0.45	0.39	0.53	0.46	0.26	0.13	0.27	0.3	0.39		
2004	0.29	0.63	0.49	0.18	0.56	0.24	0.44	0.52	0.49	0.46	0.32	0.32	0.01		
	0.28	0.41	0.42	0.26	0.40	0.44	0.44	0.42	0.42	0.41	0.39	0.32	0.36	Average 1960 - 2004	
	0.28	0.41	0.42	0.26	0.40	0.44	0.44	0.42	0.42	0.41	0.39	0.32	0.36	Average1967 - 2004	
	0.28	0.40	0.42	0.27	0.39	0.45	0.43	0.41	0.42	0.42	0.40	0.32	0.37	Average 1967 - 2002	

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12

1967	423.13	58.69	10.16	95.29	65.42	9.9	5.99	3.39	11.03	1.47	35.07	72.6	55.92		
1968	261.57	8.66	102.42	77.47	12.03	3.04	2.52	0.68	6.02	0.61	8.21	28.61	31.28		
1969	268.84	31.35	19.82	87.25	66.14	36.07	3.78	0.54	0.18	0.14	0.98	15.98	6.61		
1970	199.55	3.18	10.71	46.88	82.35	10.66	1.44	3.67	2.58	1.17	2.27	13.78	20.66		
1971	192.37	6.44	21.8	77.28	58.91	2.68	3.36	0.87	1.65	0.79	0.26	0.64	16.69		
1972	237.29	20.71	1.38	71.74	57.49	4.88	1.65	2.93	5.2	0.08	10.43	10.8	55.1		
1973	269.27	71.1	13.9	92.48	14.74	21.99	3.95	1.02	0.37	0.08	0.41	20.86	29.37		
1974	284.05	61.33	16.33	66.2	57.5	50.84	6.54	1.46	0.16	0.32	0.55	14.45	4.07		
1975	321.62	60.87	35.45	75.23	88.73	1.92	7.49	0.92	2.23	5.25	0.63	6.18	22.72		
1976	309.13	17.41	103.09	110.84	30.21	20.3	1.19	5.83	0.68	2.25	1.33	21.77	3.24		
1977	302.8	0.28	2.72	179.43	11.9	1.64	1.84	0.3	0.9	9.23	21.03	28.57	44.8		
1978	243.15	4.07	0.91	36.41	134.76	8.52	3.09	0.27	0.23	11.35	22.57	7.39	14.38		
1979	243.62	18.02	2.77	122.45	88.18	6.28	1.79	3.44	0.24	0.04	7.61	54.36	57.44		
1980	213.67	6.11	0.39	97.5	42.92	10.79	4.26	4.11	2.77	1.67	12.4	2.51	27.84		
1981	243.84	0.68	148.57	27.54	17.19	26.06	2.93	1.43	1.07	20.85	58.79	20.74	13.98		
1982	244.73	12.29	0.31	119.51	54.93	9.07	9.78	1.15	2.95	7.17	1.4	45.7	83.26		
1983	200.81	7.87	36.41	10.08	19.98	37.27	8.98	3.55	12.12	13.8	5.93	15.51	31.3		
1984	285.63	0.36	104.98	40.91	15.17	7.09	10.44	1.14	0.92	5.84	1.61	41.93	53.24		
1985	430.69	17.13	87.91	126.58	58.4	4.17	10.26	6.33	8.41	16.43	23.64	49.21	13.84		
1986	459.75	33.22	4	126.57	9.71	13.52	8.06	3.57	12.4	147.7	59.73	8.72	23.55		
1987	244.79	9.16	0.25	76.65	29.67	1.54	1.11	5.51	0.58	0.42	3.8	49.08	67.02		
1988	282.17	15.74	17.91	94.79	11.73	6.38	0.65	0.17	0.34	0.54	35.44	54.24	44.24		
1989	142.58	26.28	9.79	57.58	25.57	2.58	4.47	0.24	0.27	0.19	0.24	12.96	2.42		
1990	413.25	85.74	30.56	42.77	13.74	14.83	2.24	22.73	1.68	9.39	71.44	62.74	55.39		
1991	298.31	11.23	41.29	108.46	51.64	7.16	1.53	7.27	3.23	0.18	4.99	19.44	41.79		
1992	452.85	36.1	29.08	92.26	62.06	13.47	4.65	18.68	19.34	27.19	18.37	99.87	31.78		
1993	288.96	87.99	3.32	61.28	56.2	3.67	26.99	1.53	0.29	8.03	18.7	7.87	14.99		
1994	285.33	17.51	49.43	95.59	40.96	11.53	4.72	9.44	1.67	1.53	6.9	19.47	27.58		
1995	344.48	57.03	1.96	101.92	31.77	15.1	25.31	2.84	4.27	0.24	2.02	80.59	21.41		
1996	480.26	66.93	25.68	16.07	60.18	47.05	15.36	3.15	0.57	94.81	29.31	43.07	68.18		
1997	352.79	80.11	106.18	53.65	8.33	45.28	5.1	5.96	11.25	5.36	13.31	27.94	15.41		
1998	158.09	62.06	24	54.58	9.71	4.43	0.8	0.2	0.27	0.02	0.29	0.75	1.98		
1999	101.35	23.24	26.2	12.7	7.94	5.46	1.27	0.78	0.28	0.18	0.47	4.12	18.71		
2000	273.54	22.9	40.14	9.62	17.26	71.15	56.91	44.68	18.01	26.56	3.91	35.49	35.91		
2001	358.65	14.11	108.36	57.69	30.41	5.5	4.94	0.95	0.88	12.25	68.71	19.61	35.82		
2002	212.5	23.81	58.79	34.78	30.03	20.43	8.53	7.96	1.94	0.16	0.48	3.53	24.56		
2003	352.56	5.45	21.21	74.98	21.82	38.81	8.99	5.77	10.51	11.67	36.92	56.53	59.88		
2004	354.72	17.08	19.24	149.02	11.2	52.71	11.76	5.87	3.54	2.1	3.53	15.71	62.86		
	301.72	28.43	35.53	76.15	39.13	17.34	7.49	5.02	3.84	11.75	15.63	28.75	32.65	Average 1960 - 2004	
	301.72	28.43	35.53	76.15	39.13	17.34	7.49	5.02	3.84	11.75	15.63	28.75	32.65	Average1967 - 2004	
	298.83	29.38	36.38	74.16	40.39	16.76	7.33	4.97	3.67	12.03	15.38	28.34	31.05	Average 1967 - 2002	

Ri

Year	Year Ri	1	2	3	4	5	6	7	8	9	10	11	12

1967	0.42	1.23	0.29	2.92	0.75	0.15	0.04	0.06	0.1	0.02	0.3	0.53	0.6		
1968	0.29	0.11	1.3	1.17	0.21	0.07	0.03	0.02	0.06	0.01	0.07	0.26	0.32		
1969	0.3	0.28	0.51	1.6	0.65	0.33	0.06	0.01	0.01	0	0.01	0.14	0.09		
1970	0.22	0.07	0.39	0.71	0.95	0.12	0.03	0.03	0.07	0.01	0.03	0.15	0.2		
1971	0.24	0.09	0.21	1.75	1.57	0.08	0.07	0.01	0.01	0.01	0.01	0.01	0.15		
1972	0.24	0.22	0.02	1.11	0.65	0.08	0.03	0.04	0	0	0.06	0.14	0.37		
1973	0.29	1.28	0.27	0.67	0.28	0.19	0.04	0.04	0.01	0	0.01	0.14	0.37		
1974	0.3	0.71	0.25	1.06	0.49	0.42	0.07	0.04	0.01	0	0.01	0.11	0.07		
1975	0.29	0.54	0.43	0.66	0.82	0.11	0.07	0.01	0.01	0.06	0.02	0.07	0.29		
1976	0.29	0.15	1.43	0.84	0.31	0.27	0.01	0.05	0.01	0.02	0.02	0.19	0.04		
1977	0.34	0.01	0.04	2.9	0.21	0.18	0.02	0.01	0.01	0.06	0.35	0.22	0.62		
1978	0.3	0.04	0.07	0.58	2.67	0.1	0.07	0.01	0	0.08	0.28	0.14	0.15		
1979	0.36	0.29	0.12	1.51	0.57	0.1	0.04	0.04	0.01	0	0.04	0.37	0.75		
1980	0.25	0.14	0.01	1.6	0.45	0.17	0.05	0.03	0.12	0.02	0.11	0.05	0.27		
1981	0.34	0.02	1.72	0.46	0.26	0.36	0.04	0.02	0.01	0.16	0.4	0.26	0.28		
1982	0.35	0.21	0.01	1.88	0.97	0.07	0.1	0.01	0.02	0.07	0.04	0.31	0.83		
1983	0.21	0.16	1.39	0.24	0.22	0.26	0.16	0.08	0.1	0.13	0.08	0.17	0.29		
1984	0.28	0.01	1.96	0.49	0.31	0.08	0.12	0.02	0.01	0.05	0.03	0.3	0.51		
1985	0.35	0.17	0.66	1.28	0.92	0.05	0.14	0.08	0.05	0.17	0.21	0.39	0.17		
1986	0.4	0.91	0.12	2.75	0.15	0.19	0.07	0.04	0.09	0.47	0.57	0.23	0.33		
1987	0.27	0.2	0.01	1.41	0.4	0.03	0.02	0.06	0.01	0	0.03	0.35	0.7		
1988	0.28	0.32	0.3	1.93	0.17	0.1	0.06	0	0	0	0.16	0.42	0.5		
1989	0.16	0.45	0.24	1.71	0.48	0.03	0.08	0.02	0	0	0	0.09	0.03		
1990	0.34	1.4	0.54	0.79	0.19	0.14	0.03	0.16	0.02	0.07	0.45	0.51	0.17		
1991	0.3	0.19	0.66	0.98	0.46	0.1	0.01	0.07	0.04	0	0.04	0.22	0.65		
1992	0.39	0.37	0.72	1.8	0.45	0.2	0.07	0.12	0.2	0.2	0.26	0.68	0.39		
1993	0.31	0.64	0.07	2.44	0.69	0.07	0.21	0.02	0	0.06	0.28	0.12	0.34		
1994	0.33	0.17	2.88	1.89	0.38	0.15	0.04	0.13	0.03	0.03	0.09	0.26	0.53		
1995	0.39	0.57	0.07	2.29	0.34	0.2	0.37	0.04	0.08	0.01	0.02	0.47	0.56		
1996	0.37	1.12	0.58	0.63	0.45	0.46	0.09	0.04	0.01	0.27	0.43	0.36	0.78		
1997	0.37	0.61	1.16	0.73	0.02	0.34	0.1	0.09	0.1	0.07	0.1	0.42	0.41		
1998	0.21	0.57	0.74	0.49	0.23	0.11	0.03	0	0	0	0.01	0.01	0.03		
1999	0.13	0.2	0.49	0.38	0.13	0.08	0.02	0.02	0.01	0	0.01	0.06	0.28		
2000	0.31	0.43	0.74	0.21	0.23	0.5	0.3	0.18	0.08	0.15	0.12	0.62	0.26		
2001	0.41	0.24	1.03	2.25	0.61	0.09	0.07	0.05	0.01	0.08	0.49	0.2	0.79		
2002	0.26	0.38	0.68	0.64	0.34	0.18	0.14	0.09	0.12	0	0.01	0.04	0.61		
2003	0.36	0.09	0.44	1.76	0.28	0.35	0.11	0.1	0.23	0.08	0.37	0.49	0.67		
2004	0.38	0.14	0.67	1.58	0.28	0.34	0.19	0.05	0.08	0.06	0.05	0.21	0.71		
	0.31	0.39	0.61	1.32	0.53	0.18	0.09	0.05	0.06	0.06	0.15	0.26	0.43	Average 1960 - 2004	
	0.31	0.39	0.61	1.32	0.53	0.18	0.09	0.05	0.06	0.06	0.15	0.26	0.43	Average1967 - 2004	
	0.30	0.41	0.61	1.30	0.54	0.17	0.08	0.05	0.05	0.06	0.14	0.25	0.39	Average 1967 - 2002	

Station Name Note Cmpnd area derived from BRFU provisional dm-mydat data 1980 to 1995.

Distributed Precipitation (mm)

Year	Yr/Total	1	2	3	4	5	6	7	8	9	10	11	12

	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	Average 1960 - 2004	
	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	Average1967 - 2004	
	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	Average 1967 - 1997	

Distributed Sewerfall (cm)

Year	Yr/Total	1	2	3	4	5	6	7	8	9	10	11	12

Runoff Year	Year RP 1	2	3	4	5	6	7	8	9	10	11	12	
1981													
1982													
1983													
1984													
1985													
1986													
1987													
1988													
1989													
1990													
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average 1982 - 2004
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average1982 - 2004
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average 1982 - 1997

Rainfall Year	Year RP 1	2	3	4	5	6	7	8	9	10	11	12	
1982													
1983													
1984													
1985													
1986													
1987													
1988													
1989													
1990													
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average 1982 - 2004
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average1982 - 2004
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average 1982 - 1997

Year	Year RP 1	2	3	4	5	6	7	8	9	10	11	12	
1982													
1983													
1984													
1985													
1986													
1987													
1988													
1989													
1990													
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average 1982 - 2004
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average1982 - 2004
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average 1982 - 1997

Harrison Note:Greyed area derived from BRFU provisional streamflow data. Hydat data 1962 to 1997

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	881.5	64.6	101.9	62	101.7	130.1	104.7	26.2	32.4	23.9	66.7	117.3	50	
1961	906.4	28.6	41.6	88.2	70.7	76.4	114.4	73.9	123.5	32.6	66.4	81.2	95.7	
1962	679.6	61	61.2	13.6	46.7	26.9	76.3	52.7	35.7	80.5	103.1	27.5	93.4	
1963	735.5	20.5	20.6	66.4	45.1	81.5	92	75.9	65.1	45.5	29.7	155	73.2	
1964	1033.1	73.1	51.4	91	75.2	87.1	35	107.3	228.7	61.7	61.6	46.9	84.1	
1965	1001.5	76.1	76.3	41	69.5	54.3	22.9	79.6	92.7	154.3	110.3	97.7	123.8	
1966	888.9	31.9	54	111	65.6	73.8	57.6	5.1	90.3	86.7	57.5	136.1	117.3	
1967	1020.5	64.4	43.9	37	101.1	41.3	185.6	49.4	87.5	65.7	155.5	132.1	106	
1968	1143.7	79.9	111.6	64.4	58.1	70.9	98.5	61.3	176.6	105	76.7	117.8	122.5	
1969	1041.5	104.5	26.6	51.1	93.8	142.3	108.8	81.6	16	37.6	184.8	146	48.4	
1970	860.9	33.1	32.3	73.5	64	58.2	47.6	212.5	32.1	108.3	103.1	57.8	70.4	
1971	770.3	68.8	95.1	64.6	35.5	21.7	98.8	86.8	75.1	34.8	37.4	58	103.7	
1972	921.8	81.9	56.4	49.8	35.9	60.4	138.5	43.5	80.5	62.9	112.5	77.9	121.9	
1973	834.1	52.7	33.2	107.4	41.4	108.9	68	61.6	45.7	42.8	86.1	114.6	71.5	
1974	887.8	81	60.5	68.5	97.3	138.3	71.9	45.8	42.6	56.8	60	123.5	36.5	
1975	1224.2	95	95.9	69.1	93.6	155.6	93.2	88.5	240.1	95.6	58	90.6	134.1	
1976	960.8	63.3	52.8	117.6	79.3	90.1	84.2	95.2	75.9	111.6	64.7	83.6	42.3	
1977	962.1	27.6	43.8	82	38.7	24.6	58.6	56.7	255.9	143.1	74.4	102.6	53.9	
1978	831.7	77.3	5.6	52.6	39.6	75.4	79.5	27.6	63.2	137.9	75.9	65.7	112.4	
1979	880.9	51.8	26	88.2	125.7	66.7	49.9	67.4	65.6	31.9	115.4	111.9	65.4	
1980	916	45.3	52.8	76.1	109.6	54.8	80.1	91.5	44.7	120.5	103.3	56.7	77.7	
1981	924.9	21	51.4	53.5	64.6	60	74.7	51	181	96.8	174.3	61.2	35.4	
1982	855.7	38.6	17.7	75.1	61.6	93	92.5	67	101	85.4	47.4	136.5	79.7	
1983	965.2	43.3	36.7	48.3	93.6	147.4	24.8	48.9	96.4	130.2	93.7	83.5	128	
1984	853.2	38.3	48.2	57.1	34	66.7	149	33.7	68.5	97.2	50	98.6	92.9	
1985	1159.7	58	125	116.5	64.2	111.9	49.5	60.4	138.9	61.8	336.9	132.5	60	
1986	1072.8	37.5	66.1	98.7	73.1	66.1	129.1	80.2	76.2	224.4	99.5	51.5	68.2	
1987	920.7	62	20.3	62.4	36.1	36.7	98.5	150.5	100.9	60.6	83.9	136.5	72.3	
1988	961.7	52	56.6	39.5	56	82.7	23.9	186.4	75	89.7	114.5	111.9	73.5	
1989	817.3	51.2	41.9	43.8	41.2	104.2	91	1.9	94.8	92	78.9	127.5	64.9	
1990	1045.1	72.8	68.5	51.7	32	101.3	109.9	85.1	40	111.7	136.8	126.1	106.2	
1991	1020.8	28.6	61.3	94.3	107.2	108.1	70.6	110.7	84	91.2	102.8	90.9	70.3	
1992	1003.4	71	29	40.2	111.6	72.9	63.5	141.2	118.3	122.6	51.3	144.5	37.3	
1993	930.5	84.9	17	18.3	75.4	51.8	136.2	70.2	66.3	107.4	67.8	96.9	40.3	
1994	919.4	37	8.2	35.3	84.5	101.7	59.7	100.7	95.9	100	53.9	87.1	55.4	
1995	1121.6	71.7	40.3	52.2	112.9	79.5	139.2	100.8	80.2	54.8	147.1	213.9	31.1	
1996	1049.9	89.9	76.3	44.1	98.9	105.7	80.4	74.9	64.1	129.1	77.8	101.4	103.3	
1997	911.3	119.2	93.1	103.3	21.3	84.3	55.9	77.6	118	74.1	96.6	36	31.9	
1998	615.4	75.8	18.6	107	33.3	31.2	39.7	23.2	88.3	34.8	31.7	53.3	78.5	
1999	771.6	73	50.9	44	56.9	44.3	80.5	46.9	68.6	80	59.4	96.5	50.6	
2000	1160	38.8	44.2	32.4	60.6	204.5	202.6	65.7	48.7	123.1	24.9	196.6	108.9	
2001	1155.3	36.1	121.3	37.6	44.2	111.6	98.2	11.7	134.5	126.6	175.5	109.2	113.8	
2002	843.7	47	88.8	58.8	92.5	93.9	65.2	85.1	47.2	76.7	68.8	63.6	56.1	
2003	960	54.4	73.3	62.3	39.3	121.7	64.2	91.6	80.7	115.5	102.2	118	69.8	
2004	932.4	74	21.9	114.4	52.2	102.7	79.1	103.1	46.2	23.1	80.6	106.1	61	
	924.92	59.06	52.80	66.18	67.26	85.48	84.53	75.08	91.13	88.37	85.21	101.71	78.12	Average 1962 - 2004
	946.64	58.70	52.52	62.48	64.50	94.83	87.91	79.88	83.82	96.50	84.21	108.85	73.30	Average1962 - 2004
	904.86	59.44	49.33	61.30	69.04	88.95	85.73	86.89	88.98	102.04	86.79	110.52	70.46	Average 1962 - 1997

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	316.2	49.2	84.1	72.7	10.4						7.3	25.7	66.8	
1961	229.3	45	12.6	43.4	19.6	17						26.5	68.2	
1962	261.9	68.1	68.7	10.5	3.6						25.2	11.8	94	
1963	270.4	45.4	34.7	21.7	7.2	2.5						52.7	106	
1964	253.8	25.4	41.5	46.3	6.1						11.7	25	47.8	
1965	219.3	60.1	46	35.9	26.8						3	15.2	32.3	
1966	257	53.7	21	40.4	14.7							47	80.2	
1967	282.6	70.8	46.4	44.2	9.8							63.2	48.2	
1968	287.1	78.5	107.8	52.8	3.5							35.3	119.1	
1969	267.7	125	34.3	40.6							46.4	64.4	47	
1970	261.6	47.2	47.5	48.3	26.4							26.7	64.3	
1971	287.1	116.7	25.4	68.6	9.1							28.2	39.1	
1972	289.5	96.2	78.4	17.2	15.2						5.3	34	43.2	
1973	152.9	36.4	28.1	18.1	3.2							10.1	56.9	
1974	164.9	38.3	42	23.8								33.9	26.9	
1975	296.2	58	53.5	35.1	47.2							13.9	92.5	
1976	314.3	84.3	45.9	42.9	12.6							47.1	61.6	
1977	189.3	64.7	24	22.2								23.1	66.3	
1978	254.5	120.5	15.3	13.5	4.1							5.7	95.4	
1979	198.9	64.5	31.8	15.4	30.4							20.5	17.3	
1980	271.2	55.4	72.6	32.6								20.9	89.5	
1981	184.7	48.5	34.5	29.9							46.8	8.4	26.5	
1982	196.5	47.3	42.8	25.5	16.5							9.3	32.1	
1983	236.1	21.2	10.1	27.4	1.9							26.3	149.3	
1984	147.7	51.8	24.1	40.9									30.9	
1985	353.7	71.9	105.6	43	12.6							4.4	116.2	
1986	209.6	36.7	47.3	30	10.8							47.2	37.6	
1987	174.3	71.7	14.1	22.7	11.1							36.5	16.2	
1988	176.2	39.1	68.3	8.3	3.6						8	3	45.9	
1989	251.5	20.7	54.6	20.1	16.5						10.6	50.7	78.3	
1990	124.4	33.6	40.1									15.6	35.1	
1991	208	44.9	60.6	16.9								20.4	65.2	
1992	155.9	75.7	20.6	22.4							4	12	21.2	
1993	145	47	28	25	2						3.8	18.2	24	
1994	124.8	41	16	23	1							14	29.8	
1995	311.7	47	66.9	19	9							123.8	46	
1996	260.7	60.4	38.9	56.5	16.2							58.9	47.8	
1997	298.7	129.9	11.1	88.4							39.6	12.6	15.9	
1998	138.4	28.5		60.7								5.8	43.4	
1999	253.3	116.3	11.6	49	14.1							38.8	23.5	
2000	275.4	31.2	49.4	6.5	12.2							122.1	160	
2001	224	32.5	51.2	28.6	9.3						10	3.3	92.1	
2002	245.2	50.6	47.8	33.6	21.6						8.3	29.1	54.1	
2003	284.7	105.2	76.4	43.1	2.8						3.3	16.9	37	
2004	230.2	115.1	12.1	25.5								23.2	54.3	
	241.05	62.48	42.04	32.90	9.14	0.43					5.19	30.05	58.82	Average 1962 - 2004
	223.74	58.23	38.94	30.87	7.00						3.82	30.18	54.68	Average1962 - 2004
	212.18	53.74	40.63	29.13	6.51						4.14	28.43	49.59	Average 1962 - 1997

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1962	495.25	13.14	4.69	77.54	163.78	9.68	22.06	4.86	4.07	6.23	6.58	66.5	118.92	
1963	317.26	23.43	31.97	49.12	48.94	57.08	12.56	5.05	2.81	6.44	14.81	25.77	39.23	
1964	470.5	15.55	168.08	65.93	43.11	15.72	19.72	6.67	2.47	3.83	6.15	33.08	91.99	
1965	589.43	31.91	81.12	171.11	132.28	22.89	12.59	4.75	3.09	13	21.59	72.26	22.84	
1966	625.31	24.01	14.54	191.17	28.29	35.88	18.95	7.38	5.28	127.24	106.05	25.62	29.89	
1967	310.34	21.51	9.73	90.49	49.35	8.71	7.01	10.72	3.89	2.65	8.91	44.38	55.04	
1968	333.06	30.42	42.08	96.99	42.06	22.94	4.15	1.41	1.6	1.05	14.92	43.87	26.77	
1969	319.7	36.35	12.97	102.82	52.58	18.8	8.4	1.2	3.77	5.91	9.19	59.21	9.4	
1970	521.56	59.35	49.8	123.21	33.17	19.21	11.3	4.92	2.17	2.01	50.19	82.67	83.56	
1971	464.35	18.32	62.17	187.8	111.07	13.64	7.07	9.1	6.1	1.93	9.73	16.98	85.54	
1972	693.24	45.34	17.88	122.87	79.79	24.48	3.42	7.11	42.62	47.9	19.81	140.73	47.98	
1973	363.62	102.66	6.64	43.36	109.16	12.84	34.06	6.46	2.06	3.64	10.15	13.37	21.22	
1974	265.14	6.46	22.05	57.77	66.92	33.14	7.32	6.67	3.11	3.36	5.17	23.75	30.42	
1975	456.23	83.8	9.47	118.62	51.55	20.71	42.36	3.95	2.83	1.23	6.5	84.2	30.71	
1976	655.48	104.08	98.63	65.76	117.81	68.92	38.24	9.12	3.37	9.27	18.82	89.6	71.86	
1977	603.47	116.83	151.66	137.71	58.11	32.38	12.52	3.89	14.6	14.9	9.47	34.23	17.17	
1978	253.85	87.08	31.01	98.46	23.69	6.3	3.13	1.87	1.69	1.35	1.65	2.41	5.21	
1979	232.33	46.65	43.26	26.88	20.31	8.98	7.05	3.98	2.72	2.53	5.5	21.99	35.48	
1980	523.18	65.96	54.34	34.32	31.78	101.3	87.11	25	8.66	12.49	7.16	36.49	48.4	
1981	492.6	33.58	121.84	52.93	113.04	27.3	19.6	4.62	4.44	4.41	47.09	33.34	30.41	
1982	333.62	34.07	62.81	91.64	48.71	35.96	32.82	4.33	3.64	2.54	2.87	4.65	9.48	
1983	558.11	64.2	37.73	77.75	26.9	19.83	11.09	10.7	72.48	8.72	52.68	67.75	73.28	
1984	324.27	58.8	43.73	164.62	38.92	57.17	15.93	19.5	6.13	4.65	5.18	28.9	59.74	
	447.12	48.41	50.26	97.43	65.23	29.22	19.93	6.98	8.78	12.45	18.93	45.73	44.20	Average 1962 - 2004
	447.12	48.41	50.26	97.43	65.23	29.22	19.93	6.98	8.78	12.45	18.93	45.73	44.20	Average1962 - 2004
	481.93	45.20	47.77	106.51	74.75	25.96	16.36	5.65	6.39	15.61	19.57	51.01	47.16	Average 1962 - 1997

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	

1963	267.18	84.87	1.5	38.58	82.6	3.13	26.77	1.65	0.58	1.88	0.6	6.49	12.53		
1964	169.29	3.29	16.02	44.87	41.47	17.34	2.88	3.09	1.09	1.91	2.4	16.58	17.25		
1965	107.44	69.64	1.46	96.26	35.59	8.85	37.01	1.46	1.54	0.32	4.69	62.74	14.78		
1966	449.76	89.73	78.00	35.81	74.63	45.6	24.06	3.46	1.57	6.98	12.9	30.52	42.63		
1967	456.8	83.7	114.86	104.8	30.65	18.21	8.79	1.61	13.99	9.08	4.95	23.16	4.99		
1968	199.51	71.6	19.32	58.74	10.8	1.75	0.85	0.67	0.84	0.38	0.54	1.03	2.78		
1969	145.38	29.21	24.34	11.68	9.28	4.48	3.88	1.84	1.3	1.4	3.12	22.28	17.47		
2000	275.2	47.85	41.61	13.21	18.22	88.93	89.33	14.31	2.79	7.1	1.27	27.87	19.61		
2001	327.6	10.95	94.16	22.42	98.71	19.84	10.68	1.41	2.64	2.33	37.28	16.8	22.78		
2002	207.44	24.29	42.79	61.19	26.78	18.68	24.53	1.54	0.61	0.39	0.48	1.37	4.5		
2003	367.61	55.37	21.96	60.27	16.43	9.99	4.56	6.06	61.63	3.91	37.96	65.16	44.11		
2004	340.63	27.93	15.56	135.05	19.34	40.07	6.53	11.6	2.58	1.97	2.62	19.77	57.61		
	308.28	33.58	35.63	73.86	41.24	18.49	13.65	3.76	6.15	9.06	12.74	32.45	27.48	Average 1960 - 2004	
	308.28	33.58	35.63	73.86	41.24	18.49	13.65	3.76	6.15	9.06	12.74	32.45	27.48	Average1982 - 2004	
	321.38	30.93	35.27	83.52	47.68	15.09	10.86	3.07	4.28	11.94	13.10	37.03	28.61	Average 1982 - 1997	

Re

Year	Year Re	1	2	3	4	5	6	7	8	9	10	11	12
1962	0.44	0.2	0.04	0.94	2	0.05	0.17	0.03	0.02	0.04	0.04	0.38	1.19
1963	0.18	0.24	0.57	0.48	0.26	0.25	0.23	0.05	0.01	0.04	0.11	0.16	0.15
1964	0.4	0.04	3.06	0.78	0.4	0.08	0.09	0.1	0.01	0.02	0.03	0.25	0.82
1965	0.37	0.15	0.57	1.04	1.46	0.14	0.14	0.04	0.02	0.15	0.13	0.38	0.16
1966	0.41	0.27	0.1	1.65	0.23	0.33	0.09	0.06	0.04	0.47	0.8	0.19	0.13
1967	0.21	0.08	0.1	1.12	0.92	0.05	0.04	0.05	0.02	0.02	0.07	0.24	0.46
1968	0.24	0.43	0.49	2.01	0.37	0.17	0.07		0.01		0.11	0.26	0.24
1969	0.28	0.45	0.18	2.11	0.73	0.08	0.04	0.28	0.03	0.04	0.07	0.38	0.08
1960	0.35	0.65	0.46	1.91	0.5	0.13	0.05	0.03	0.02	0.01	0.29	0.48	0.45
1961	0.31	0.25	0.51	1.55	0.68	0.05	0.06	0.06	0.03		0.04	0.13	0.27
1962	0.43	0.31	0.24	2.58	0.45	0.21	0.01	0.03	0.29	0.3	0.22	0.61	0.68
1963	0.32	1	0.08	2	1.1	0.06	0.2	0.02	0.01	0.02	0.1	0.07	0.31
1964	0.21	0.09	1.95	1.27	0.49	0.17	0.05	0.03	0.01	0.02	0.04	0.19	0.31
1965	0.3	0.97	0.04	1.68	0.32	0.11	0.27	0.01	0.02	0.01	0.03	0.29	0.48
1966	0.43	1	0.98	0.61	0.75	0.43	0.3	0.05	0.02	0.05	0.17	0.3	0.41
1967	0.46	0.7	1.23	1.01	1.44	0.22	0.16	0.02	0.1	0.12	0.05	0.64	0.16
1968	0.28	0.95	1.04	0.55	0.32	0.06	0.02	0.03	0.01	0.01	0.02	0.02	0.04
1969	0.18	0.54	0.48	0.27	0.16	0.1	0.05	0.04	0.02	0.02	0.04	0.23	0.35
2000	0.32	1.23	0.94	0.41	0.27	0.43	0.44	0.17	0.06	0.06	0.06	0.15	0.23
2001	0.3	0.3	0.78	0.6	1.96	0.18	0.11	0.12	0.02	0.02	0.22	0.15	0.2
2002	0.25	0.52	0.48	1.04	0.29	0.2	0.38	0.02	0.02	0.01	0.01	0.02	0.08
2003	0.39	1.02	0.3	0.87	0.42	0.08	0.07	0.07	0.77	0.03	0.37	0.55	0.63
2004	0.37	0.38	0.71	1.18	0.37	0.27	0.08	0.11	0.06	0.09	0.03	0.19	0.71
	0.32	0.51	0.67	1.23	0.70	0.17	0.14	0.06	0.07	0.07	0.13	0.28	0.38	Average 1960 - 2004
	0.32	0.51	0.67	1.23	0.70	0.17	0.14	0.06	0.07	0.07	0.13	0.28	0.38	Average1982 - 2004
	0.33	0.43	0.66	1.45	0.76	0.16	0.12	0.05	0.04	0.08	0.14	0.32	0.40	Average 1982 - 1997

Wingham A

Note Greyed area derived from BRFU provisional streamflow data. Hydat data 1960 - 2002

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	868.72	64.61	98.12	57.15	101.64	129.77	104.17	26.94	33.78	24.25	64.39	114.91	49.96
1961	904.53	28.31	40.46	92.38	68.7	76.33	117.82	77.06	124.19	58.26	48.45	79.57	96
1962	664.24	60.79	40.04	12.47	47.21	27.05	78.74	53.41	27.91	84.66	92.89	27.27	91.5
1963	720.39	20.83	19.97	63.6	45.84	81.4	52.33	76.38	66.48	42.67	29.55	149.25	72.08
1964	985.17	71.82	49.4	86.74	75.49	67.17	35.27	108.64	230.84	62.21	57.53	45.56	84.2
1965	1002.4	78.55	74.25	38.01	67.05	55.19	23.19	91.74	96.01	156.39	112.56	95.95	123.51
1966	867.62	33.1	53.5	105.93	64.83	73.52	59.63	5.41	92.66	90.87	57.11	133.4	117.28
1967	1023.6	65.05	43.26	34.4	101.75	41.34	186.84	50.79	89.46	68.27	106.44	129.23	106.77
1968	1118.9	79.2	107.35	61.01	57.97	70.12	98.14	62.35	102.04	108.42	74.97	115.91	121.26
1969	1019.47	103.65	26.43	48.58	95.97	140.77	107.87	83.13	17.57	37.9	165.72	143.02	49.05
1970	893.8	33.26	31.65	69.11	63.17	57.57	48.14	212.02	23.68	112.07	104.31	57.18	71.64
1971	770.46	69.5	83.76	60.15	34.54	21.76	98.9	88.43	77.63	35.97	37.55	56.34	155.03
1972	910.77	82.33	55.36	49.58	36.24	58.45	137.83	44.32	80.88	66.43	112.63	75.91	122.83
1973	837.86	52.66	33.18	105.06	42	106.84	68.9	62.43	47.84	44.12	86.54	114.06	72.23
1974	896.98	80.32	64.18	56.21	98.67	136.76	71.76	46.05	42.74	58.43	59.7	131.51	27.44
1975	1218.13	94.74	93.46	65.89	80.58	99.25	92.63	99.29	244.08	97.06	57.97	80.24	132.94
1976	952.82	64.51	52.1	113.31	85.74	89.95	86.44	97.14	76.72	114.26	68.79	85.5	42.4
1977	966.69	28	43.76	79.19	28.68	24.6	58.91	57.57	257.57	147.06	74.16	101.05	54.14
1978	836.44	77.98	5.71	51	60.32	74.78	77.54	28.39	84.89	142.82	75.96	65.43	111.62
1979	882.33	51.98	25.44	95.13	123.65	86.75	50.49	68.58	67.25	33.7	111.53	111.7	66.13
1980	919.6	46.33	49.31	75.2	111.13	58.96	81.98	91.44	46.24	122.64	104.03	52.96	78.39
1981	916.26	21.03	63.59	50.41	66	60.73	74.92	52.37	184.09	99.98	159.31	60.24	36.08
1982	863.63	37.43	17.67	73.98	60.71	55.7	92.9	68.28	105.62	88.62	47.83	134.77	81.52
1983	971.09	39.61	35.97	47.17	95.61	148.53	27.56	48.65	99.61	133.2	84.61	82.67	127.8
1984	858.76	39.8	47.49	50.08	34.72	36.92	144.81	34.6	70.47	99.5	51.12	97.86	96.38
1985	1135.28	56.72	123.4	111.45	65.89	111.49	49	61.98	143.09	63.12	106.99	130.44	79.66
1986	1075.96	38.42	85.34	94.28	72.48	85.92	128.83	80.8	79.13	241.3	91.02	49.61	68.93
1987	922.46	62.72	19.71	60.34	35.98	36.27	67.77	151.65	103.61	62.4	85.11	134.18	72.78
1988	961.9	51.84	55.28	38.78	57.62	81.54	23.5	105.21	75.62	93.09	112.99	111.32	74.13
1989	816.19	92.97	40.88	41.93	40.96	106.36	90.68	2.28	97.08	84.52	76.73	127.3	56.4
1960	1053.03	72.28	47.08	50.91	33.75	101.42	111.44	85.95	42.97	115.06	137.81	127.66	156.67
1961	1029.21	30.4	40	92.1	109.93	108.54	69.58	115.02	86.36	92.17	104.38	89.79	70.94
1962	1043.59	70.63	29.37	38.89	114.2	73.83	64.15	143.77	122.36	124.96	52.95	153.49	54.99
1963	839.63	97.49	23.79	19.79	75.36	58.02	133.91	69.21	55.5	116.28	65.69	79.4	45.7
1964	820.84	46.84	8.94	36.79	89.68	100.74	57.84	97.96	92.6	93.98	53.16	86.6	52.51
1965	1075.44	75.27	40.43	48.64	103.48	79.51	120.21	95.33	92.17	48.13	142.35	191.83	38.13
1966	1053.67	89.28	76.85	41.51	101.55	105.49	83.1	76.6	65.17	134.61	78.39	97.94	104.18
1967	952.31	119.08	90.82	98.04	22.29	84.92	51.87	78.4	120.11	77.58	86.16	36.6	32.44
1968	918.05	76.22	18.34	102.1	34.23	31.87	45.39	23.96	91.09	36.11	31.72	53.46	78.66
1969	773.64	73.93	53.01	40.59	58.06	45.06	81.64	48.23	69.68	89.77	70.03	96.43	52.23
2000	1158.5	39.12	43.65	31.85	60.29	202.61	203.23	89.16	51.66	125.18	25.41	179.14	108.2
2001	1105.89	36.76	118.15	35.85	44.41	113.88	97.98	13.34	125.79	128.8	167.5	157.95	112.48
2002	842.36	47.86	87.33	56.43	92.08	93.57	66.64	86.35	48.05	77.96	67.01	62.97	56.11
2003	993.24	55.26	70.93	58.78	39.61	101.35	64.17	91.64	83.69	117.73	101.38	118.54	70.78
2004	935.27	74.86	81.61	110.44	53.38	150.88	80.01	100.76	46.3	26.32	80.78	103.68	62.25
	934.76	59.89	51.87	63.46	67.52	85.46	84.34	75.96	93.56	90.53	83.98	99.72	78.96	Average 1960 - 2004
	934.76	59.89	51.87	63.46	67.52	85.46	84.34	75.96	93.56	90.53	83.98	99.72	78.96	Average1982 - 2004
	933.39	59.65	52.13	62.68	68.50	83.10	84.90	74.93	94.33	91.44	83.65	99.20	79.08	Average 1982 - 2002

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	300.92	50.22	81.17	65.65	9.49	0	0	0	0	0	5.57	24.07	64.76
1961	230.5	44.64	12.14	37.02	18.05	16.65	0	0	0	0	0	25.31	66.71
1962	269.94	68.85	66.25	9.47	3.39	0	0	0	0	0	18.19	11.28	91.51
1963	260.54	46.27	33.54	19.85	6.54	2.61	0	0	0	0	0	49.57	103.36
1964	194.45	26.12	40.34	43.01	5.52	0	0	0	0	0	8.62	23.76	46.76
1965	212.25	61.22	45.72	32.89	24.25	0	0	0	0	0	2.6	14.4	31.17
1966	250.27	55.3	21.34	37.07	13.58	0.1	0	0	0	0	0	40.49	78.39
1967	273.92	71.44	45.43	40.56	9.05	0	0	0	0	0	0	60.22	47.03
1968	302.22	78.42	102.42	48.5	3.1	0	0	0	0	0	0	33.66	116.12
1969	337.94	123.64	33.72	37.1	0	0	0	0	0	0	35.54	60.79	47.15
1970	252.76	47.41	45.98	45.07	23.76	0	0	0	0	0	0	25.5	65.04
1971	280.29	117.04	26.16	63.32	8.27	0	0	0	0	0	0	26.9	38.6
1972	283.13	96.19	76.34	16.41	14.02	0	0	0	0	0	4.2	32.38	43.69
1973	153.72	37.09	27.83	16.93	2.93	0	0	0	0	0	0	9.61	56.33
1974	141.48	38.38	40.54	22.64	0.55	0	0	0	0	0	0.07	32.55	27.75
1975	287.41	59.25	52.63	28.9	42.81	0	0	0	0	0	0	13.48	60.34
1976	305	85.5	43.99	39.54	11.38	0	0	0	0	0	0.54	62.97	60.88
1977	195.26	61.43	23.62	19.69	0.06	0	0	0	0	0	0	20.61	65.44
1978	249.97	120.46	14.97	12.57	3.7	0	0	0	0	0	0	5.47	92.6
1979	191.97	83.77	30.26	14.08	27.84	0	0	0	0	0	0	19.23	17.58
1980	263.52	55.22	69.98	30.51	0.01	0	0	0	0	0	0.05	20.27	87.49
1981	180.5	48.25	33.36	27.72	0	0	0	0	0	0	35.95	8.02	27.2
1982	191.33	68.38	41.25	23.63	17.52	0	0	0	0	0	0.03	8.93	31.29
1983	229.63	21.21	9.84	24.96	1.66	0	0	0	0	0	0	26.06	146.18
1984	146.44	52.65	23.46	27.95	0	0	0	0	0	0	0	0	31.38
1985	346.87	74.54	103.73	36.23	11.63	0	0	0	0	0	0	4.4	113.34
1986	202.46	37.86	45.66	27.4	9.96	0	0	0	0	0	0	44.31	38.85
1987	171.66	72.08	13.86	21.23	10.06	0	0	0	0	0	0.17	35.38	18.88
1988	172.92	38.97	67.1	8.24	3.24	0	0	0	0	0	6	2.95	46.42
1989	240.62	21.34	52.98	18.72	11.25	0.22	0	0	0	0	8.07	47.75	76.49
1960	124.1	34.12	38.64	0.52	0.14	0.09	0	0	0	0	0	15.29	35.3
1961	206.5	47.06	58	15.79	0.38	0	0	0	0	0	0	19.82	64.55
1962	170.85	75.14	20.58	20.56	0.14	0	0	0	0	0	2.63	14.09	37.51
1963	172.25	17.77	37.68	22.1	2.98	0	0	0	0	0	2.58	18.97	30.15
1964	135.51	47.52	17.58	25.52	1.76	0	0	0	0	0	0	12.94	30.16
1965	196.55	53.76	65.21	16.62	7.17	0	0	0	0	0	0	39.94	54.85
1966	270.53	60.74	38.51	52.26	14.57	0	0	0	0	0	0	56.56	47.89
1967	260.57	129.83	13.26	82.08	0.19	0	0	0	0	0	30.6	13.4	18.21
1968	133.58	29.59	0.06	56.05	0	0	0	0	0	0	0	5.54	42.34
1969	247.58	117.04	11.47	44.78	12.51	0	0	0	0	0	0	37.37	24.41
2000	262.99	31.94	62.12	6.25	11.27	0	0	0	0	0	0	114.62	104.99
2001	216.84	23.28	49.65	27.2	5.79	0	0	0	0	0	7.88	3.32	98.71
2002	236.85	51.48	46.55	31.3	19.39	0.08	0	0	0	0	4.2	26.44	53.4
2003	277.62	105.84	79	36.79	2.73	0	0	0	0	0	2.47	17.15	36.84
2004	230.05	116.63	12.2	23.96	0.14	0	0	0	0	0	0	21.73	55.19
	235.00	63.57	41.16	30.49	8.35	0.43	0.00	0.00	0.00	0.00	3.99	28.25	58.75	Average 1960 - 2004
	235.00	63.57	41.16	30.49	8.35	0.43	0.00	0.00	0.00	0.00	3.99	28.25	58.75	Average1982 - 2004
	234.12	61.34	41.03	30.50	8.68	0.45	0.00	0.00	0.00	0.00	4.12	28.66	59.34	Average 1982 - 2002

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	490.22	44.52	32.6	40.57	214.84	94.79	25.76	6.63	3.61	2.53	2.66	6.79	4.71
1961	248.72	4.03	20.76	74.88	40.85	36.09	12.6	11.71	7.36	4.89	2.86	11.66	20.01

1978	0.45	0.76	0.65	0.39	0.27	0.58	0.4	0.63	0.77	0.44	0.52	0.53	0.68				
1979	0.38	0.5	0.8	0.27	0.39	0.57	0.7	0.78	0.64	0.79	0.43	0.36	0.29				
1980	0.44	0.54	0.92	0.18	0.48	0.56	0.48	0.71	0.51	0.32	0.48	0.79	0.47				
1981	0.41	0.93	0.15	0.59	0.63	0.44	0.54	0.79	0.4	0.31	0.36	0.54	0.66				
1982	0.38	0.64	0.92	0.23	0.34	0.67	0.42	0.8	0.66	0.62	0.64	0.32	0.35				
1983	0.57	0.74	0.55	0.64	0.56	0.61	0.52	0.78	0.75	0.37	0.54	0.57	0.6				
1984	0.38	0.9	0.2	0.37	0.58	0.6	0.28	0.63	0.76	0.55	0.69	0.38	0.31				
1985	0.38	0.65	0.24	0.32	0.35	0.33	0.56	0.77	0.55	0.45	0.27	0.38	0.66				
1986	0.61	0.49	0.76	0.21	0.61	0.21	0.43	0.6	0.55	0.25	0.5	0.72	0.71				
1987	0.43	0.83	0.91	0.28	0.46	0.59	0.52	0.53	0.58	0.76	0.38	0.32	0.42				
1988	0.38	0.45	0.43	0.28	0.53	0.3	0.69	0.43	0.57	0.6	0.15	0.4	0.42				
1989	0.42	0.46	0.62	0.2	0.52	0.68	0.58	0.74	0.59	0.63	0.45	0.18	0.72				
1990	0.38	0.28	0.54	0.3	0.53	0.38	0.7	0.54	0.77	0.74	0.24	0.29	0.46				
1991	0.4	0.52	0.36	0.3	0.47	0.5	0.54	0.33	0.45	0.86	0.4	0.43	0.41				
1992	0.42	0.52	0.79	0.26	0.47	0.43	0.72	0.61	0.35	0.37	0.59	0.28	0.59				
1993	0.4	0.31	0.8	0.35	0.3	0.61	0.3	0.65	0.75	0.52	0.48	0.74	0.56				
1994	0.42	0.42	0.26	0.29	0.44	0.53	0.45	0.46	0.74	0.64	0.43	0.39	0.52				
1995	0.36	0.25	0.76	0.23	0.48	0.6	0.28	0.82	0.45	0.9	0.51	0.29	0.57				
1996	0.38	0.2	0.29	0.54	0.42	0.37	0.54	0.54	0.65	0.32	0.3	0.41	0.46				
1997	0.37	0.31	0.28	0.26	0.5	0.48	0.59	0.73	0.36	0.53	0.59	0.61	0.67				
1998	0.38	0.21	0.42	0.37	0.58	0.53	0.75	0.74	0.72	0.8	0.54	0.71	0.54				
1999	0.4	0.13	0.4	0.5	0.58	0.36	0.84	0.51	0.52	0.55	0.44	0.36	0.54				
2000	0.34	0.38	0.22	0.62	0.59	0.16	0.2	0.42	0.56	0.42	0.75	0.34	0.43				
2001	0.42	0.65	0.27	0.63	0.33	0.31	0.51	0.67	0.48	0.54	0.26	0.56	0.44				
2002	0.46	0.69	0.34	0.43	0.47	0.46	0.32	0.7	0.7	0.69	0.61	0.69	0.44				
2003	0.43	0.54	0.62	0.3	0.61	0.53	0.61	0.56	0.24	0.52	0.33	0.39	0.51				
2004	0.43	0.65	0.61	0.22	0.61	0.43	0.68	0.68	0.81	0.75	0.6	0.44	0.21				
	0.41	0.57	0.56	0.35	0.46	0.47	0.52	0.62	0.59	0.60	0.50	0.45	0.52	Average 1960 - 2004			
	0.41	0.57	0.56	0.35	0.46	0.47	0.52	0.62	0.59	0.60	0.50	0.45	0.52	Average1960 - 2004			
	0.41	0.58	0.55	0.35	0.45	0.47	0.52	0.63	0.59	0.60	0.50	0.45	0.52	Average 1960 - 2002			

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12	
1960	283.03	14.61	3.68	16.63	165.81	60.75	13.57	1.88	0.77	0.28	0.47	3.71	0.53	
1961	129.4	0.08	16.43	48.98	12.65	17.05	5.27	5.82	2.57	1.85	1.63	7.02	10.07	
1962	140.41	2.57	0.77	68.76	32.1	4.4	1.7	0.82	0.37	0.92	4.98	9.83	8.99	
1963	168.58	2.64	0.65	102.35	26.87	20.7	2.86	0.67	1.82	0.36	0.55	6.08	2.94	
1964	170.6	14.18	6.17	48.28	26.39	7.61	1.54	2.08	20.32	1.79	2.49	6.72	33.01	
1965	298.28	6.76	46.6	30.04	103.35	16.27	1.92	1.13	1.76	2.66	14.29	25.5	48.19	
1966	215.48	15.28	35.47	58.46	19.82	13.63	19.07	1.01	1.76	1.53	2.34	14.04	41.88	
1967	335.23	32.52	10.48	54.41	74.47	9.62	27.77	10.87	3.16	2.86	22.83	49.16	35.89	
1968	207.42	4.11	72.57	74.52	17.61	9.96	8.68	2.52	26.78	11.25	13.83	31.2	34.21	
1969	296.91	34.07	31.43	56.45	84.27	48.87	9.38	4.03	1.07	0.26	4.2	15.98	6.79	
1970	185.79	3.65	7.49	16.12	102.21	11.2	1.75	6.52	1.13	3.64	7.99	8.67	15.41	
1971	186.35	5.3	8.23	40	98.88	7.76	3.61	1.94	1.07	1.01	1.19	1.93	14.43	
1972	239.97	11.88	1.12	16.53	135.72	12.75	12.45	3.68	1.25	0.96	8.63	6.79	26.41	
1973	238.5	61.04	16.82	79	20.94	22.31	10.9	2.68	1.54	0.43	2.18	8.57	13.08	
1974	267.95	32.27	13.31	74.82	55.78	62.46	6.7	1.61	1.08	0.58	1.62	13.54	4.3	
1975	375.68	27.55	26.5	50.29	127.01	20.63	8.24	2.65	27.05	26.88	7.94	9.42	21.28	
1976	332.24	8.78	45.77	169.56	31.35	23.79	4.54	18.32	1.54	7.24	33.71	11.03	3.63	
1977	263.74	0.39	1.06	108.61	22.75	4.72	1.87	3.48	22.54	25.79	48.11	26.86	18.19	
1978	175.82	5.3	2.18	21.91	98.87	12.31	9.15	0.83	1.1	4.88	6.68	6.32	5.99	
1979	316.93	14.29	2.21	116.76	81.8	14.72	2.87	1.6	2.17	0.89	7.73	24.44	47.48	
1980	220.08	11.11	0.72	76.44	53.14	10.47	7.47	2.25	3.77	9.59	16.63	4.86	20.62	
1981	256.86	1.17	111.72	21.25	12.42	14.77	6.45	1.15	5.79	21.93	35.7	16.16	8.35	
1982	202.09	7.22	0.61	68.02	106.2	6.52	13.43	1.5	2.15	2.77	3.34	10.22	58.12	
1983	151.02	8.05	14.98	14.85	20.71	30.38	8.79	1.59	1.78	9.09	10.41	13.19	17.2	
1984	283.68	2	151.66	41.68	19.89	7.53	25.04	4.24	1.02	3.79	2.99	23.72	52.11	
1985	399.16	12.36	58.4	111.57	94.67	21.68	7.28	1.64	3.01	8.54	18.36	46.2	15.48	
1986	357.89	21.68	4.62	120.21	20.06	26.49	14.3	4.82	4.9	74.04	44.07	8.93	10.76	
1987	200.65	3.55	1.21	58.64	28.84	4.06	4.27	4.87	3.24	1.23	7.99	33.98	38.53	
1988	263.4	17.23	32.38	71.01	23.19	18.24	1.82	2.87	1.72	1.36	28.17	39.37	26.04	
1989	198.66	26.8	8.05	73.25	26.13	7.63	5.79	1.1	1.68	1.85	1.12	37.11	4.76	
1990	352.18	54.04	23.98	73.79	16.49	17.78	3.32	3.69	1.09	1.28	41.86	60.77	51.1	
1991	314.15	19.29	30.19	114.19	57.4	13.44	1.76	10.12	5.96	0.58	7.81	11.57	27.63	
1992	374.35	26.76	6.26	95.47	47.23	18.05	2.52	3.94	24.43	20.04	12.81	63.29	22.34	
1993	243.48	66.59	3.85	25.35	82.28	7.67	25.59	3.33	1.27	4.21	9.23	3.95	10.17	
1994	208.31	11.25	30.72	45.79	43.77	20.1	6.68	4.65	2.04	2.58	4.25	18.44	17.73	
1995	290.87	58.68	3.12	81.66	25.4	9.83	22.16	1.05	6.71	0.68	5.08	61.22	14.31	
1996	373.34	77.4	65.86	25.76	57.78	40.55	14.4	3.33	1.21	7.31	15.17	33.08	41.49	
1997	363.58	72.86	81.56	100.9	33.61	30.06	5.31	1.79	7.3	4.5	3.83	20.68	7.18	
1998	189.65	76.54	20.43	61.82	14.43	5.29	1.49	0.75	0.57	0.32	1.58	1.1	3.35	
1999	135.68	38.1	27.77	14.3	12.87	6.68	2.05	2.05	1.24	0.89	3.33	14.38	12	
2000	248.85	20.41	39.74	13.31	12.52	110.53	67.18	20.02	8.09	11.47	3.76	25.43	28.19	
2001	328.63	4.7	81.97	22.27	77.07	21.48	11.62	2.28	3.47	3.73	43.85	18.12	38.07	
2002	213.75	13.71	47.01	58.23	35.36	21.68	21.43	2.21	1.46	0.83	1.87	1.85	7.08	
2003	263.41	11.94	15.53	94.31	19.3	20.24	7.02	6.57	26.84	5.53	28.63	65.32	40.96	
2004	342.88	23.1	7.6	151.83	21.88	38.62	8.04	13.25	1.65	2.3	3.89	16.02	53.4	
	268.77	21.98	25.26	65.43	51.26	20.62	10.25	4.00	5.82	6.87	12.07	21.80	23.41	Average 1960 - 2004
	268.77	21.98	25.26	65.43	51.26	20.62	10.25	4.00	5.82	6.87	12.07	21.80	23.41	Average1960 - 2004
	264.85	22.19	25.90	62.75	52.69	20.19	10.37	3.73	5.19	7.01	11.62	20.92	22.31	Average 1960 - 2002

Ri

Year	Year Ri	1	2	3	4	5	6	7	8	9	10	11	12	
1960	0.32	0.23	0.04	0.3	1.63	0.47	0.13	0.07	0.02	0.01	0.01	0.03	0.01	
1961	0.14	0	0.41	0.53	0.18	0.22	0.04	0.08	0.02	0.03	0.04	0.09	0.1	
1962	0.21	0.04	0.02	5.4	0.71	0.24	0.02	0.02	0.01	0.01	0.05	0.26	0.1	
1963	0.23	0.13	0.03	1.61	0.59	0.25	0.05	0.01	0.03	0.01	0.02	0.04	0.04	
1964	0.17	0.2	0.12	0.54	0.36	0.09	0.04	0.02	0.09	0.02	0.04	0.16	0.39	
1965	0.3	0.09	0.63	0.79	1.54	0.29	0.08	0.01	0.02	0.02	0.13	0.27	0.39	
1966	0.24	0.46	0.49	0.55	0.31	0.19	0.32	0.18	0.02	0.02	0.04	0.1	0.36	
1967	0.33	0.5	0.24	1.58	0.73	0.24	0.2	0.21	0.04	0.04	0.21	0.31	0.34	
1968	0.27	0.08	0.68	1.22	0.31	0.14	0.07	0.04	0.15	0.1	0.18	0.27	0.38	
1969	0.29	0.33	1.19	1.16	0.88	0.35	0.09	0.05	0.06	0.01	0.03	0.11	0.14	
1970	0.21	0.11	0.24	0.23	1.62	0.19	0.04	0.03	0.03	0.03	0.08	0.15	0.22	
1971	0.24	0.08	0.1	0.66	2.89	0.36	0.04	0.02	0.01	0.03	0.03	0.03	0.14	
1972	0.26	0.14	0.02	0.33	3.74	0.21	0.09	0.08	0.02	0.01	0.08	0.12	0.22	
1973	0.28	1.16	0.51	0.74	0.5	0.21	0.16	0.04	0.03	0.01	0.03	0.08	0.18	
1974	0.3	0.4	0.21	1.13	0.56	0.45	0.09	0.03	0.03	0.01	0.03	0.1	0.11	
1975	0.31	0.29	0.28	0.76	1.58	0.21	0.08	0.03	0.11	0.28	0.14	0.12	0.34	
1976	0.35	0.14	0.8	1.5	0.39	0.26	0.05	0.19	0.02	0.06	0.16	0.14	0.09	
1977	0.27	0.01	0.02	2.02	0.57	0.19	0.03	0.06	0.13	0.18	0.65	0.27	0.48	
1978	0.21	0.07	0.38	0.43	2.45	0.14	0.12	0.03	0.01	0.03	0.09	0.1	0.05	
1979	0.36	0.27	0.08	1.37	0.66	0.17	0.06	0.02	0.03	0.03	0.07	0.22	0.72	
1980	0.24	0.24	0.01	1.06	0.48	0.18	0.09	0.02	0.08	0.08	0.16	0.09	0.26	
1981	0.28	0.06	2.21	0.42	0.19	0.24	0.09	0.02	0.03	0.22	0.22	0.27	0.23	
1982	0.35	0.19	0.03	0.93	1.75	0.12	0.14	0.02	0.02	0.03	0.07	0.24	0.71	
1983	0.16	0.2	0.42	0.32	0.22	0.2	0.33	0.03	0.02	0.07	0.12	0.16	0.13	
1984	0.32	0.05	2.14	0.76	0.57	0.09	0.17	0.12	0.01	0.04	0.06	0.24	0.52	
1985	0.36	0.21	0.48	1	1.45	0.19	0.15	0.03	0.02	0.14	0.18	0.35	0.17	
1986	0.33	0.56	0.1	1.28	0.28	0.34	0.11	0.06	0.06	0.31	0.48	0.18	0.16	
1987	0.22	0.06	0.06	1.14	0.4	0.11	0.04	0.03	0.03	0.02	0.09	0.25	0.53	
1988	0.27	0.33	0.58	1.83	0.4	0.22	0.08	0.02	0.02	0.01	0.25	0.35	0.35	
1989	0.24	0.53	0.2	1.75	0.64	0.07	0.06	0.46	0.02	0.02	0.05	0.29	0.08	
1990	0.33	0.75	0.36	1.45	0.58	0.18	0.03	0.04	0.03	0.01	0.3	0.48	0.48	
1991	0.31	0.63	0.5	1.24	0.52	0.12	0.08	0.08	0.07	0.01	0.07	0.13	0.53	
1992	0.36	0.38	0.21	2.2	0.41	0.24	0.04	0.03	0.2	0.25	0.24	0.61	0.41	
1993	0.29	0.88	0.17	1.28	1.09	0.13	0.19	0.05	0.02	0.04	0.14	0.05	0.25	
1994	0.25	0.24	3.43	1.25	0.49	0.2	0.12	0.05	0.02	0.03	0.08	0.21	0.32	
1995	0.27	0.79	0.08	1.68	0.25	0.12	0.18	0.01	0.07	0.01	0.04	0.32	0.38	
1996	0.35	0.87	0.73	0.62	0.57	0.38	0.18	0.04	0.02	0.05	0.19	0.34	0.4	
1997	0.4	0.61	0.9	1.03	1.51	0.24	0.1	0.02	0.04	0.08	0.07	0.56	0.22	
1998	0.31	1.03	1.11	0.61	0.42	0.17	0.04	0.03	0.01	0.01	0.05	0.02	0.04	
1999	0.18	0.52	0.56	0.35	0.23	0.15	0.03	0.04	0.02	0.01	0.05	0.15	0.23	
2000	0.3	0.53	0.68	0.42	0.21	0.55	0.33	0.22	0.12	0.09	0.15	0.14	0.26	
2001	0.3	0.13	0.69	0.62	1.74	0.19	0.12	0.17	0.03	0.03	0.26	0.17	0.34	
2002	0.25	0.29	0.54	1.05	0.38	0.23	0.32	0.03	0.03	0.01	0.03	0.03	0.13	
2003	0.37	0.22	0.22	1.4	0.49	0.17	0.11	0.07	0.44	0.05	0.39	0.55	0.58	
2004	0.37	0.31	0.35	1.27	0.41	0.26	0.1	0.13	0.04	0.09	0.05	0.15	0.65	
	0.28	0.34	0.52	1.12	0.85	0.22	0.11	0.07	0.05	0.06	0.13	0.21	0.29	Average 1960 - 2004
	0.28	0.34	0.52	1.12	0.85	0.22	0.11	0.07	0.05	0.06	0.13	0.21	0.29	Average1960 - 2004
	0.28	0.34	0.53	1.10	0.87	0.22	0.11	0.07	0.04	0.06	0.13	0.20	0.28	Average 1960 - 2002

Wincham is

Note Grewed area derived from BRGI provisional streamflow data. Hatte data 1960 to 1995

Distributed Precipitation (mm)

Year	NTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	798.04	63.87	76.56	42.22	92.37	124.18	89.32	31.75	43.59	21.72	62.78	109.93	28.75
1961	898.64	21.69	38.1	65.12	68.38	71.45	126.08	102.92	103.31	73.41	41.87	80.01	96.3
1962	647.07	54.06	60.65	7.91	48.77	28.04	79.27	52.47	58.62	75.62	87.36	47.39	71.41
1963	688.65	20.58	17.49	52.7	57.73	78.27	52.24	68.24	68.01	57.58	25.43	123.97	65.41
1964	917.27	66.71	40.06	79.57	69.1	87.13	37.8	106.22	205.33	92.99	50.46	42.98	80.41
1965	1038.41	74.74	98.8	26.14	58.49	66.4	25.01	94.34	115.92	137.24	138.47	94.02	106.84
1966	911.16	41.23	81.16	87.58	60.46	68.62	82.42	10.77	104.35	96.64	48.52	127.67	111.73
1967	1058.07	59.71	86.3	29.02	109.43	64.22	187.88	65.44	96.41	84.99	110.51	117.78	105.58
1968	1058.47	69.15	77.45	54.07	48.66	58.33	87.29	66.12	179.69	121.07	70.91	119.13	106.43
1969	951.76	85.85	28.48	45.92	102.77	120.31	82.58	86.48	33.97	31.26	129.08	146.68	58.48
1970	914.48	31.96	28.55	56.74	74.13	76.73	49.23	165.58	45.01	127.98	110.86	63.47	84.26
1971	785.69	62.37	86.33	53.79	35.62	23.4	92.16	110.78	91.43	41.65	37.75	52.53	107.66
1972	925.64	73.04	51.67	56.94	48.51	47.4	118.65	45.45	67.18	76.77	126.26	74.48	124.65
1973	906.77	52.07	40.35	106.48	46.31	106.44	77.99	66.93	68.92	48.39	93.9	127.93	77.06
1974	906.26	79.86	61.98	54.84	108.27	102.64	67.34	39.84	32.93	67.38	52.77	136.95	92.66
1975	1110.6	93.13	82.94	58.84	70.28	67.07	84.35	84.94	233.82	88.58	48.97	99.6	98.17
1976	1013.26	76.38	60.73	109.62	98.04	87.85	79.28	103.11	66.99	116.5	83.02	77.22	52.54
1977	967.29	32.75	61.01	71.62	43.53	24.15	72.88	58.44	214.01	156.13	67.14	105.89	59.74
1978	820.11	73.66	7.77	41.65	43.17	67.18	57.35	33.02	77.79	169.91	72.06	71.34	105.31
1979	914.91	45.07	26.76	73.49	110.35	86.88	55.15	74.75	71.05	46.72	121.19	135.51	87.99
1980	916.95	47.23	45.68	72.19	104.14	60.01	99.26	71.65	56.88	110.51	108.92	61	88.48
1981	953.88	25.1	60.17	49.11	71.77	73.46	69.37	63.62	166.43	120.83	148.57	58.07	51.38
1982	969.76	49.3	18.34	73.45	62.83	96.69	93	76.03	141.16	104.54	89.68	137.38	103.35
1983	1015.26	35.43	86.48	42.75	102.16	162.06	30.89	37.04	118.73	135.29	87.83	91.99	104.39
1984	926.79	46.28	52.3	66.26	37.13	93.68	111.06	45.6	84.55	102.24	58.54	103.57	129.58
1985	1168.97	79.9	135.58	99.47	80.09	105.63	53.09	77.8	164.39	67.13	98.71	123.27	93.81
1986	1088.2	49.51	88.69	76.08	68.58	81.92	113.42	73.45	79.07	272.38	102.25	42.59	78.24
1987	916.96	39.68	17.4	62.61	45.47	29.85	81.34	156.76	113.94	72.28	94.59	137.26	70.57
1988	980.95	53.32	72.11	47.52	72.56	56.21	16.03	122.41	67.72	115.41	141.02	122.61	84.03
1989	883.71	52.17	81.57	38.68	57.58	106.94	81.76	7.92	102.15	90.9	88.21	181.16	56.67
1990	1133.53	70.55	64.05	54.94	51.6	104.24	122.83	81.51	75.9	126.93	139.6	136.74	103.84
1991	1095.28	49.92	81.38	96.21	121.7	98.48	49.11	142.26	96.99	76.65	118.26	98.07	85.22
1992	1183.93	65.42	44.18	40.53	124.7	89.26	71.07	152.02	149.31	139.09	63.59	169.46	75.3
1993	923.49	96.18	26.48	20.45	79.67	58.68	143.43	89.38	75.35	129.97	62.03	85.12	49.77
1994	901.77	58.19	13.43	63.96	115.61	101.25	69.3	100.38	81.12	96.73	62.34	94.12	65.34
1995	1118.9	88.13	47.55	52.79	102.23	77.17	107.3	97.34	97.96	49.25	143.9	201.66	52.2
1996	1144.49	76.14	66.2	43.75	126.49	105.65	104.37	85.94	66.1	177.98	81.03	94.13	116.69

1962	67.63	8.14	5.63	7.53	21.32	15	2.88	0.56	0.78	0.6	0.87	1.62	2.9										
1964	96.02	6.64	12.72	26.19	20.84	6.98	1.79	1.61	3.29	1.9	3.14	2.93	9.07										
1965	160.17	15.61	23.96	26.63	31.49	14.13	2.91	2.05	1.75	1.65	10.54	22.68	37.11										
1966	155.09	16.88	18.99	42.07	29.81	12.02	5.93	2.15	1.86	1.8	2.26	4.63	16.65										
1967	216.56	17.9	19.32	22.18	61.09	13.81	9.09	9.84	4.26	2.09	9.35	26.21	33.92										
1968	361.5	19.91	19.22	23.58	29.56	11.57	4.15	3.41	5.39	6.49	11.2	12.72	23.7										
1969	171.34	19.75	21.18	18.11	47.63	24.49	10.16	4.19	2.35	1.58	2	6.56	13.34										
1970	129.18	9.58	9.24	12.77	35.2	12.83	4.31	3.5	2.62	3.14	5.96	9.74	19.99										
1971	127.54	13.86	11.15	28.1	40.84	9.67	5.05	3.28	2.82	2.39	2.03	1.95	6.5										
1972	158.75	13.88	15.04	20.17	42.67	11.91	6.25	4.02	2.69	2.6	3.49	12.84	20.98										
1973	152.63	21.59	14.68	36.44	22.87	14.99	8.03	3.57	2.88	2.15	2.33	4.85	8.05										
1974	138.97	12.58	13.27	22.91	28.77	22.32	7.87	3.25	2.08	1.82	2.39	4.23	7.48										
1975	166.6	10.35	14.95	26.19	27.54	14.46	6.75	3.37	5.18	19.11	14.4	16.63	25.67										
1976	222.87	24.35	32.98	76.08	27.91	19.1	4.01	4.81	3.27	3.22	4	9.67	12.49										
1977	164.26	10.28	9.56	32.32	23.79	5.08	2.4	1.85	4.6	8.87	23.92	20.68	21.92										
1978	143.26	15.81	12.5	15.02	40.01	15.04	6.47	2.45	1.96	3.19	7.34	7.66	13.81										
1979	184.05	14.82	9.35	53.77	52.32	16.52	5.14	2.88	2.39	1.85	3.89	12.16	20.94										
1980	147.27	12.72	9.36	16.5	42.94	11.49	5.92	3.72	2.79	2.89	8.96	10.6	14.38										
1981	153.9	10.98	10.82	26.81	18.74	11.49	5.47	3.05	2.73	6.12	16.41	17.9	15.18										
1982	175.65	11.17	7.14	19.67	51.62	8.44	7.61	4.79	3.43	3.43	5.9	17.44	34.61										
1983	175.92	20.35	16.7	23.85	22.55	22.53	8.1	2.9	2.67	3.32	9.71	14.52	24.73										
1984	151.35	16.55	25.77	23.5	23.92	8.1	7.39	4.31	2.29	3.35	4.27	12.69	19.21										
1985	242.83	17.05	14.1	66.45	48.54	10.94	6.62	4.05	3.21	8.44	12.01	28.45	22.97										
1986	228.9	21.28	13.52	30.7	26.06	8.02	8.51	5.35	4.49	25.11	42.65	17.63	24.43										
1987	154.13	16.97	10.67	29.3	24.04	5.9	4.05	5.6	4.83	3.6	4.24	15.02	29.91										
1988	145.49	14.9	18.5	25.88	24.26	9.4	3.22	1.79	1.94	1.77	6.1	24.96	15.79										
1989	132.82	21.76	10.51	15.37	26.93	12.26	8.81	2.5	2.05	2.07	2.93	7.46	10.17										
1990	197.09	18.61	23.5	26.78	21.75	9.03	5.95	3.83	2.62	2.68	14.63	24.94	42.97										
1991	190.15	17.34	15.84	48.17	45.51	11.15	5.45	4.26	3.59	2.61	6.1	8.19	24.14										
1992	251.43	26.82	22.12	32.84	38.67	14.61	4.9	6.06	12.82	15.58	15.13	33.06	27.82										
1993	149.01	23.92	12.29	10.34	33.76	11.18	9.25	4.81	2.67	3.11	7.88	11	13.82										
1994	140.72	7.68	10.38	20.83	35.13	22.13	6.07	4.41	3.75	2.41	4.08	8.56	15.29										
1995	144.68	14.62	9.46	21.91	20.12	14.74	7.28	4.13	4.35	2.83	3.81	23.28	17.75										
1996	223.25	17.17	17.57	25.05	40.64	25.93	16.45	5.69	3.7	3.38	8.89	24.28	35.5										
1997	226.13	33.92	33.66	36.21	31.16	18.62	7.25	4.62	3.79	9.84	8.23	15.61	20.52										
1998	119.16	25.61	17.73	37.87	19.29	6.47	3.08	1.56	1.09	0.68	1.15	1.68	2.95										
1999	87.58	6.11	20.73	17.22	16.35	4.71	2.99	1.58	0.68	0.49	1.36	4.55	10.83										
2000	165.02	13.22	9.73	20.48	15.36	17.85	13.39	13.66	7.51	7.55	9.52	11.82	24.93										
2001	244.18	41.96	46.77	34.78	32	7.28	8.16	2.69	1.54	2.22	13.77	23.63	28.87										
2002	176.11	35.04	27.02	40.65	28.65	19.71	9.41	3.5	2.26	1.21	1.58	2.66	4.42										
2003	191.98	10.25	13.84	22.53	24.48	18.71	9.89	4.99	2.63	1.66	12.38	33.66	38.63										
2004	187.84	28.72	22.56	39.25	26.24	23.06	11.49	8.44	4.75	3.45	3.27	8.64	7.47										
	163.78	17.34	16.38	27.97	30.90	13.83	6.56	3.93	3.17	4.16	7.50	13.33	18.71	Average 1960 - 2004									
	163.78	17.34	16.38	27.97	30.90	13.83	6.56	3.93	3.17	4.16	7.50	13.33	18.71	Average1960 - 2004									
	168.68	15.79	14.66	27.29	32.12	13.26	5.92	3.61	3.20	4.35	7.70	13.13	18.61	Average 1960 - 1995									

BF1

Year	Year BF1	1	2	3	4	5	6	7	8	9	10	11	12	
1960	0.32	0.75	0.66	0.28	0.19	0.32	0.44	0.65	0.64	0.65	0.57	0.34	0.4	
1961	0.45	0.79	0.11	0.35	0.75	0.54	0.49	0.39	0.67	0.48	0.58	0.24	0.44	
1962	0.36	0.89	0.98	0.15	0.43	0.52	0.54	0.48	0.7	0.6	0.45	0.27	0.39	
1963	0.28	0.89	0.91	0.06	0.43	0.47	0.49	0.34	0.44	0.54	0.38	0.28	0.61	
1964	0.37	0.25	0.66	0.33	0.61	0.44	0.61	0.41	0.24	0.48	0.62	0.43	0.25	
1965	0.34	0.75	0.26	0.41	0.22	0.44	0.64	0.52	0.36	0.37	0.19	0.47	0.39	
1966	0.39	0.43	0.3	0.41	0.58	0.51	0.22	0.7	0.73	0.62	0.63	0.28	0.26	
1967	0.38	0.32	0.62	0.29	0.36	0.59	0.24	0.46	0.44	0.38	0.23	0.44	0.42	
1968	0.34	0.71	0.18	0.23	0.51	0.58	0.47	0.65	0.24	0.46	0.42	0.28	0.39	
1969	0.34	0.3	0.35	0.21	0.32	0.34	0.69	0.63	0.75	0.91	0.43	0.3	0.74	
1970	0.4	0.83	0.61	0.42	0.25	0.5	0.66	0.36	0.67	0.59	0.49	0.49	0.54	
1971	0.39	0.74	0.55	0.42	0.26	0.63	0.48	0.72	0.87	0.82	0.69	0.56	0.33	
1972	0.38	0.63	0.92	0.38	0.25	0.57	0.27	0.49	0.76	0.86	0.29	0.57	0.42	
1973	0.38	0.32	0.5	0.28	0.53	0.43	0.53	0.65	0.71	0.9	0.75	0.32	0.34	
1974	0.31	0.19	0.45	0.22	0.32	0.27	0.65	0.71	0.84	0.88	0.74	0.3	0.74	
1975	0.32	0.29	0.42	0.33	0.19	0.53	0.49	0.64	0.09	0.46	0.71	0.63	0.38	
1976	0.4	0.75	0.37	0.3	0.44	0.44	0.62	0.33	0.77	0.44	0.61	0.45	0.78	
1977	0.32	0.92	0.87	0.15	0.53	0.63	0.71	0.54	0.18	0.26	0.37	0.41	0.43	
1978	0.38	0.74	0.82	0.35	0.32	0.55	0.53	0.75	0.78	0.31	0.42	0.48	0.61	
1979	0.35	0.48	0.61	0.27	0.36	0.56	0.69	0.68	0.75	0.88	0.37	0.28	0.28	
1980	0.4	0.54	0.97	0.18	0.49	0.61	0.6	0.74	0.62	0.36	0.45	0.78	0.37	
1981	0.36	0.9	0.12	0.53	0.58	0.4	0.61	0.78	0.55	0.29	0.29	0.52	0.57	
1982	0.33	0.64	0.92	0.2	0.28	0.65	0.32	0.72	0.57	0.44	0.66	0.28	0.32	
1983	0.49	0.68	0.46	0.42	0.49	0.58	0.47	0.72	0.62	0.22	0.48	0.48	0.5	
1984	0.32	0.93	0.17	0.3	0.52	0.54	0.29	0.67	0.75	0.5	0.61	0.33	0.27	
1985	0.34	0.52	0.18	0.33	0.34	0.48	0.56	0.66	0.24	0.39	0.34	0.36	0.58	
1986	0.34	0.47	0.75	0.19	0.59	0.27	0.53	0.69	0.34	0.18	0.36	0.63	0.67	
1987	0.39	0.79	0.91	0.26	0.44	0.7	0.53	0.26	0.38	0.85	0.33	0.3	0.4	
1988	0.36	0.38	0.42	0.24	0.55	0.46	0.72	0.58	0.42	0.61	0.18	0.27	0.37	
1989	0.38	0.42	0.56	0.19	0.46	0.71	0.44	0.75	0.65	0.67	0.58	0.21	0.71	
1990	0.35	0.25	0.45	0.29	0.55	0.37	0.6	0.57	0.71	0.63	0.21	0.27	0.44	
1991	0.36	0.47	0.32	0.28	0.41	0.48	0.62	0.26	0.4	0.63	0.34	0.37	0.37	
1992	0.41	0.53	0.69	0.3	0.47	0.45	0.54	0.35	0.34	0.41	0.51	0.28	0.55	
1993	0.35	0.25	0.63	0.27	0.28	0.68	0.25	0.62	0.63	0.36	0.36	0.56	0.51	
1994	0.4	0.53	0.29	0.28	0.41	0.54	0.37	0.35	0.69	0.65	0.53	0.36	0.43	
1995	0.32	0.19	0.77	0.21	0.45	0.62	0.31	0.67	0.19	0.88	0.41	0.28	0.56	
1996	0.39	0.2	0.28	0.49	0.41	0.61	0.47	0.66	0.68	0.28	0.37	0.44	0.45	
1997	0.38	0.28	0.25	0.29	0.58	0.48	0.61	0.62	0.36	0.68	0.54	0.38	0.67	
1998	0.4	0.25	0.46	0.39	0.59	0.62	0.75	0.73	0.62	0.72	0.51	0.68	0.57	
1999	0.43	0.19	0.41	0.58	0.57	0.48	0.61	0.4	0.55	0.51	0.44	0.36	0.47	
2000	0.34	0.46	0.25	0.59	0.51	0.18	0.17	0.5	0.51	0.36	0.7	0.26	0.43	
2001	0.41	0.78	0.3	0.51	0.32	0.34	0.49	0.63	0.45	0.4	0.23	0.59	0.44	
2002	0.49	0.75	0.34	0.46	0.48	0.52	0.47	0.74	0.66	0.71	0.57	0.64	0.38	
2003	0.4	0.64	0.63	0.21	0.56	0.43	0.57	0.58	0.16	0.27	0.3	0.39	0.51	
2004	0.38	0.58	0.62	0.22	0.57	0.33	0.6	0.68	0.76	0.75	0.55	0.39	0.16	
	0.37	0.55	0.53	0.32	0.43	0.49	0.52	0.57	0.56	0.55	0.46	0.41	0.47	Average 1960 - 2004
	0.37	0.55	0.52	0.32	0.43	0.49	0.52	0.57	0.56	0.55	0.46	0.41	0.47	Average1960 - 2004
	0.37	0.57	0.56	0.29	0.41	0.50	0.51	0.57	0.56	0.56	0.46	0.40	0.47	Average 1960 - 1995

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12
1960	264.55	7.78	7.64	15.08	161.88	54.11	11.37	1.32	0.68	0.37	0.51	2.74	1.06
1961	129.82	0.47	19.96	47.5	10.17	15.36	5.63	4	1.16	1.62	0.84	8.2	14.92
1962	164.06	0.08	0.16	93.75	38.27	5.7	1.39	0.61	0.32	0.61	1.74	7.23	14.25
1963	171.4	1.04	0.58	111.94	29.37	16.82	2.77	1.1	0.99	0.47	1.33	4.16	1.83
1964	166.25	19.87	6.45	52.82	30.05	7.6	1.15	2.15	10.35	2.19	1.91	3.94	27.55
1965	377	5.12	69.16	38.3	109.53	17.77	1.55	1.85	3	2.68	45.4	25.69	57.15
1966	245.3	22.47	44.52	60.88	21.45	11.75	20.66	0.9	0.7	1.06	1.32	11.64	47.73
1967	356.1	27.44	11.93	53.67	73.23	8.92	29.49	11.39	2.35	3.37	31.2	46.95	46.18
1968	320.42	7.88	88.04	80.67	19.99	8.42	4.62	1.82	17.13	7.48	15.42	32.62	37.54
1969	330.56	46.48	38.4	67.38	98.79	46.5	4.64	2.5	0.79	0.15	2.68	15.25	4.8
1970	180.79	1.99	6.02	17.5	106.98	12.85	2.22	6.16	1.43	2.21	6.1	10.08	17.25
1971	186.91	4.87	9.3	38.88	115.01	5.6	5.55	1.27	0.44	0.5	0.91	1.52	13.06
1972	248.52	12.45	1.25	33.23	126.38	9.08	10.96	6.25	0.92	0.61	8.44	5.49	29.29
1973	253.01	67.58	14.75	93.39	20.13	18.9	7.22	1.9	1.18	0.25	0.79	10.13	15.81
1974	269.75	52.84	16.32	79.28	61.34	60.19	4.28	1.34	0.41	0.26	0.63	10.03	2.62
1975	279.02	25.44	20.02	56.45	120.04	12.71	7.3	1.88	54.67	22.08	1.98	9.58	41.66
1976	337.34	7.93	66.36	175.46	35.92	24.28	2.43	9.58	0.97	4.14	5.87	10.6	3.44
1977	262.09	0.88	1.26	177.98	29.79	2.94	0.99	1.61	20.58	25.03	39.91	29.51	29.59
1978	230.25	5.49	2.72	28.44	141.1	12.43	5.75	0.81	0.58	7.22	9.97	8.14	7.58
1979	265.58	15.87	2.15	147.38	90.95	10.79	2.33	1.35	0.79	0.27	9.61	30.95	54.17
1980	217.42	10.71	5.33	90.72	53.82	10.99	3.99	1.27	1.69	5.1	10.91	3.54	24.35
1981	271.45	1.25	125.3	23.32	13.2	17.34	3.55	0.85	2.2	14.95	40.94	16.84	11.6
1982	283.76	6.31	0.52	76.23	125.08	4.5	16.45	1.92	2.73	4.28	3.02	44.11	73.59
1983	179.31	9.67	19.98	14.5	23.09	37.61	9.28	1.1	1.65	11.47	33.63	15.72	24.81
1984	320	1.31	127.84	53.77	22.31	6.61	18.03	2.14	0.75	3.35	2.77	28.01	52.9
1985	434.27	15.83	62.3	132.68	92.69	13.82	1.18	2.1	10	13.21	21.28	49.61	16.58
1986	438.38	23.66	4.62	135.98	17.85	21.17	7.67	2.42	8.69	116.89	76.93	10.33	12.16
1987	236.78	4.57	1.01	91.78	31.11	2.58	3.59	16.05	7.79	0.62	8.6	35.74	45.37
1988	261.4	19.54	26.06	82.52	20.23	10.92	1.23	1.28	1.13	28.04	42.29	26.98	
1989	180.72	28.79	8.23	67.67	31.06	5.11	11.12	0.63	1.08	1.02	2.16	28.55	4.09
1990	367.32	55.92	28.95	65.1	17.52	15.48	3.98	2.86	0.98	1.58	54.4	66.85	53.71
1991	338.49	19.36	32.63	124.09	66.04	12.25	3.34	12.11	5.27	0.47	9.06	13.87	41
1992	358.29	23.57	10.18	76.37	44.69	17.62	4.25	11.53	24.45	21.99	14.53	84.42	22.68
1993	264.3	71.54	2.58	27.41	85.13	5.28	27.11	2.95	0.55	5.4	14.22	8.5	13.31
1994	210.48	6.9	25.19	54.12	53.73	18.7	4.55	8.24	1.72	1.31	3.54	14.98	20.5
1995	266.22	63.18	2.92	80.24	24.89	9.18	16.16	2.16	19.18	0.4	5.41	58.68	13.84
1996	364.25	68.77	44.88	26.47	57.3	36.85	18.38	2.91	1.27	8.58	15.35	31.39	43.1
1997	355.1	52.3	101.57	94.41	24.85	21.21	4.62	2.79	6.85	4.55	8.99	20.08	9.76
1998	181.17	76.29	20.71	58.39	13.14	3.9	1.03	0.57	0.68	0.3	1.09	0.81	2.27
1999	115.39	26.74	29.97	13.68	12.2	5.62	1.92	2.35	0.57	0.5	1.73	7.95	12.05
2000	226.91	15.4	29.62	14.14	14.66	83.26	63.81	13.45	7.29	13.52	4.15	33.96	33.5
2001	349.31	12.02	108.48	33.68	66.46	14.2	8.39	1.67	1.96	3.32	45.59	16.74	36.8
2002	183.2	11.38	52.08	47.35	30.55	18.43	10.58	1.26	1.14	0.49	1.17	1.55	7.24
2003	292.66	5.84	8.12	84.58	20.01	24.53	7.44	3.56	15.54	4.43	29.33	53.6	35.68
2004	308.46	16.75	5.07	136.01	19.43	46.97	7.56	9.03	1.61	1.14	2.7	13.77	42.52
	279.63	22.19	28.83	70.52	53.56	18.49	8.79	3.71	5.47	7.16	13.36	22.13	25.51	Average 1960 - 2004
	279.63	22.19	28.83	70.52	53.56	18.49	8.79	3.71	5.47	7.16	13.36	22.13	25.51	Average1960 - 2004
	280.98	19.65	24.91	73.93	59.76	15.91	7.55	3.60	5.82	7.93	13.70	22.52	25.69	Average 1960 - 1995

Ri

Year	Year Ri	1	2	3	4	5	6	7	8	9	10	11	12
1960	0.32	0.12	0.1	0.36	1.75	0.44	0.13	0.04	0.02	0.02	0.01	0.02	0.03
1961	0.15	0.02	0.52	0.73	0.15	0.21	0.04	0.04	0.01	0.02	0.02	0.1	0.15
1962	0.25	0	0	11.65	0.78	0.2	0.02	0.01	0.01	0.01	0.02	0.15	0.2
1963	0.25	0.05	0.03	2.12	0.49	0.21	0.05	0.02	0.01	0.01	0.05	0.03	0.03
1964	0.18	0.3	0.17	0.64	0.42	0.08	0.03	0.02	0.05	0.04	0.06	0.09	0.34
1965	0.37	0.07	1.01	1.36	1.87	0.27	0.06	0.02	0.03	0.02	0.33	0.27	0.53
1966	0.27	0.55	0.73	0.7	0.35	0.17	0.25	0.08	0.01	0.01	0.03	0.08	0.43
1967	0.34	0.63	0.26	1.85	0.67	0.2	0.16	0.17	0.02	0.04	0.28	0.4	0.44
1968	0.3	0.11	1.11	1.5	0.41	0.14	0.05	0.01	0.1	0.06	0.23	0.28	0.35
1969	0.35	0.54	1.39	1.47	0.87	0.38	0.06	0.03	0.02	0	0.02	0.1	0.08
1970	0.21	0.06	0.21	0.31	1.44	0.17	0.05	0.04	0.03	0.02	0.08	0.16	0.2
1971	0.25	0.08	0.11	0.72	3.23	0.24	0.06	0.01	0	0.01	0.02	0.03	0.12
1972	0.27	0.17	0.02	0.5	2.62	0.19	0.09	0.14	0.01	0.01	0.07	0.13	0.24
1973	0.28	1.3	0.27	0.86	0.43	0.18	0.09	0.03	0.02	0.01	0.01	0.08	0.21
1974	0.32	0.68	0.26	1.22	0.57	0.42	0.06	0.03	0.01	0	0.02	0.07	0.05
1975	0.34	0.27	0.25	0.87	1.71	0.18	0.08	0.02	0.23	0.25	0.12	0.11	0.42
1976	0.33	0.1	0.93	1.8	0.37	0.28	0.03	0.09	0.01	0.04	0.07	0.14	0.07
1977	0.36	0.03	0.02	2.48	0.48	0.12	0.01	0.03	0.1	0.16	0.59	0.38	0.5
1978	0.28	0.07	0.35	0.68	3.27	0.19	0.1	0.02	0.01	0.04	0.14	0.11	0.07
1979	0.4	0.35	0.08	2.01	0.92	0.15	0.04	0.02	0.01	0.01	0.05	0.23	0.8
1980	0.24	0.23	0.01	1.26	0.52	0.18	0.04	0.02	0.03	0.05	0.1	0.06	0.28
1981	0.28	0.06	2.08	0.47	0.19	0.24	0.05	0.01	0.03	0.12	0.28	0.28	0.23
1982	0.37	0.13	0.03	1.08	1.96	0.07	0.18	0.03	0.02	0.04	0.06	0.32	0.73
1983	0.18	0.27	0.55	0.34	0.23	0.23	0.1	0.03	0.01	0.08	0.12	0.17	0.18
1984	0.35	0.03	2.44	0.81	0.4	0.07	0.16	0.05	0.01	0.03	0.05	0.27	0.41

1968	136.05	40.38	1.03	53.45	0	0	0	0	0	0	0	0	0	5.41	25.78		
1969	258.18	114.78	14.26	32.14	5.82	0	0	0	0	0	0	0	41.4	49.56			
2000	107.49	38.62	38.95	11.65	14.48	0	0	0	0	0	0	0	72.79	162			
2001	224.09	41.16	43.64	40.73	6.25	0	0	0	0	0	0	0	9.42	6.31	78.58		
2002	258.4	58.44	45.33	37.7	13.64	1.38	0	0	0	0	0	0	1.31	41.72	58.98		
2003	274.62	103.9	49.11	30.74	6.63	0	0	0	0	0	0	0	0.84	34.63	48.92		
2004	289.68	121.89	20.01	31.96	2.52	0	0	0	0	0	0	0	0	13.49	89.81		
	236.46	65.43	39.42	29.90	8.36	0.38	0.00	0.00	0.00	0.00	0.00	3.27	26.26	64.33	Average 1962 - 2004		
	239.17	67.07	38.89	29.27	7.70	0.18	0.00	0.00	0.00	0.00	0.00	3.29	26.67	66.09	Average1968 - 2004		
	235.62	66.05	40.90	28.16	7.85	0.18	0.00	0.00	0.00	0.00	0.00	3.67	25.70	64.58	Average 1968 - 1987		

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1968	515.84	33.23	155.24	121.54	43.31	29.1	13.92	5.2	20.85	12.03	24.92	45.38	61.1				
1969	479.98	54.35	43.5	76.7	151.51	75.5	18.22	7.32	3.29	1.51	4.82	23.54	18.72				
1970	297.24	11.28	14.4	24.38	131.83	27.22	7.94	11.79	5.04	4.66	9.07	17.23	32.39				
1971	102.27	19.09	25.79	64.85	100.47	16.62	12.2	4.91	3.1	2.71	2.12	3.7	16.81				
1972	411.75	25.4	15.12	47.31	167.78	22.58	24.75	13.66	3.91	2.5	12.96	21.87	53.71				
1973	430.68	90.34	30.58	143.11	50.88	43.24	18.61	4.79	3.43	1.33	2.47	16.31	25.54				
1974	457.8	73.85	32.93	115.4	95.38	89.35	14.62	5.61	1.85	1.23	2.66	15.09	9.93				
1975	573.64	24.94	34.1	79.12	150.24	27.31	13.45	6.34	70.89	40.63	22.13	25.9	68.39				
1976	611.88	42.46	82.34	262.65	69.18	48	7.34	19.68	4.77	9.74	14.68	20.56	19.74				
1977	541.75	12.69	12.58	207.26	48.6	10.7	8.49	4.63	30.77	36.08	64.94	53.91	55.1				
1978	364.18	26.41	17.87	48.21	164.84	30.23	14.43	6.53	2.46	7.23	13.64	14.11	20.22				
1979	547.97	21.99	13.73	163.7	138.57	34.34	9.28	4.95	3.14	1.91	9.94	40.86	74.56				
1980	379.9	22.28	9.62	96.75	101.15	23.98	11.91	6.74	6.65	10.32	25.7	17.53	27.95				
1981	283.29	10.64	112.76	55.92	32.18	29.34	9.58	3.79	4.49	18.93	52.66	36.31	26.69				
1982	635.39	16.85	8.78	105.08	260.1	13.88	27.38	7.18	6.67	8.22	6.5	66.07	106.68				
1983	356.72	32.42	38.42	39.98	47.85	49.81	18.16	4.22	4.1	10.8	21.32	24	55.63				
1984	475.06	24.49	146.87	76.45	49.4	15.42	23.6	7.13	3.04	5.88	6.86	38.65	74.9				
1985	684.36	36.18	73.66	196.4	142.78	26.98	12.87	6.96	9.92	20.93	41.37	85.15	40.96				
1986	665.17	57.17	24.08	176.62	48.39	34.75	15.36	7.15	6.76	115.44	109.79	31.16	38.87				
1987	390.48	26.12	14.96	117.58	57.4	10.55	8.95	11.79	9.22	4.05	10.9	45.17	73.79				
1988	424.94	31.95	45.29	121.24	49.18	23.87	5.24	3.05	3.8	3.07	30.43	65.86	41.94				
1989	350.91	58.34	21.02	90.72	61.82	19.23	20.08	3.79	3.52	3.57	6.41	64.3	18.11				
1990	587.25	78.6	55.13	97.42	40.66	27.4	12.5	6.58	3.58	4.94	65	89.26	109.18				
1991	509.29	31.41	45.01	171.97	113.74	26.31	9.28	13.04	10.39	3.49	11.6	17.61	55.44				
1992	617.74	51.18	22.99	109.65	80.6	36.65	10.95	13.64	42.25	34.57	25.17	124.11	53.08				
1993	435.76	90.08	16.13	44.86	113.94	18.17	30.73	9.28	4.28	11.61	34.23	27.88	34.59				
1994	330.46	16.85	34.16	68.72	70.93	36.29	11.71	9.36	6.4	3.88	9.55	35.9	38.64				
1995	456.08	78.32	16.92	100.34	45.45	22.51	18.09	9.18	26.69	3.86	11.68	87.11	35.93				
1996	647.22	84.72	65.44	52.57	90.26	60.64	27.41	8.9	3.85	10.54	20.09	50.57	73.03				
1997	517.03	77.61	114.66	126.52	53.83	38.92	11.64	5.31	7.49	13.5	12.76	32.22	22.26				
1998	263.54	83.14	35.11	91.33	29.99	9.74	3.53	1.57	0.98	0.37	0.7	1.33	4.35				
1999	177.11	29.02	38.76	27.74	26.14	9.55	4.87	3.5	0.65	0.5	6.47	11.2	18.21				
2000	422.1	23.64	58.5	37.74	25.58	63.59	58.68	23.19	11.59	17.44	12	40.16	47.99				
2001	516.61	52.42	134.65	60.23	79.38	21.66	16.28	4.93	3.41	4.51	40.38	37.39	60.37				
2002	308.5	45.49	63.22	75.76	49.63	33.5	19.01	5.31	2.29	0.74	3.47	3.65	9.23				
2003	518.09	17.75	29.96	125.84	31.23	55.23	23.14	9.68	23.09	6.93	43.64	85.27	68.33				
2004	513.12	52	45.44	183.2	39.99	61.5	20.59	17.68	5.32	5.35	6.8	25.33	49.92				
	460.37	42.95	46.52	103.51	84.02	33.08	16.00	8.01	9.85	12.03	21.48	38.42	44.49	Average 1962 - 2004			
	460.37	42.95	46.52	103.51	84.02	33.08	16.00	8.01	9.85	12.03	21.48	38.42	44.49	Average1968 - 2004			
	477.18	42.81	43.81	107.60	84.21	32.30	14.63	7.69	10.17	13.64	22.87	40.58	46.26	Average 1968 - 1987			

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1968	176.64	21.86	23.92	28.31	22.42	15.74	6.65	1.74	2.38	5.14	10.11	13.28	25.09				
1969	185.9	22.99	22.68	20.34	52.52	27.75	11.66	4.01	1.59	1.5	1.73	6.14	12.96				
1970	113.29	8.2	8.4	11.06	31.88	14.87	3.77	2.4	2.13	1.74	3.68	7.6	17.55				
1971	122.25	13.4	12.25	29.25	42.08	9.45	5.53	2.09	1.53	0.88	0.68	1.02	6.09				
1972	146.87	11.31	12.9	19	62.33	12.48	6.11	4.51	2.57	1.73	1.84	11.87	18.24				
1973	147.06	30.4	14.82	39.94	21.87	15.65	7.47	2.27	1.39	1.2	1.24	3.51	7				
1974	135.94	14.54	14.07	26.65	31.76	24.27	7.35	3.27	1.33	0.9	1.16	3.28	7.36				
1975	182.53	9.68	12.4	27.08	28.01	13.35	5.08	3.46	5.9	19.44	13.91	16.29	26.93				
1976	248.62	30.93	38.58	76.28	32	20.46	2.26	5.74	2.91	2.84	7.61	10.72	15.18				
1977	188.04	11.48	9.69	35.83	25.78	6.75	2.25	2.69	6.12	10.38	24.72	24.29	26.06				
1978	153.38	19.94	14.64	17.38	42.07	16.58	7.68	3.03	1.97	2.48	6.5	7.34	13.56				
1979	194.06	16.03	11.29	51.75	49.07	20.28	6.01	2.52	2.04	1.27	3.39	11.41	19				
1980	149.25	12.01	8.82	18.23	45.25	7.12	4.53	5.64	4.8	4.65	10.46	13.76	13.96				
1981	143.22	9.16	14.51	29.95	17.91	5.13	5.77	2.38	2.43	6.02	16.31	19.62	14.03				
1982	168.7	11.19	7.91	20.78	70.41	6.02	7.59	4.8	3.41	3.5	4.02	18.96	28.91				
1983	171.7	22.24	18.05	24.53	21.55	14.98	8.62	1.98	1.21	2.16	10.03	17.3	29.05				
1984	163.25	21.91	28.93	27	24.63	7.03	8.23	4.67	2.32	3.35	4.34	12.09	18.84				
1985	271.79	21.4	17.45	71.87	51.63	12.98	7.17	4	3.14	8.89	15.13	32.38	25.64				
1986	243.62	24.76	17.26	34.74	27.03	8	9.51	5.04	3.02	29.11	43.57	19.31	26.25				
1987	161.37	20.92	12	31.81	24.72	8.09	4.69	4.86	4.33	3.4	4.18	13.28	28.89				
1988	155.79	11.41	18.8	30.13	23.74	13.38	3.62	2.56	2.18	1.95	6.7	20.04	16.88				
1989	134.95	23.09	12.58	18.05	28.23	11.18	8.47	2.79	2.27	2.35	3.77	9.77	12.39				
1990	214.68	21.18	26.25	30.35	20.82	7.94	7.08	6.02	2.54	2.61	16.75	29.9	45.04				
1991	187.42	16.27	15.24	48.31	48.01	9.54	6.14	4.05	4.03	3	4.46	7.68	22.59				
1992	261.2	27.37	20.08	32.41	40.28	15.84	6.06	6.71	14.67	15.55	14.79	36.5	31.95				
1993	189.05	25.18	12.84	10.87	35.46	9.86	9.22	5.12	2.58	3.77	16.38	19.58	18.09				
1994	142.38	7.32	8.93	18.99	34.4	19.05	7.44	5.2	4.48	2.81	4.66	10.83	18.27				
1995	166	18.82	13.81	24.96	21.96	13.26	6.31	4.6	5.32	3.09	4.65	26.98	22.24				
1996	229.19	20.13	21.56	30.1	41.13	25.33	13.14	6.2	2.55	2.83	9.16	23.1	24.96				
1997	210.27	31.53	34.23	38.4	31.93	19.52	7.24	3.42	2.32	4.9	4.67	13.24	15.87				
1998	99.92	20.58	16.33	33.4	17.87	4.95	2.45	1.01	0.43	0.3	0.31	0.59	1.7				
1999	75.25	5.54	17.34	15.93	14.64	3.45	2.51	1.53	0.34	0.3	0.79	3.8	9.08				
2000	148.48	11.29	11.19	19.85	14.38	13.04	13.71	9.08	7.49	6.66	8.86	11.81	21.12				
2001	163.7	41.35	42.43	35.48	32.34	9.45	8.34	2.87	1.14	1.9	11.85	26.44	29.5				
2002	168.72	34.22	28.45	40.37	27.81	16.29	9.81	3.43	1.2	0.36	0	0.99	2.79				
2003	204.38	9.11	17.53	27.16	14.27	22.4	12.12	4.97	6	3.34	13.56	37.53	38.79				
2004	192.54	25.37	33.92	41.17	23.49	18.89	13.53	8.03	3.97	2.93	2.87	10.64	7.93				
	175.71	19.04	18.20	30.86	31.72	13.61	7.17	4.01	3.25	4.44	8.44	15.05	19.91	Average 1962 - 2004			
	175.71	19.04	18.20	30.86	31.72	13.61	7.17	4.01	3.25	4.44	8.44	15.05	19.91	Average1968 - 2004			
	178.94	18.57	16.87	30.66	34.30	13.73	6.76	3.91	3.52	4.95	9.15	15.51	20.93	Average 1968 - 1987			

BFI

Year	Year BFI	1	2	3	4	5	6	7	8	9	10	11	12

1968	0.34	0.66	0.23	0.23	0.52	0.54	0.48	0.33	0.11	0.43	0.41	0.29	0.41				
1969	0.39	0.42	0.53	0.26	0.35	0.37	0.64	0.55	0.48	0.99	0.36	0.26	0.69				
1970	0.38	0.73	0.58	0.45	0.24	0.55	0.47	0.2	0.42	0.37	0.41	0.45	0.54				
1971	0.38	0.7	0.47	0.45	0.28	0.57	0.45	0.43	0.49	0.32	0.32	0.28	0.24				
1972	0.36	0.44	0.85	0.4	0.25	0.55	0.25	0.48	0.66	0.69	0.14	0.54	0.34				
1973	0.34	0.34	0.48	0.28	0.43	0.36	0.4	0.47	0.41	0.9	0.5	0.22	0.27				
1974	0.3	0.2	0.43	0.23	0.33	0.27	0.5	0.58	0.68	0.73	0.47	0.22	0.74				
1975	0.32	0.28	0.39	0.34	0.19	0.49	0.38	0.55	0.08	0.48	0.63	0.63	0.39				
1976	0.41	0.72	0.42	0.3	0.48	0.43	0.31	0.29	0.61	0.29	0.52	0.52	0.77				
1977	0.35	0.9	0.77	0.17	0.53	0.63	0.5	0.58	0.2	0.29	0.41	0.45	0.47				
1978	0.42	0.76	0.82	0.36	0.26	0.55	0.55	0.67	0.8	0.34	0.48	0.52	0.67				
1979	0.35	0.5	0.82	0.28	0.35	0.58	0.65	0.51	0.65	0.66	0.34	0.28	0.25				
1980	0.4	0.54	0.92	0.18	0.45	0.3	0.38	0.84	0.7	0.45	0.41	0.79	0.37				
1981	0.36	0.86	0.13	0.54	0.56	0.17	0.6	0.63	0.54	0.32	0.31	0.54	0.53				
1982	0.31	0.59	0.9	0.2	0.27	0.43	0.28	0.67	0.54	0.43	0.63	0.29	0.37				
1983	0.48	0.68	0.47	0.61	0.45	0.3	0.47	0.47	0.3	0.2	0.47	0.51	0.52				
1984	0.34	0.89	0.2	0.34	0.5	0.45	0.35	0.65	0.76	0.55	0.63	0.31	0.25				
1985	0.34	0.59	0.24	0.27	0.36	0.48	0.56	0.57	0.22	0.42	0.27	0.38	0.63				
1986	0.37	0.43	0.72	0.2	0.56	0.23	0.62	0.7	0.45	0.21	0.41	0.62	0.68				
1987	0.41	0.8	0.8	0.27	0.43	0.77	0.52	0.41	0.47	0.89	0.38	0.28	0.38				
1988	0.37	0.36	0.42	0.25	0.48	0.56	0.69	0.68	0.57	0.64	0.22	0.38	0.4				
1989	0.38	0.4	0.6	0.2	0.46	0.58	0.42	0.74	0.64	0.66	0.59	0.22	0.68				
1990	0.37	0.27	0.48	0.31	0.51	0.29	0.57	0.61	0.71	0.53	0.26	0.33	0.42				
1991	0.37	0.52	0.34	0.28	0.4	0.36	0.66	0.31	0.39	0.36	0.38	0.44	0.41				
1992	0.42	0.53	0.61	0.3	0.48	0.43	0.55	0.49	0.35	0.45	0.59	0.29	0.4				
1993	0.39	0.28	0.8	0.24	0.31	0.54	0.3	0.55	0.6	0.32	0.48	0.7	0.52				
1994	0.43	0.43	0.26	0.28	0.48	0.52	0.64	0.56	0.68	0.73	0.49	0.42	0.5				
1995	0.36	0.24	0.82	0.25	0.48	0.58	0.35	0.5	0.2	0.8	0.4	0.31	0.62				
1996	0.42	0.24	0.33	0.57	0.46	0.42	0.48	0.7	0.66	0.27	0.41	0.46	0.49				
1997	0.41	0.4	0.3	0.31	0.59	0.5	0.62	0.64	0.31	0.36	0.52	0.41	0.71				
1998	0.38	0.25	0.46	0.37	0.4	0.51	0.69	0.64	0.44	0.81	0.44	0.44	0.39				
1999	0.42	0.19	0.45	0.57	0.56	0.36	0.52	0.44	0.52	0.4	0.12	0.34	0.5				
2000	0.35	0.48	0.19	0.53	0.56	0.21	0.23	0.39	0.65	0.38	0.74	0.29	0.44				
2001	0.47	0.77	0.31	0.59	0.41	0.46	0.51	0.6	0.34	0.42	0.29	0.71	0.49				
2002	0.55	0.75	0.45	0.53	0.56	0.58	0.52	0.65	0.52	0.49	0	0.27	0.3				
2003	0.39	0.51	0.58	0.22	0.48	0.41	0.52	0.51	0.28	0.48	0.31	0.44	0.54				
2004	0.38	0.49	0.75	0.22	0.59	0.31	0.66	0.45	0.75	0.55	0.42	0.41	0.16				
	0.39	0.52	0.52	0.34	0.46	0.45	0.49	0.54	0.49	0.52	0.41	0.41	0.48	Average 1962 - 2004			
	0.39	0.52	0.52	0.34	0.46	0.45	0.49	0.54	0.49	0.52	0.41	0.41	0.48	Average1968 - 2004			
	0.38	0.52	0.54	0.32	0.41	0.46	0.49	0.55	0.49	0.52	0.43	0.41	0.50	Average 1968 - 1987			

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12

1968	339.2	11.37	81.32	93.25	20.89	13.36	7.27	3.46	18.47	6.89	14.81	32.1	36.01
1969	293.08	31.36	20.61	56.54	98.99	47.75	6.56	3.31	1.7	0.31	3.09	17.4	5.76

1963	1022.9	26.9	38.3	38.8	106	175.7	30.7	30.6	140.2	113.5	69.8	96.2	116.2		
1964	947	44.6	50.9	66.9	27	94.2	92.8	45.2	90.4	102.4	47.4	107	148.2		
1965	1136.4	67.3	136.2	63.5	86.3	103.9	55	81.1	160.8	60.6	84.9	115.6	68.5		
1966	1034.3	47.2	44.4	60.8	64	82.7	107.5	67.1	66.5	278.3	158.7	34.3	72.8		
1967	879.2	49.1	12.9	62.7	61.9	39	64.5	127.1	127.5	73.1	97.1	139.5	60.9		
1968	915.1	42.8	66.4	45.8	84.1	52	9.9	88	56.6	128.4	136.9	131.5	73.7		
1969	905	45.8	28.3	32.7	61.9	108	71	13.7	114.6	121.3	95.6	199.5	61.7		
1970	1151.5	54.8	62.7	53.3	62.8	105.2	130.7	75.8	104.9	137.2	153.7	136.5	88.9		
1971	1112.6	48.2	50.7	94.8	127	95.4	32.3	185.7	110.5	66.1	124.7	100.1	77.5		
1972	1240.8	37.7	50.1	38.1	126.6	100.2	74.2	158	175.5	148.7	62.5	187.5	82.7		
1973	953.7	83.6	16.1	20.8	76	81.4	154.5	111.1	93.6	140	59.5	84.8	32.5		
1974	934.8	48.1	12.8	44.4	145.7	103.7	74.7	102.2	73.8	96.8	69.2	96.8	66.5		
1975	1061.2	78.2	40.8	53.5	100.2	81.5	77.3	95.9	101.1	53.7	142.7	190	46.3		
1976	1119	60.1	53.7	42.9	136.2	102	115.8	93.5	64.3	203.5	76.7	66.8	100.1		
1977	927.8	75.7	86	83	36.7	103.9	46.9	68.4	122	124.1	73.8	68.4	37.9		
1978	727.1	96	22.5	75.7	42.8	51.2	53.1	35	124.5	48.8	26	78	63.5		
1979	822.3	70	53.8	25.1	49.9	67.1	100	65.1	65.9	83.9	69.6	98.3	73.6		
1980	1138.8	36.4	47.8	40.9	58	151.8	180.6	147.6	109.8	133.9	32	98.3	88.9		
2001	1027.1	38.5	97.9	37.9	49.7	123	78.9	51.1	101.2	109.9	156.6	107.1	75.2		
2002	854.3	28.5	95.4	52.2	100.1	67.4	94.9	88.1	49.8	64.9	63.1	76.2	54.7		
2003	931.2	41	40.1	38.7	31.6	113.3	54.4	59.8	110.1	107.6	91.9	166.7	76		
2004	966.4	59.9	22.8	85.2	57	158.3	91.8	112.1	83.7	42.6	67.2	92.6	93.2		
	607.40	48.95	47.21	53.13	73.87	85.67	81.95	80.08	106.21	101.81	81.19	103.85	73.46	Average 1960 - 2004	
	607.40	48.95	47.21	53.13	73.87	85.67	81.95	80.08	106.21	101.81	81.19	103.85	73.46	Average1960 - 2004	
	936.87	48.88	47.94	52.72	76.25	83.34	82.36	79.81	106.65	103.05	81.27	102.65	73.94	Average 1960 - 2002	

Distributed Snowfall Loss

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	187.7	51.9	53.3	22.7	7.6	0	0	0	0	0	2.5	11.5	38.2	
1961	151.1	20.5	7.6	25.3	19	3.8	0	0	0	0	22.8	52.1		
1962	186.7	57.2	41.8	2.6	5.1	0	0	0	0	0	7.6	10.1	62.3	
1963	163.3	42	23.6	12.7	5	0	0	0	0	0	5.1	74.9		
1964	171.5	30.4	33.1	44.5	3.8	0	0	0	0	0	3.8	19	36.9	
1965	191.7	58.8	58.7	23	16.4	0	0	0	0	0	7.6	10.1	15.1	
1966	240.6	66	38.3	26.7	15.2	1.3	0	0	0	0	0	21.3	61.7	
1967	228.7	60.1	44.1	26.8	10.1	0	0	0	0	0	0	52.2	35	
1968	223.1	47.1	29.3	34.1	1	0	0	0	0	0	0	26.5	83.1	
1969	229.7	53.9	36.1	22.4	0	0	0	0	0	0	18.1	38.7	63.5	
1970	226.6	35.4	32	28.5	8.9	0	0	0	0	0	0	22.6	99	
1971	258.7	80.2	51.2	51.3	7	0	0	0	0	0	0	22.7	38.3	
1972	267.1	60	63.1	29.4	15.4	0	0	0	0	0	5	26	68.2	
1973	158.3	32.9	34.5	18.4	2.9	0	0	0	0	0	8.2	61.5		
1974	166.9	26.2	26.8	35.6	1.2	0	0	0	0	0	1.4	21.7	54	
1975	265.4	60.6	58.5	29.7	31.1	0	0	0	0	0	16.2	69.3		
1976	247.6	79.7	21.4	32.6	7.4	0	0	0	0	0	11.4	32	63.1	
1977	166.3	55.1	26.1	5.9	1.4	0	0	0	0	0	0	11.6	66.2	
1978	172.6	75	14.5	14	2	0	0	0	0	0	0	9.5	57.6	
1979	102	18.7	10.5	8.4	18.4	0	0	0	0	0	0	6.9	16.1	
1980	202.2	32.4	40.5	36.2	0.2	0	0	0	0	0	1.1	24.5	67.3	
1981	152.3	25.4	23.8	26.9	0	0	0	0	0	0	20.7	6.8	48.7	
1982	158.9	63	25.5	20	9.3	0	0	0	0	0	0.7	9.2	22.2	
1983	202.2	14.3	8.6	14	1.8	0	0	0	0	0	0	43.8	119.8	
1984	177	68.8	20.4	36.8	0	0	0	0	0	0	0	0	51	
1985	335.2	97.8	106.6	23	13	0	0	0	0	0	0	3	83.8	
1986	185.2	47	37	17	11	0	0	0	0	0	0	22	31.2	
1987	184.7	51.8	15	25.8	7.4	0	0	0	0	0	3.5	42.5	39.1	
1988	192	22	70.9	20.8	1.8	0	0	0	0	0	0.4	4.2	71.9	
1989	192.5	24.1	40.5	20.4	16.8	3	0	0	0	0	2.9	26.9	58.9	
1990	140.8	30.2	23.5	12.7	3	1.2	0	0	0	0	0	21.4	48.8	
1991	236.5	70.5	51.3	17.5	6.1	0	0	0	0	0	0	24.8	69.3	
1992	166.5	34.8	29.1	14.8	3.2	0	0	0	0	0	4.3	17	66.2	
1993	163.5	57.9	30.7	22.3	1.7	0	0	0	0	0	1.8	19.5	29.6	
1994	171.6	48.5	25.3	28.6	7.3	0	0	0	0	0	0	18.9	43	
1995	267.1	73.9	53.7	18.5	8.2	0	0	0	0	0	0	68.6	64	
1996	235.2	44.5	25.2	47.8	8	0	0	0	0	0	0	35.8	63.9	
1997	226.2	78.7	20.1	60.9	4	0	0	0	0	0	17.8	16.7	28	
1998	124.9	28.5	1.3	48.8	0	0	0	0	0	0	0	4.7	30.6	
1999	223.7	87.4	13.9	28.1	3.2	0	0	0	0	0	0	28.5	51.6	
2000	280.4	34	32.8	11.2	13	0	0	0	0	0	0	53.4	136	
2001	200	26.1	37.6	43	5.4	0	0	0	0	0	8.9	4.6	63	
2002	127.7	49	37.9	34.4	10.5	1.2	0	0	0	0	0	28.8	54.9	
2003	226.1	75.7	35.2	26.7	6.4	0	0	0	0	0	0	37.3	44.8	
2004	260	106.8	18.2	30.8	3.1	0	0	0	0	0	0	10.1	91	
	201.08	52.02	34.18	26.66	7.21	0.23	0.00	0.00	0.00	0.00	2.66	22.51	57.62	Average 1960 - 2004
	201.08	52.02	34.18	26.66	7.21	0.23	0.00	0.00	0.00	0.00	2.66	22.51	57.62	Average1960 - 2004
	201.23	50.22	34.51	26.56	7.32	0.24	0.00	0.00	0.00	0.00	2.78	22.46	57.14	Average 1960 - 2002

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	284.99	28.61	15.75	47.74	200.64	67.12	8.89	0.82	0.41	0.64	0.53	2.62	1.02	
1961	213.8	3.62	14.92	49.48	33.29	21.64	9.41	22.9	3.66	3.09	1.15	15.28	38.36	
1962	207.7	12.42	5.33	112.08	49.4	5.06	3.47	2.32	1.27	1.18	1.44	4.61	9.12	
1963	163.27	3.62	2.47	96.57	39.16	24.41	4.89	1.27	1.1	1.05	1.82	3.38	1.73	
1964	233.84	16.87	8.62	83.47	56.06	12.74	1.64	0.85	11.58	2.51	4.65	3.58	31.29	
1965	553.33	13.08	84.54	40.02	117.12	26.28	1.77	2.32	11.59	7.42	89.76	58.98	98.45	
1966	324.28	21.53	33.99	86.5	41.46	16.58	29.75	1.84	1.15	2.03	1.54	14.88	73.02	
1967	543.02	54.74	14.55	85.2	98.52	14.37	44.38	23.66	3.51	6.71	49.26	79.14	68.78	
1968	441.73	12.83	87.31	102.85	33.7	13.04	3	2.47	23.25	16.29	49.77	60.61	45.61	
1969	407.6	42.59	33.1	95.69	155.35	57.14	6.25	2.03	1.93	3.6	2.65	14.05	8.22	
1970	252.87	4.38	6.14	16.42	156.73	15.84	3.78	6.01	1.36	1.35	3.45	10.13	26.48	
1971	263.58	9.41	8.87	46.41	169.32	7.7	3.53	1.88	1.49	1.37	1.47	1.9	10.54	
1972	367.76	13.49	6.08	31.27	214.51	11.31	4.45	5.47	1.7	1.75	9.75	18.28	49.72	
1973	360.84	75.75	24.02	144.04	32.88	16.23	6.89	2.34	1.03	1.58	1.63	14.27	35.1	
1974	414.62	70.29	22.77	106.25	108.88	87.38	6.45	1.49	0.94	0.75	1.04	5.99	3.18	
1975	477.84	25.14	22.56	68.13	142.25	14.22	5.79	1.63	48.26	38.24	19.5	27.08	88.09	
1976	486.93	14.17	73.6	224.7	62.03	27.52	5.31	14.48	2.27	5.85	61.43	22.65	10.84	
1977	428.52	4.95	3.93	182.07	30.77	3.68	2.97	2.6	14.97	36.07	52.45	45.29	48.76	
1978	243.86	15.95	7.72	41.96	189.71	22.29	9.1	1.7	1.17	10.08	11.22	12.3	19.88	
1979	555.79	52.55	6.11	204.54	135.14	17.54	2.18	2.26	1.18	1.39	4.18	48.63	82.09	
1980	284.52	24.71	3.93	106.32	74.39	11.58	3.62	1.88	1.15	1.54	9.27	9.86	38.15	
1981	312.56	5.54	124.13	31.32	19.36	14.73	2.8	1.14	2.46	10.39	52.8	26.7	19.19	
1982	495.8	7.88	2.45	94.96	115.41	6.57	27.83	4.31	6.88	7.46	7.39	92.81	111.85	
1983	293.98	20.53	29.73	36.43	36.71	56.74	12.1	1.31	1.57	11.28	17.77	33.01	36.8	
1984	383.76	9.82	145.48	72.31	34.39	7.78	9.03	2.04	1.27	2.27	2.24	25.79	71.24	
1985	633.94	17.79	78.05	165.2	108.66	11.17	6.91	2.92	8.51	12.04	20.83	76.1	126.36	
1986	616.26	41.12	10.17	154.42	28.27	21.87	8.03	1.47	13.66	205.03	92.41	19.08	23.14	
1987	315.69	17.02	5.83	101.63	43.86	5.14	4.85	12.37	4.69	1.09	9.33	47.21	64.47	
1988	321.98	28.37	32.28	102.66	35.54	17.66	1.55	1.01	0.87	2.41	17.35	50.9	31.19	
1989	252.86	41.63	14.29	95.71	57.94	11.08	6.84	0.68	1.14	1.32	1.62	24.25	6.73	
1990	334.54	56.82	95.76	95.55	30.91	16.05	7.64	3.11	2.48	4.51	81.9	65.73	90.79	
1991	446.92	20.49	41.48	163.1	117.27	18.35	3.57	7.19	3.74	1.04	6.53	16.04	48.13	
1992	615.11	42.49	14.88	110.62	90.95	45.07	3.01	15.3	49.29	34.09	23.26	147.46	54.49	
1993	414.92	96.22	7.18	56.37	108.91	9.66	53.55	5.32	1.66	6.27	19.33	22.08	26.75	
1994	287.41	9.3	30.47	74.37	68.49	34.28	8.32	9.78	3.18	1.8	1.87	12.25	28.09	
1995	422.54	84.34	8.81	88.64	34.67	18.93	14.86	1.67	21.25	1.96	9.29	101.21	30.89	
1996	553.98	93.4	75.3	88.26	109.94	56.63	23.33	7.14	4.05	12.98	18.59	38.9	71.37	
1997	526.53	61.42	113.27	117.7	62.48	28.84	9.91	16.62	13.77	29.53	23.34	91.46	22.39	
1998	263.09	85.11	33.22	88.58	22.63	7.82	6.86	1.7	3.6	2.65	6.43	2.94	3.77	
1999	153.05	9.18	85.08	24.88	20.98	7.05	4.83	8.94	2.48	2.43	3.33	11.07	22.8	
2000	427.05	20.58	38.1	32.23	31.72	66.15	110.83	16.58	13.4	18.67	7.37	26.98	26.03	
2001	468.91	17.84	112.31	60.31	66.94	26.73	21.77	9.48	4.71	4.53	28.14	31.24	55.83	
2002	294.54	21.73	70.91	73.08	50.18	28.8	14.33	5.53	2.15	2.27	2.84	4.69	8.03	
2003	416.19	7.28	4.7	105.35	34.53	34.66	13.58	12.54	17.23	7.28	30.45	83.88	69.69	
2004	443.83	28.89	8.24	170.04	30.39	67.89	15.61	22.31	12.42	8.67	11.35	19.92	47.9	
	392.41	30.60	35.30	91.38	77.83	25.37	12.62	6.35	7.38	11.94	17.97	34.39	41.27	Average 1960 - 2004
	392.41	30.60	35.30	91.38	77.83	25.37	12.62	6.35	7.38	11.94	17.97	34.39	41.27	Average1960 - 2004
	390.66	31.18	36.64	88.35	79.94	24.17	12.53	6.63	7.03	12.12	17.84	33.57	40.49	Average 1960 - 2002

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	105.23	21.94	17.6	9.35	36.95	15.36	1.57	0.47	0.31	0.3	0.17	0.45	0.76	
1961	54.8	0.62	0.9	13.27	16.92	3.17	0.81	1.57	2.69	1.45	0.62	2.46	11.32	
1962	49.38	4.52	2.96	9.2	21.91	2.8	1.15	0.83	0.83	0.64	0.36	1.01	3.17	
1963	38.34	2.55	1.82	5.14	13.47	9.59	1.18	0.35	0.5	0.6	0.49	1.39	1.26	
1964	54.21	2.46	4.51	19.04	11.37	4.87	0.65	0.31	0.93	0.88	0.7	1.6	6.89	
1965	122.21	6.04	8.46	7.87	23.55	9.4	0.64	0.75	1.4	1.4	14.24	23.72	25.64	
1966	84.79	7.23	5.9	24.57	20.53	6.42	3.2	0.91	0.62	0.92	1.03	3.02	10.44	
1967	140.4	9.27	8.61	10.45	27.07	6.15	6.34	8.74	1.96	1.49	10.14	20.69	19.54	
1968	98.25	6.77	8.32	15.27	11.24	1.76	0.79	1.42	2.83	4.8	10.62	11.15	17.18	
1969	103.9	11.04	12.16	12.88	34.98	14.31	3.79	1.02	1.56	2.01	1.91	3.06	5.79	
1970	63.46	3.31	3.27	5.27	23.86	6.31	2.58	2.6	0.52	0.49	1.45	3.14	10.46	
1971	69.17	6.07	6.66	15.68	30	3.87	1.46	0.62	0.75	0.9	1.01	1.26	3.09	
1972	92.93	5.94	5.26	9.3	33	5.26	1.13	2.6	1.25	1.2	2.05	8.82	17.12	
1973	94.02	18.52	7.78	30.47	14.41	9.51	2.49	0.87	0.43	0.97	1.24	2.33	4.77	
1974	83.75	8.9	6.98	15.11	25.38	17.98	3.78	0.75	0.39	0.3	0.49	1.38	2.39	
1975	101.08	4.7	5.83	16.12	17.25	5.82	1.54	0.69	2.31	9.12	9.98	11.46	19.26	
1976	140.17	12.1	20.28	52.28	20	12.62	1.13	1.32	0.91	1.55	3.69	6.69	7.29	
1977	92.15	4.38	3.64	16.14	12.62	2.18	1.15	0.89	1.65	3.6	15.88	12.83	16.99	
1978	90.45	12.05	6.05	8.77	34.35	7.66	3.29	0.83	0.33	1.2	3.21	3.3	9.41	
1979	110.53	7.1	2.64	42.65	27.94	7.02	1.16	0.85	0.51	0.51	1.28	4.72	14.15	
1980	76.36	8.27	3.22	13.54	29.52	5.43	1.88	1.01	0.7	0.6	1.62	5.46	7.88	
1981	74.05	4.39	10.17	15.55	9.02	4.57	1.08	0.65	0.63	1.97	9.71	8.79	7.52	
1982	111.43	4.18	1.94	9.66	32.3	3.65	4.44	1.78	1.46	1.33	4.25	19.76	26.68	
1983	106.36	10.62	7.9	17.17	16.14	14.53	4.58	0.51	0.31	0.99	5.27	12.29	16.05	
1984	80.08	7.36	15.33	16.29	14.76	3.68	3.16	1.18	0.62	0.98	1.38	5.92	11.44	
1985	162.7	8.19	5.97	46.58	29.11	3.94	2.39	0.67	0.63	3.04	4.93	21.62	35.43	
1986	146.3	12.72	7	22.68	15.25	4.36	3.63	0.65	0.61	23.46	30.32	10.64	14.58	
1987	84.79	10.84	4.16	19	15.19	3.36	1.6	1.65	0.92	0.53	1.07	6.61	19.86	
1988	81.28	5.73	10.08	15.64	18.48	6.03	0.76	0.32	0.46	0.65	2.25	14.12	8.47	
1989	63.94	11.89	5.24	9.12	20.84	5.78	2.48	0.17	0.31	0.3	0.49	3.29	3.83	
1990	143.1	10.75	15.07	18.12	14.48	4.78	3.63	0.96	0.88	1.76	34.32	23.79	10.57	
1991	113.99	9.83	9.51	23.88	26.96	5.29	1.35	0.61	0.65	0.61	1.53	3.5	10.37	
1992	167.12	16.72	8.58	16.63	30.59	10.95	1.16	2.05	8.22	10.77	9.58	24.75	24.41	
1993	96.27	16.87	5.94	5.71	25.4	6.41	5.8	2.24	0.72	1.35	5.03	9.51	11.99	
1994	92.18	2.93	7.13	16.62	25.69	17.63	3.93	2.94	1.85	0.59	0.63	2.98	9.06	
1995	106.4	12.64	6.18	14.63	11.08	9.78	3.55	1.65	2.55	1.11	2.4	24.75	14.88	
1996	154.4	9	10.84	19.06	33.44	17.63	6.97	4.51	2.46	2.68	6.28	16.55	24.98	
1997	148.26	20.4	15.77	22.53	20.66	12.21	3.61	3.13	3.08	6.39	8.14	17.16	15.38	
1998	82.8	15.24	11.76	27.33	13.31	5.15	2.95	0.43	1.2	0.87	2.47	0.67	1.4	
1999	53.67	1.79	8.93	8.73	10.09	2.02	2.42	1.77	1.43	1.16	1.58	3.77	6.99	
2000	110.55	4.9	3.33	16.49	13.38	12.51	10.63	12.08	7.65	6.1	5.37	8.09	9.62	
2001	146.44	14.15	20.24	25.26	24.5	5.88	11.48	4.49	2.61	1.22	5.24	12.43	16.72	
2002	112.79	18.21	17.95	27.8	18.08	13.27	6.37	1.81	1.23	0.87	1.52	2.7	3.08	
2003	132.31	4.38	3.32	9.88	15.85	12.33	8.2	8.03	6.43	3.48	9.6	24.26	24.43	
2004	119.58	12.42	6.36	22.2	14.56	16.14	9.11	12.29	9.2	5.26	5.8	6.18	0.06	

1971	0.24	0.07	0.05	0.72	3.84	0.16	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.07	
1972	0.31	0.13	0.02	0.28	3.06	0.17	0.03	0.06	0.01	0.01	0.06	0.13	0.29		
1973	0.26	1.27	0.36	1.01	0.38	0.2	0.05	0.02	0.01	0.01	0.01	0.09	0.38		
1974	0.37	0.82	0.26	1.51	0.74	0.45	0.05	0.02	0.02	0.01	0.01	0.03	0.02		
1975	0.37	0.35	0.22	1.65	2.32	0.22	0.05	0.01	0.18	0.33	0.27	0.16	0.7		
1976	0.35	0.11	0.92	1.7	0.36	0.28	0.05	0.12	0.02	0.04	0.08	0.26	0.09		
1977	0.37	0.03	0	2.51	0.39	0.06	0.02	0.03	0.07	0.2	0.68	0.33	0.58		
1978	0.31	0.07	0.2	0.81	2.94	0.24	0.13	0.02	0.01	0.05	0.13	0.12	0.13		
1979	0.48	1.61	0.06	2.55	1.05	0.12	0.02	0.02	0.01	0.01	0.03	0.28	1.08		
1980	0.23	0.47	0.02	1.38	0.46	0.1	0.01	0.02	0.01	0.01	0.07	0.07	0.13		
1981	0.26	0.09	2.17	0.44	0.15	0.12	0.02	0.01	0.01	0.07	0.35	0.35	0.27		
1982	0.38	0.08	0.03	1.22	1.25	0.04	0.27	0.03	0.03	0.05	0.07	0.54	0.81		
1983	0.18	0.37	0.57	0.5	0.19	0.24	0.25	0.03	0.01	0.08	0.14	0.22	0.18		
1984	0.32	0.05	2.04	0.84	0.52	0.04	0.06	0.02	0.01	0.01	0.01	0.16	0.4		
1985	0.41	0.14	0.53	1.42	0.88	0.07	0.08	0.03	0.04	0.15	0.19	0.47	1.33		
1986	0.46	0.4	0.07	2.16	0.2	0.21	0.04	0.01	0.2	0.65	0.57	0.25	0.12		
1987	0.26	0.13	0.13	1.32	0.68	0.11	0.05	0.08	0.03	0.01	0.05	0.29	0.74		
1988	0.26	0.53	0.33	1.9	0.22	0.22	0.08	0.01	0.01	0.01	0.11	0.26	0.31		
1989	0.21	0.65	0.32	2.34	0.59	0.05	0.06	0.02	0.01	0.01	0.01	0.11	0.07		
1990	0.34	0.84	0.51	1.45	0.26	0.11	0.03	0.02	0.02	0.02	0.01	0.53	0.64		
1991	0.3	0.22	0.63	1.37	0.67	0.14	0.07	0.04	0.03	0.01	0.04	0.13	0.42		
1992	0.37	0.63	0.13	2.6	0.48	0.34	0.02	0.08	0.23	0.16	0.23	0.65	0.36		
1993	0.33	0.95	0.08	2.46	1.1	0.04	0.31	0.03	0.01	0.04	0.24	0.15	0.54		
1994	0.21	0.13	2.23	1.3	0.3	0.16	0.06	0.07	0.02	0.01	0.02	0.09	0.29		
1995	0.3	0.92	0.06	1.4	0.24	0.11	0.15	0.04	0.2	0.02	0.04	0.4	0.35		
1996	0.36	1.38	1.13	0.68	0.54	0.38	0.14	0.01	0.03	0.06	0.16	0.32	0.46		
1997	0.41	0.54	1.13	1.15	0.59	0.16	0.11	0.19	0.09	0.19	0.21	0.48	0.19		
1998	0.35	0.81	0.95	0.8	0.22	0.05	0.07	0.04	0.02	0.04	0.07	0.03	0.04		
1999	0.12	0.11	0.48	0.64	0.22	0.08	0.02	0.11	0.02	0.02	0.02	0.07	0.22		
2000	0.26	0.43	0.73	0.38	0.32	0.34	0.53	0.08	0.05	0.1	0.06	0.29	0.19		
2001	0.31	0.1	0.94	0.63	1.44	0.17	0.13	0.1	0.02	0.03	0.15	0.18	0.49		
2002	0.21	0.35	0.62	0.65	0.32	0.18	0.08	0.04	0.02	0.02	0.02	0.03	0.09		
2003	0.31	0.07	0.02	2.53	0.59	0.2	0.1	0.08	0.1	0.03	0.23	0.36	0.6		
2004	0.34	0.28	0.08	1.73	0.26	0.33	0.07	0.09	0.04	0.08	0.08	0.15	0.51		
	0.31	0.40	0.53	2.17	0.84	0.18	0.09	0.05	0.04	0.06	0.14	0.22	0.37	Average 1960 - 2004	
	0.31	0.40	0.53	2.17	0.84	0.18	0.09	0.05	0.04	0.06	0.14	0.22	0.37	Average1960 - 2004	
	0.31	0.41	0.55	2.18	0.86	0.18	0.09	0.05	0.04	0.07	0.14	0.22	0.36	Average 1960 - 2002	

Ethel Note Grewal area derived from BRFU occasional streamflow data. Hedat data 1984 to 1997

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	715.96	58.98	53.05	26.29	83.25	125.14	75.62	36.86	53.37	18.68	58.12	103.19	27.42	
1961	862.17	11.36	36.2	37.76	66.07	69.11	134.8	126.37	62.36	91.11	36.43	79.02	88.58	
1962	613.7	39.85	36.47	3.11	50.45	32.5	81.55	51.27	82.3	66.3	77.93	56.94	45.03	
1963	644.14	17.02	14.37	42.26	69.84	77.55	52.8	81.46	69.64	72.68	19.96	94.92	51.84	
1964	632.41	57.4	28.06	73.06	64.03	88.95	41.47	104.24	163.88	39.3	40.95	39.14	71.75	
1965	985.66	65.25	41.15	18.46	49.48	79.52	27.13	106.95	137.42	115.57	159.59	91.35	83.79	
1966	939.3	45	67.73	70.31	55.8	85.33	105.38	16.38	113.41	94.65	37.82	151.07	98.44	
1967	1052.88	50.96	46.36	26.13	114.68	84.55	191.72	68.38	101.96	96.3	108.46	103.64	98.74	
1968	987.79	59.59	55.12	51.58	39.69	51.74	76.83	65.61	179.69	133.38	68.98	123.89	92.19	
1969	891.63	70.26	39.97	42.96	106.5	101.7	61.43	95.23	50.27	23.23	94.86	151.83	64.1	
1970	942.6	27.79	26.24	45.58	88.44	94.58	55.47	122.15	59.12	146.22	113.22	69.89	94.19	
1971	827.75	54.94	92.66	43.76	38.91	24.37	81.1	123.81	108.89	45.33	35.96	50.27	109.35	
1972	908.53	64.79	49	77.71	60.38	37.14	99.39	48.7	52.88	94.65	133.3	72.79	117.8	
1973	938.8	47.46	46.09	113.61	48.17	108.08	85.9	59.95	80.56	52.89	83.24	135.54	76.62	
1974	897.57	78.35	62.27	60.65	112.09	152.08	59.31	35.17	26.42	68.87	43.04	140.86	58.36	
1975	1023.92	87.49	77.75	51.17	57.2	38.66	91.88	80.49	234.88	81.09	46.08	100	77.04	
1976	1013.5	67.39	58.59	103.78	116.34	87.16	80.13	113.23	61.77	117.17	101.12	62.03	44.79	
1977	925.22	24.96	64.56	65.96	46.92	23.84	86.51	59.03	176.38	164.51	54.79	90.72	59.02	
1978	822.43	65.48	9	41.59	52.73	60.2	43.38	38.84	90.27	188.56	65.65	79.64	87.09	
1979	932.73	34.1	24.9	63.83	104.36	87.4	58.73	77.49	79.46	58.92	122.17	155.27	68	
1980	907.32	39.91	32.58	69.84	96.68	62.34	116.4	60.09	64.96	155.99	104.44	62.46	89.61	
1981	938.92	14.37	54.63	38.29	71.18	81.42	68.67	75.23	179.22	127.37	126.13	58.13	47.28	
1982	1028.65	46.15	18.36	71.96	65.71	73.12	90.77	77.21	172.97	117.3	47.54	136.83	110.63	
1983	1036.2	20.7	39.91	26.04	105.42	171.78	31.96	25.21	136.79	133.62	90.89	98.45	123.24	
1984	964.22	49.75	62.09	68.01	27.74	94.84	91.96	45.6	91.87	103.93	67.26	107.32	152.85	
1985	1154.3	75.64	139.75	85.56	88.19	105.45	55.47	81.26	186.49	62.69	88.12	115.99	74.59	
1986	1053.91	50.52	45.52	61.31	65.48	80.64	107.81	67.96	70.49	277.57	112.52	36.31	77.79	
1987	894.37	51.39	14.34	63.22	42.55	26.02	43.5	125.69	123.86	73.5	102.2	143.6	66.4	
1988	931.23	46.22	69.24	46.62	82.79	52.13	9.66	66.25	58.28	127.37	164.51	130.51	77.66	
1989	811.49	55.11	29.92	23.52	63.06	109.19	69.36	13.66	111.59	102.25	96.88	186.35	46.09	
1990	1165.07	58.43	63.88	53.56	63.19	106.1	131.67	75.9	103.02	136.77	139.29	136.74	96.31	
1991	1139.01	53.76	52.61	94.97	135.49	93.68	32.87	182.13	107.08	90.65	128.33	99.96	91.68	
1992	1208.6	43.98	52.27	36.73	126.5	96.57	74.03	158.77	175.18	147.28	64.35	182.82	96.11	
1993	956.39	90.45	18	20.65	75.69	76.48	153.67	109.23	90.74	139.68	60.74	84.66	34.1	
1994	936.84	63.94	11.39	45.38	139.02	101.07	77.3	100.65	71.52	96.17	70.87	86.58	68.94	
1995	1065.45	85.48	41.24	53.5	99.89	80.34	76.74	94.42	97.04	52.73	142.95	192.67	48.45	
1996	1139.72	60.07	54.81	43.1	135.43	101.03	118.63	92.71	62.25	211.68	77.41	73.9	103.7	
1997	985.64	83.41	87.17	83.81	36.74	104	47.11	89.43	119.79	120.87	79.77	69.63	38.71	
1998	714.64	91.63	23.21	76.63	42.19	50.07	51.46	37.5	121.6	47.2	27.65	77.27	66.93	
1999	830.93	76.57	54.42	26.33	52.18	66.58	97.18	64.13	64.24	83.77	70.08	89.24	76.23	
2000	1162	40.16	49.55	41.5	59.46	153.55	180.59	153	103.67	135.52	32.43	98.19	94.72	
2001	1038.72	42.8	99.81	38.14	50.16	118.25	78.14	49.28	97.68	111.74	158.02	106.47	77.21	
2002	865.45	43.96	66.56	54.14	98.52	88.55	93.03	88.04	47.18	64.4	63.64	79.14	67.27	
2003	943.52	49.6	81.44	39.64	34.22	112.04	56.13	59.9	104.98	108.99	93.93	145.81	79.94	
2004	975.26	60.48	23.84	86.38	56.08	158.46	90.14	112.69	80.29	42.15	68.38	91.41	97.78	
	947.36	54.07	49.56	54.10	74.14	84.53	81.49	80.08	103.57	101.48	83.62	104.26	77.47	Average 1960 - 2004
	989.16	60.60	52.97	55.05	74.93	93.82	84.58	88.96	99.22	110.09	89.97	113.13	76.36	Average1984 - 2004
	1033.71	61.37	52.43	56.52	84.41	87.47	79.22	93.12	104.55	122.72	98.16	118.43	75.31	Average 1984 - 1997

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	198.29	56.99	55.37	23.38	7.79	0	0	0	0	0	3.76	12.57	38.43	
1961	156.74	22.47	8.14	25.01	19.47	4.62	0	0	0	0	0	24.1	52.93	
1962	197.85	61.47	43.26	2.43	5.1	0	0	0	0	0	9.9	10.03	65.04	
1963	174.04	44.63	35.72	12.49	5	0	0	0	0	0	0	5.99	70.2	
1964	181.26	33.39	16.98	45.47	4.39	0	0	0	0	0	4.66	20.21	38.16	
1965	206.3	67.24	62.19	24.4	17.64	0	0	0	0	0	7.76	11.04	15.91	
1966	261.49	76.27	39.56	27.88	16.54	1.58	0	0	0	0	0	33.56	96.1	
1967	243.46	65.43	46.88	31.14	10.07	0	0	0	0	0	0	54.12	35.82	
1968	239.46	52.99	32.87	35.02	1.16	0	0	0	0	0	0	30.14	87.28	
1969	246.48	58.97	38.24	23.95	0	0	0	0	0	0	39.11	42.18	65.03	
1970	239.13	39.14	34.13	29.06	9.97	0	0	0	0	0	0	24.95	101.88	
1971	272.67	88.08	54.61	56.14	7.36	0	0	0	0	0	0	24.2	38.24	
1972	283.31	67.04	66.13	28.94	15.95	0	0	0	0	0	5.88	29.65	68.73	
1973	169.96	36.17	36.49	20.15	2.95	0	0	0	0	0	0	9.93	64.27	
1974	177.34	29.73	29.27	35.44	1.64	0.06	0	0	0	0	1.62	22.28	57.08	
1975	279.61	65.17	60.58	31.09	32.78	0	0	0	0	0	0	16.97	73.02	
1976	273.09	90.28	22.74	34.18	8.01	0.11	0	0	0	0	11.94	36.35	69.48	
1977	164.18	62.41	27.79	6.68	2.75	0	0	0	0	0	0	13.55	70.7	
1978	190.29	88.7	15.52	14.05	2.08	0	0	0	0	0	0	10.07	61.86	
1979	118.11	48.07	10.87	9.33	20.81	0	0	0	0	0	0.14	11.05	17.84	
1980	215.13	38.16	42.67	37.73	0.53	0	0	0	0	0	1.19	24.66	70.17	
1981	164.9	29.42	25.66	28.1	0.02	0	0	0	0	0	33.78	7.55	51.47	
1982	176.81	73.59	27.22	30.72	10.38	0	0	0	0	0	0.77	9.97	24.16	
1983	215.15	18.01	9.5	14.81	2.42	0	0	0	0	0	0	44.66	125.74	
1984	186.38	75.42	81.78	38.58	0.06	0.91	0	0	0	0	0	0.02	52.1	
1985	261.01	110.37	113.06	24.58	13.92	0	0	0	0	0	0	8.44	91.14	
1986	177.8	51.27	38.47	18.76	11.71	0	0	0	0	0	0	23.4	33.79	
1987	187.61	58.03	16.1	26.08	7.79	0	0	0	0	0	4.42	44.7	40.48	
1988	207.35	26.15	76.13	21.71	1.98	0	0	0	0	0	1	4.98	75.38	
1989	209.07	27.02	42.98	20.04	18.4	4.38	0	0	0	0	2.97	29.22	64.08	
1990	162.07	33.47	24.77	12.68	3.32	2.3	0	0	0	0	0.32	22.28	62.93	
1991	253.29	77.1	54.18	17.24	6.34	0	0	0	0	0	0	25.87	72.36	
1992	179.98	40.54	29.87	15.86	3.39	0	0	0	0	0	5.44	17.73	68.96	
1993	174.66	62.73	34.23	22.68	2.11	0	0	0	0	0	1.84	20.1	30.77	
1994	184.27	57.77	26.75	28.62	7.98	0	0	0	0	0	0	16.36	43.47	
1995	201.95	80.29	56.13	18.44	8.87	0	0	0	0	0	0	72.21	65.99	
1996	235.65	48.04	25.98	47.91	8.35	0	0	0	0	0	0	39.91	65.39	
1997	242.27	87.59	20.62	58.8	4.2	0	0	0	0	0	20.91	20.26	28.85	
1998	131.48	42.48	1.27	51.43	0	0	0	0	0	0	0	4.76	31.54	
1999	237.57	98.3	14.07	29.32	3.19	0	0	0	0	0	0	39.78	51.91	
2000	293.48	36.49	33.79	11.4	13.52	0	0	0	0	0	0	54.08	142	
2001	206.46	39.95	38.35	42.83	5.96	0	0	0	0	0	9.13	6.56	63.65	
2002	238.43	53.63	39.16	34.64	11.08	5.46	0	0	0	0	0.02	41.94	56.49	
2003	241.11	84.53	27.35	28.03	6.99	0	0	0	0	0	0.52	37.66	46.03	
2004	278.4	120.65	19.53	31.17	3.12	0	0	0	0	0	0	10.27	93.66	
	216.90	58.42	35.96	27.36	7.72	0.34	0.00	0.00	0.00	0.00	3.01	23.87	60.23	Average 1960 - 2004
	223.69	62.62	36.41	28.66	8.76	0.43	0.00	0.00	0.00	0.00	3.23	25.94	60.43	Average1984 - 2004
	219.03	56.71	61.50	26.63	7.03	0.54	0.00	0.00	0.00	0.00	2.65	24.98	55.98	Average 1984 - 1997

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1984	480.67	10.2	158.14	90.11	40.07	10.03	17.3	1.99	0.89	5.52	2.63	43.65	90.64
1985	649.79	23.62	49.02	211.63	122.44	10.84	6.63	2.28	33.2	30.53	34.23	85.78	39.29
1986	663.43	29.68	12.53	178.04	35.86	21	10.56	2.28	24.07	176.7	116.04	23.07	32.4
1987	427.64	17.07	6.09	119.57	49.77	4.19	4.55	49.29	20.03	2.16	13.65	58.35	62.73
1988	368.58	31.15	35.09	117.04	37.73	15.21	1.5	0.58	0.48	1.9	26.63	63.76	28.52
1989	280.02	49.51	16.04	77.48	63.61	9.11	14.22	1.45	1.27	1.34	2.46	34.77	8.76

	3.26	0.37	0.37	0.26	0.37	0.37	0.40	0.38	0.35	0.44	0.38	0.29	0.36	Average1984 - 2004
	0.26	0.35	0.40	0.21	0.36	0.42	0.35	0.38	0.34	0.40	0.31	0.28	0.41	Average 1984 - 1997

Runoff

Year	Year.RF	1	2	3	4	5	6	7	8	9	10	11	12	
1984	259.52	2.39	141.35	62.79	22.5	5.14	13.58	0.81	0.53	3.92	1.34	33.85	71.31	
1985	470.74	15.76	84.88	150.63	88.15	6	3.91	1.35	31.55	22.27	24.81	83.14	25.12	
1986	496.8	18.41	4.62	152.18	17.2	17.1	6.92	0.53	22.6	149.26	81.15	11.38	13.48	
1987	310.02	6.18	0.37	92.76	32.26	1.73	3.48	44.32	14.38	0.61	11.38	45.58	55	
1988	271.74	24.05	23.44	97.3	20.18	9.13	0.68	0.31	0.3	1.46	21.78	44.78	28.32	
1989	206.75	35.38	10.89	68.24	41.65	3.48	10.22	0.52	0.65	0.64	1.15	28.97	3.97	
1990	396.45	51.49	36.65	68.87	18.8	10.96	5.5	3.95	1.3	2.93	71.12	68.8	53.09	
1991	370.87	17.32	45.21	133.52	77.57	10.39	1.35	14.2	3.21	0.27	7.56	17.96	42.31	
1992	479.31	29.15	18.35	94.72	62.17	16.38	5.17	27.07	36.45	29.34	21.71	109.7	26.09	
1993	284.51	76	0.95	23.52	78.74	3.11	36.91	2.42	0.75	10.11	18.21	16.87	16.92	
1994	216.84	3.05	18.86	69.58	68.29	16.27	4.26	14.34	1.16	0.47	0.85	8.57	20.04	
1995	338.74	74.46	1.76	91.27	27.47	10.61	8.17	2.54	22.43	0.27	4.82	78.27	17.47	
1996	416.88	63.29	53.65	31.58	81.63	40.55	34.07	3.76	0.68	10.91	14.98	28.81	52.17	
1997	406.79	57.78	124	95.44	20.03	22.29	4.02	6.66	6.99	17.27	10.84	33.26	8.21	
1998	201.39	71.76	28.02	68.13	8.74	3.69	2.48	2.16	2.91	2	2.75	4.26	3.3	
1999	147.38	12.61	50.61	14.38	20.4	8.55	4.97	5.64	2.13	1.63	2.19	6.07	17.99	
2000	243.87	16.65	34.33	14.78	19.01	79.58	70.15	15.04	15.28	17.64	3.6	33.91	23.99	
2001	323.86	6.72	103.35	47.54	62.56	14.54	7.85	2.11	0.5	1	26.81	17.16	36.6	
2002	207.36	15.42	57.15	44.01	43.84	16.87	6.47	1.39	1.69	4.26	0.74	2.24	10.38	
2003	302.1	7.21	8.11	96.72	22.85	27.64	3.58	2.45	4.29	1.52	18.75	63.12	45.83	
2004	306.74	18.62	3.23	159.11	16.34	55	10.33	7.24	3.86	1.68	3.82	14.58	62.71	
	326.51	29.80	38.42	79.94	45.43	18.53	11.63	7.61	8.37	13.31	16.68	24.73	29.07	Average 1960 - 2004
	326.51	29.80	38.42	79.94	45.43	18.53	11.63	7.61	8.37	13.31	16.68	24.73	29.07	Average1984 - 2004
	259.71	34.05	37.50	88.14	46.77	12.80	9.88	8.84	10.27	17.84	20.84	42.00	30.69	Average 1984 - 1997

RI

Year	Year.RI	1	2	3	4	5	6	7	8	9	10	11	12	
1984	0.37	0.05	2.71	0.91	0.6	0.05	0.15	0.02	0.01	0.04	0.02	0.32	0.47	
1985	0.41	0.21	0.32	1.76	1	0.06	0.07	0.02	0.17	0.36	0.28	0.52	0.28	
1986	0.47	0.36	0.1	2.48	0.26	0.21	0.06	0.02	0.32	0.54	0.72	0.31	0.17	
1987	0.35	0.12	0.03	1.47	0.76	0.07	0.06	0.35	0.13	0.01	0.11	0.32	0.83	
1988	0.26	0.52	0.34	2.08	0.24	0.18	0.07	0	0.01	0.01	0.16	0.34	0.36	
1989	0.23	0.71	0.36	2.07	0.66	0.03	0.15	0.04	0.01	0.01	0.01	0.16	0.09	
1990	0.34	0.9	0.57	1.29	0.3	0.1	0.04	0.05	0.01	0.02	0.51	0.51	0.55	
1991	0.33	0.32	0.86	1.41	0.62	0.11	0.04	0.08	0.03	0	0.06	0.18	0.52	
1992	0.39	0.66	0.35	2.58	0.49	0.2	0.07	0.17	0.21	0.2	0.34	0.4	0.3	
1993	0.3	0.84	0.05	1.12	1.04	0.04	0.24	0.02	0.01	0.07	0.3	0.2	0.5	
1994	0.24	0.06	1.45	1.53	0.48	0.19	0.06	0.14	0.02	0	0.01	0.09	0.29	
1995	0.32	0.87	0.04	1.71	0.28	0.13	0.11	0.03	0.23	0.01	0.03	0.41	0.36	
1996	0.37	0.67	0.98	0.74	0.6	0.4	0.29	0.04	0.01	0.05	0.19	0.39	0.5	
1997	0.43	0.69	1.42	1.14	0.54	0.21	0.09	0.1	0.06	0.14	0.14	0.48	0.21	
1998	0.28	0.78	1.21	0.87	0.21	0.08	0.05	0.06	0.02	0.04	0.1	0.06	0.05	
1999	0.18	0.16	0.92	0.55	0.41	0.13	0.05	0.08	0.03	0.02	0.03	0.06	0.24	
2000	0.3	0.41	0.7	0.36	0.32	0.52	0.37	0.1	0.15	0.13	0.11	0.35	0.25	
2001	0.31	0.18	1.01	1.25	1.25	0.12	0.1	0.04	0.01	0.01	0.17	0.16	0.47	
2002	0.24	0.35	0.66	0.81	0.44	0.22	0.07	0.01	0.04	0.07	0.01	0.03	0.18	
2003	0.32	0.16	0.2	2.44	0.67	0.25	0.06	0.04	0.04	0.01	0.2	0.36	0.57	
2004	0.35	0.27	0.14	1.84	0.3	0.35	0.11	0.06	0.05	0.04	0.06	0.16	0.44	
	0.32	0.46	0.68	1.45	0.55	0.17	0.11	0.07	0.07	0.08	0.17	0.29	0.36	Average 1960 - 2004
	0.32	0.46	0.68	1.45	0.55	0.17	0.11	0.07	0.07	0.08	0.17	0.29	0.36	Average1984 - 2004
	0.35	0.52	0.68	1.59	0.56	0.14	0.11	0.08	0.09	0.10	0.21	0.35	0.39	Average 1984 - 1997

Belgrave

Note Greyed area derived from BRFU provisional streamflow data. Hydat data 1968 to 1997

Distributed Precipitation (mm)

Year	Yr/Total	1	2	3	4	5	6	7	8	9	10	11	12	
1960	777.53	69.97	69.2	36.82	88.29	118.08	82	10.64	49.63	20.89	65.38	107.52	39.1	
1961	897.88	22.86	36.94	54.2	69.74	68.57	128.8	113.5	93.06	79.68	41.32	82.09	107.12	
1962	657.6	60.85	35.16	6.15	49.59	26.37	78.21	52.44	64.05	71.66	68.99	51.63	70.5	
1963	686.09	25.1	17.23	49.03	62.74	74.11	51.52	66.8	67.26	63.44	25.13	114.21	70.62	
1964	895.23	71.03	38.63	77.15	66.66	84.41	38.07	105.14	168.39	46.38	49.89	43.8	85.7	
1965	1036.2	82.59	49.54	24.19	56.25	68.44	25.53	99.75	120.4	130.47	157.86	93.05	108.14	
1966	943.07	53.34	66.37	80.01	58.97	85.27	91.08	13.98	108.47	103.27	47.28	134.16	119.91	
1967	1107.98	66.66	92.99	25.71	114.34	46.04	184.62	76.56	95.82	94.64	119.08	117.43	113.99	
1968	1023.21	70.45	61.36	49.31	44.39	49.23	82.1	70.49	174.53	125.85	89.71	119.95	156.35	
1969	931.88	82.4	81.46	45.31	109.91	108.75	69.6	84.62	28.51	29.19	115.23	149.02	68.48	
1970	930.53	26.23	27.93	51.41	76.55	84.07	49.19	144.79	46.91	132.39	119.51	66.59	97.95	
1971	830.56	67.22	67.42	54.5	38.39	24.02	61.59	124.85	92.63	45.45	39.95	51.33	115.21	
1972	959.16	75.9	51.5	76.66	54.3	40.58	110.24	45.76	61.42	82.16	145.2	75.54	137.61	
1973	964.25	58.02	45.47	108.98	49.46	106.4	81.96	75.82	81.7	49.75	83.85	135.64	87.19	
1974	827.63	84.58	83.53	66.79	113.79	145.75	67.23	36.4	26.45	75.05	52.77	139.86	43.72	
1975	1065.47	102.78	77.5	56.82	68.85	50.64	96.83	83.09	214.18	84.08	42.96	93.3	80.64	
1976	1079.51	107.47	71.01	109.87	104.81	84.53	73.1	103.13	58.02	117.73	92.89	84.55	70.8	
1977	987.27	45.85	77.3	67.22	45.24	23.46	77.4	58.05	189.06	168.4	68	114.19	70.09	
1978	811.66	81.4	9.58	32.49	40.21	62.48	44.97	34.27	61.31	165.07	73.59	71.24	115.07	
1979	943.23	48.65	29.48	67.51	103.97	85.18	57.38	79.27	68.62	51.71	133.52	145.43	74.31	
1980	931.97	58.29	37.89	71.36	101.1	60.55	104.82	58.54	61.44	100.5	114.33	66.36	98.79	
1981	1033.6	27.1	73.92	54.21	77.61	80.64	63.86	71.1	137.84	137.08	102.65	55.32	72.87	
1982	1047.64	68.36	19.83	72.99	66.39	72.72	93.85	77.94	154.8	112.3	51.68	138.41	118.38	
1983	1015.45	36.62	35.82	40.59	109.28	168.83	33.87	25.91	124.39	137.69	92.05	99.73	104.07	
1984	985.62	58.28	57.07	76.64	39.04	96.05	87.9	43.79	92.38	103.32	65.52	104.84	157.89	
1985	1205.49	112.71	149.05	95.78	90.85	103.03	55.49	92.58	168.63	73.45	99.07	118.61	98.55	
1986	1133.89	65.29	55.37	71.85	68.49	77.19	100.52	69.41	82.47	299.09	110.64	45.45	92.12	
1987	839.3	67.41	17.97	65.59	43.98	25.28	75.64	123.4	121.23	81.13	102.8	140.1	74.93	
1988	1039.01	61.92	82.32	57.34	81.26	58.04	13.2	80.65	64.16	130.12	170.62	127	103.18	
1989	942.36	58.39	50.32	38.93	71.87	105.36	80.59	10.1	99.63	99.94	82.13	179.37	66.38	
1990	1155.91	80.27	64.04	65.28	62.77	105.06	128.47	80.44	90.77	133.27	145.3	145.47	110.77	
1991	1163.54	74.69	69.8	101.55	131.4	92.06	37.91	146.32	99.59	67.2	130.02	105.58	107.42	
1992	1301.27	76.94	91.55	44.75	133.89	98.88	75.83	156.54	160.67	147.53	76.18	177.11	97.51	
1993	998.05	107.35	35.76	21.62	96.02	71.42	145.66	97.72	78.76	137.91	60.83	91.09	62.91	
1994	970.65	77.79	18.56	51.45	128.84	98.85	75.16	102.24	73.27	98.43	68.31	98.92	77.73	
1995	1203.02	111.86	60	57.1	101.41	71.37	109.74	100.47	103.77	47.14	149.64	217.23	73.29	
1996	1251.98	76.07	62.98	47.63	146.02	106.62	117.5	91.47	68.09	199.94	88.17	103.68	143.62	
1997	1027.83	116.88	84.58	98.81	35.15	105.2	45.35	72.94	124.44	126.55	80.84	73.15	52.93	
1998	735.55	86.75	23.28	54.71	62.63	58.48	47.39	31.55	108.32	45.25	36.8	80.1	76.29	
1999	882.83	101.33	52.25	28.11	67.58	76.22	65.03	58.87	62.54	86.89	74.86	112.04	66.13	
2000	1276.76	50.76	88.9	52.9	62.5	168.98	193.25	140.53	113.96	136.58	43.31	124.31	143.79	
2001	1124.27	55.73	111.95	41.12	53.02	108.52	82.47	57	93.11	126.24	180.88	101.32	112.91	
2002	938.15	62.68	109.73	69.07	102.13	96.11	60.37	82.2	43.64	54.71	75.1	84.46	99.44	
2003	1060.58	81.44	52.01	45.87	38.19	126.45	61.49	70.51	98.87	118.85	106.76	155.23	152.71	
2004	1064.54	102.23	29.39	103.5	58.8	170.06	86.51	115.04	75.29	41.41	74.91	93.47	114.83	
	1000.40	70.92	55.39	60.15	75.72	84.81	81.53	76.21	97.90	101.84	90.57	107.20	96.15	Average 1960 - 2004
	1027.48	74.04	56.98	63.63	76.76	88.29	80.79	81.10	97.88	107.36	94.07	110.39	96.40	Average1984 - 2004
	1030.70	73.18	56.13	63.95	80.51	81.85	78.08	81.43	100.86	111.98	96.30	110.98	95.46	Average 1984 - 1997

Distributed Snowfall (cm)

Year	Yr/Total	1	2	3	4	5	6	7	8	9	10	11	12	
1960	267.3	71.14	72.38	37.22	9.4	0	0	0	0	0	4.64	17.13	32.38	
1961	204.02	38.74	43.51	20.15	21.58	9.01	0	0	0	0	0	26.86	47.19	
1962	263.95	84.3	57.71	4.92	5.16	0	0	0	0	0	15	11.89	84.77	
1963	232.68	60.08	31.21	15.52	6.26	6.5	0	0	0	0	0	19.71	38.4	
1964	210.2	49.27	41.17	46.02	4.91	0	0	0	0	0	7.21	23.19	47.43	
1965	240.67	81.45	63.97	27.14	21.34	0	0	0	0	0	7.87	12.88	24.02	
1966	284.05	86.81	38.06	21.18	16.97	1.93	0	0	0	0	0	21.16	77.96	
1967	273.41	81.26	53.36	26.2	11.16	0	0	0	0	0	2.08	58.26	40.09	
1968	259.88	61.87	37.38	30.84	2.26	0	0	0	0	0	3.38	21.71	66.44	
1969	274.47	73.65	40.88	26.4	0	0	0	0	0	0	19.71	49.72	67.11	
1970	257.02	54.25	37.84	28.17	12.86	0	0	0	0	0	0	24.9	99	
1971	298.19	107.55	48.77	54.05	8.76	0	0	0	0	0	0	27.34	41.72	
1972	316.29	83.77	47.68	31.87	15.87	0	0	0	0	0	6.91	33.66	76.42	
1973	195.42	46.55	39.6	18.42	3.43	0	0	0	0	0	0	18.26	69.16	
1974	189.69	33.68	35.41	35.77	2.37	0.19	0	0	0	0	1.49	24.08	56.69	

1961	153.76	13.67	13.35	45.26	38.7	6.29	2.44	1.8	1.57	1.05	2.31	6.19	21.13		
1962	203.79	22.64	18.61	26.88	29.59	10.61	3.06	5.17	9.82	12.65	10.49	29.75	21.52		
1963	109.52	17.64	7.67	6.95	27.75	5.84	4.93	2.48	1.33	2.02	8.16	11.23	13.62		
1964	110.37	5.79	7.79	17.22	31.52	16.84	3.93	3.29	2.26	1.2	2.17	6.05	12.31		
1965	115.57	14.61	8.72	18.3	13.28	10.31	4.77	2.38	3.34	1.71	3.79	25.93	16.42		
1966	167.25	12.14	10.89	16.44	28.26	18.64	11.48	4.51	2.57	2.5	6.7	19.46	28.64		
1967	165.41	25.04	25.7	28.73	20.14	13.62	3.89	2.92	2.94	5.44	7.3	15.35	14.43		
1968	95.25	16.86	13.27	20.55	15.18	5	2.02	1.13	1.18	1.2	1.24	1.55	2.32		
1969	83.27	7.13	19.3	15.14	13.44	6.13	2.76	1.87	1.23	1.12	1.49	3.24	10.43		
2000	165.64	15.18	10.37	18.1	12.4	14.61	8.91	10.04	7.34	8.91	9.66	12.23	37.99		
2001	254.28	76.88	49.66	26.57	28.13	6.61	6.09	3.36	2.43	1.93	9.93	17.3	23.39		
2002	153.72	27.84	25.04	33.34	22.1	23.3	6.5	1.85	1.55	1.2	1.56	2.98	6.46		
2003	172.45	11.07	15.17	26.7	19.87	14.47	8.71	4.09	3.34	1.98	9.05	27.01	30.09		
2004	168.15	33.89	26.15	34.58	17.63	17.17	8.72	7.1	4.06	2.75	2.2	7.62	6.28		
	139.83	16.27	14.17	25.49	25.46	10.07	4.42	2.68	2.24	3.50	6.29	11.89	17.36	Average 1960 - 2004	
	139.83	16.27	14.17	25.49	25.46	10.07	4.42	2.68	2.24	3.50	6.29	11.89	17.36	Average1968 - 2004	
	136.16	13.77	12.18	25.22	27.11	9.51	3.99	2.29	2.05	3.68	6.58	12.26	17.51	Average 1968 - 1987	

BFI

Year	Year BFI	1	2	3	4	5	6	7	8	9	10	11	12
1968	0.26	0.58	0.12	0.17	0.42	0.6	0.59	0.57	0.2	0.41	0.31	0.21	0.35
1969	0.3	0.33	0.35	0.17	0.28	0.28	0.67	0.65	0.7	0.61	0.59	0.22	0.71
1970	0.33	0.67	0.52	0.33	0.21	0.41	0.66	0.5	0.67	0.64	0.52	0.36	0.43
1971	0.34	0.63	0.54	0.38	0.24	0.57	0.3	0.62	0.79	0.82	0.95	0.76	0.24
1972	0.34	0.5	0.91	0.32	0.23	0.56	0.35	0.37	0.76	0.67	0.19	0.52	0.37
1973	0.32	0.35	0.38	0.25	0.47	0.34	0.52	0.66	0.61	0.79	0.64	0.18	0.29
1974	0.24	0.19	0.38	0.18	0.24	0.19	0.62	0.66	0.99	0.74	0.75	0.22	0.79
1975	0.24	0.23	0.35	0.28	0.16	0.53	0.41	0.53	0.05	0.32	0.72	0.44	0.29
1976	0.33	0.69	0.26	0.28	0.3	0.34	0.77	0.4	0.65	0.66	0.6	0.31	0.74
1977	0.28	0.93	0.91	0.13	0.47	0.68	0.72	0.64	0.22	0.19	0.35	0.35	0.44
1978	0.3	0.72	0.82	0.28	0.17	0.49	0.54	0.8	0.77	0.17	0.33	0.4	0.65
1979	0.26	0.48	0.85	0.25	0.28	0.53	0.62	0.6	0.73	0.83	0.28	0.2	0.23
1980	0.32	0.52	0.9	0.13	0.39	0.68	0.59	0.67	0.69	0.43	0.34	0.71	0.29
1981	0.3	0.91	0.1	0.1	0.5	0.38	0.56	0.58	0.58	0.56	0.23	0.46	0.52
1982	0.27	0.64	0.9	0.17	0.26	0.64	0.21	0.56	0.36	0.25	0.66	0.24	0.27
1983	0.41	0.59	0.36	0.57	0.47	0.31	0.61	0.55	0.4	0.1	0.4	0.61	0.45
1984	0.27	0.83	0.14	0.26	0.46	0.55	0.26	0.63	0.39	0.36	0.69	0.26	0.26
1985	0.31	0.45	0.15	0.52	0.29	0.38	0.43	0.44	0.59	0.26	0.3	0.34	0.55
1986	0.29	0.51	0.71	0.17	0.54	0.19	0.43	0.61	0.1	0.17	0.34	0.51	0.58
1987	0.31	0.69	0.93	0.24	0.38	0.55	0.36	0.12	0.21	0.7	0.3	0.26	0.36
1988	0.28	0.23	0.33	0.18	0.5	0.46	0.6	0.65	0.63	0.34	0.16	0.32	0.29
1989	0.31	0.33	0.41	0.15	0.39	0.68	0.3	0.61	0.56	0.6	0.55	0.16	0.6
1990	0.28	0.21	0.34	0.24	0.49	0.21	0.45	0.48	0.53	0.52	0.17	0.23	0.42
1991	0.29	0.38	0.27	0.24	0.34	0.36	0.59	0.13	0.31	0.76	0.23	0.26	0.3
1992	0.33	0.48	0.62	0.24	0.37	0.38	0.36	0.18	0.24	0.33	0.35	0.23	0.48
1993	0.27	0.18	0.81	0.19	0.24	0.55	0.14	0.59	0.83	0.2	0.31	0.45	0.45
1994	0.32	0.41	0.21	0.22	0.32	0.45	0.55	0.18	0.62	0.71	0.49	0.33	0.37
1995	0.28	0.18	0.84	0.18	0.36	0.5	0.31	0.56	0.12	0.82	0.33	0.26	0.5
1996	0.3	0.15	0.18	0.38	0.34	0.34	0.3	0.6	0.78	0.2	0.29	0.38	0.37
1997	0.3	0.26	0.2	0.23	0.51	0.38	0.48	0.38	0.25	0.25	0.41	0.33	0.62
1998	0.34	0.19	0.38	0.34	0.57	0.53	0.73	0.67	0.66	0.9	0.71	0.78	0.56
1999	0.41	0.28	0.35	0.51	0.57	0.56	0.56	0.41	0.84	0.88	0.3	0.4	0.34
2000	0.28	0.51	0.2	0.55	0.42	0.15	0.51	0.42	0.39	0.34	0.62	0.24	0.3
2001	0.39	0.66	0.3	0.38	0.31	0.33	0.46	0.64	0.73	0.47	0.2	0.49	0.34
2002	0.41	0.64	0.28	0.43	0.39	0.36	0.54	0.62	0.53	0.88	0.62	0.6	0.4
2003	0.36	0.55	0.51	0.22	0.45	0.32	0.52	0.63	0.4	0.45	0.27	0.32	0.42
2004	0.33	0.51	0.79	0.2	0.5	0.22	0.51	0.54	0.66	0.66	0.41	0.34	0.1
	0.31	0.48	0.48	0.28	0.37	0.43	0.47	0.54	0.51	0.51	0.43	0.36	0.42	Average 1960 - 2004
	0.31	0.48	0.48	0.28	0.37	0.43	0.47	0.54	0.51	0.51	0.43	0.36	0.42	Average1968 - 2004
	0.30	0.48	0.49	0.25	0.35	0.45	0.47	0.53	0.49	0.48	0.42	0.34	0.44	Average 1968 - 1987

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12
1968	339.49	8.27	92.28	85.92	20.87	4.51	2.11	1.28	12.08	6.69	20.27	42.89	42.11	
1969	341.9	39.12	28.02	81.47	110.33	47.63	2.52	0.51	5.7	0.21	0.91	15.09	4.38	
1970	200.3	3.02	5.94	19.46	112.93	13.17	1.7	2.56	0.88	0.96	3.21	11.84	24.63	
1971	204.18	4.65	7.52	41.91	120.16	4.14	4.76	1.16	0.35	0.21	0.06	0.39	14.94	
1972	262.71	12.89	1.23	35.59	137.94	5.95	7.4	7.02	0.47	0.04	8.71	11.2	34.27	
1973	263.98	44.1	18.46	105.64	19.15	23.57	3.96	0.76	0.62	0.17	0.4	10.94	16.2	
1974	323.23	59.26	20.46	83.63	78.81	68.84	2.47	0.62	0.01	0.23	0.31	7.16	1.23	
1975	438.38	28.99	10.97	71.24	134.08	7.16	5.24	1.26	74.51	27.77	2.78	13.34	51.05	
1976	351.18	8.23	64.66	184.4	41.32	27.16	0.82	3.89	0.85	2.05	2.2	11.88	3.72	
1977	315.45	0.7	0.76	165.92	17.87	1.33	0.53	0.6	8.12	19.21	29.09	26.49	24.73	
1978	260.51	5.3	2.05	29.64	170.93	10.66	2.23	0.15	0.28	9.4	12.3	9.61	6.76	
1979	395.91	14	1.48	147.51	96.71	9.65	1.5	0.88	0.41	0.18	8.01	47.12	70.45	
1980	213	8.69	0.6	98.54	57	10.16	2.4	0.72	0.49	1.37	1.67	2.7	24.66	
1981	342.15	0.78	124.41	20.68	14.18	17.7	2.75	0.86	0.84	10.58	41.63	14.93	10.63	
1982	405.4	4.52	0.55	85.11	135.36	2.89	19.97	2.28	3.95	6.16	2.49	56.91	65.21	
1983	253.18	9.98	21.92	14.17	21.4	43.95	9.38	1.34	1.85	16.59	13.04	20.37	29.19	
1984	227.42	1.17	145.64	57.64	22.24	4.94	13.34	1	1.12	4.4	1.3	30.69	53.74	
1985	449.51	14.31	53.93	143.74	91.62	7.25	4.1	1.97	20.46	19.1	23.51	62.49	17.01	
1986	460.28	14.84	0.87	141.96	17.39	17.86	6.13	1.44	18.11	136.55	74.45	12.03	14.65	
1987	289.26	5.88	0.57	86.32	31.59	2.46	3.19	35.78	14.27	0.87	12.99	42.32	54.02	
1988	266.76	24.01	23.86	102.68	18.49	7.85	0.83	0.11	0.27	1.66	30.57	47.36	29.25	
1989	211.26	32.92	11.34	65.08	39.21	3.15	16.81	0.96	0.72	0.68	1.35	24.03	5.01	
1990	407.68	56.14	36.4	67.84	19.2	16.2	3.8	2.87	1.14	1.6	72.4	75.57	54.42	
1991	275.42	21.89	36.08	140.38	75.49	11.04	1.73	11.69	3.51	0.3	7.73	17.17	48.42	
1992	415.23	24.05	11.08	96.11	50.26	16.49	5.51	23.82	30.5	25.38	19.5	99.4	23.13	
1993	292.92	76.25	1.81	29.59	89.87	4.83	29.68	1.73	0.27	8.29	18.44	13.57	16.49	
1994	239.93	8.28	29.79	52.81	63.68	20.58	3.25	14.04	1.36	0.49	2.25	12.21	21.19	
1995	315.68	64.74	1.63	84.37	24.02	10.11	10.82	1.85	24.19	0.38	5.76	72.3	15.51	
1996	385.75	70.76	89.59	26.65	65.5	36.12	27.19	3.02	0.71	10.26	16.8	30.66	48.47	
1997	394.24	70.69	102.06	95.22	19.11	22.68	4.15	4.73	8.76	16.43	10.47	30.9	9.03	
1998	174.37	73.15	21.75	59.17	11.45	4.43	0.73	0.19	0.62	0.13	0.53	0.43	1.79	
1999	118.22	18.66	36.63	14.27	10.11	4.83	2.2	2.71	0.23	0.15	3.47	4.94	20.02	
2000	418.07	14.77	41.61	14.68	17	81.26	76.34	13.91	11.4	16.96	5.47	26.73	88.64	
2001	280.14	40.32	114.07	45.81	62.38	13.45	7.2	1.68	0.91	2.15	39	17.93	45.04	
2002	220.48	15.66	82.9	43.9	34.91	42.2	5.64	1.15	1.38	0.18	0.97	1.97	9.64	
2003	312.76	9.07	14.58	93.15	24	30.74	8.07	2.95	4.98	2.46	23.96	56.64	42.18	
2004	348.66	32.54	6.86	141.37	17.76	80.36	8.43	6.11	2.58	1.44	3.22	14.77	53.71	
	314.14	26.14	33.23	78.19	56.64	18.39	8.27	4.32	6.85	9.50	14.15	27.30	30.15	Average 1960 - 2004
	314.14	26.14	33.23	78.19	56.64	18.39	8.27	4.32	6.85	9.50	14.15	27.30	30.15	Average1968 - 2004
	315.41	25.43	31.04	82.68	63.93	16.00	6.78	4.37	7.73	10.94	14.88	29.13	28.49	Average 1968 - 1987

RI

Year	Year RI	1	2	3	4	5	6	7	8	9	10	11	12
1968	0.33	0.12	1.51	1.74	0.47	0.09	0.03	0.02	0.07	0.05	0.29	0.36	0.4	
1969	0.27	0.47	1.23	1.8	1.03	0.44	0.04	0.01	0.02	0.01	0.01	0.1	0.05	
1970	0.22	0.08	0.21	0.38	1.48	0.14	0.04	0.02	0.02	0.01	0.03	0.18	0.25	
1971	0.25	0.1	0.08	0.77	3.3	0.17	0.07	0.01	0	0	0	0.01	0.13	
1972	0.27	0.17	0.02	0.45	2.54	0.15	0.07	0.15	0.01	0	0.04	0.15	0.25	
1973	0.27	1.1	0.41	0.87	0.38	0.32	0.05	0.01	0.01	0	0	0.08	0.19	
1974	0.35	0.7	0.34	1.26	0.69	0.49	0.04	0.02	0	0	0.01	0.05	0.02	
1975	0.41	0.28	0.27	1.25	1.95	0.14	0.05	0.02	0.34	0.33	0.06	0.14	0.56	
1976	0.33	0.08	0.91	1.68	0.39	0.32	0.01	0.04	0.01	0.02	0.02	0.14	0.05	
1977	0.32	0.02	0.01	2.76	0.4	0.06	0.01	0.01	0.04	0.12	0.42	0.23	0.35	
1978	0.32	0.07	0.21	0.91	4.25	0.17	0.07	0.01	0	0.05	0.17	0.13	0.06	
1979	0.42	0.29	0.05	2.18	0.96	0.11	0.03	0.01	0.01	0	0.05	0.32	0.85	
1980	0.23	0.15	0.02	1.38	0.56	0.17	0.02	0.01	0.01	0.01	0.05	0.04	0.25	
1981	0.26	0.03	1.68	0.38	0.18	0.22	0.04	0.01	0.01	0.08	0.27	0.27	0.15	
1982	0.38	0.07	0.02	1.17	2.04	0.04	0.21	0.03	0.03	0.05	0.06	0.61	0.72	
1983	0.19	0.27	0.61	0.35	0.2	0.26	0.28	0.05	0.01	0.12	0.14	0.2	0.19	
1984	0.34	0.02	2.51	0.75	0.57	0.05	0.15	0.02	0.01	0.04	0.02	0.29	0.34	
1985	0.36	0.13	0.36	1.5	1.01	0.07	0.07	0.02	0.12	0.26	0.24	0.44	0.17	
1986	0.41	0.23	0.09	1.88	0.25	0.23	0.06	0.02	0.22	0.46	0.67	0.3	0.16	
1987	0.31	0.09	0.03	1.3	0.72	0.1	0.04	0.29	0.12	0.01	0.13	0.3	0.72	
1988	0.28	0.4	0.26	1.79	0.24	0.14	0.07	0	0.01	0.01	0.18	0.27	0.28	
1989	0.22	0.56	0.23	1.68	0.55	0.03	0.21	0.1	0.01	0.01	0.01	0.19	0.08	
1990	0.34	0.7	0.57	1.13	0.31	0.15	0.03	0.04	0.01	0.01	0.5	0.52	0.49	
1991	0.32	0.29	0.52	1.38	0.57	0.12	0.05	0.08	0.04	0	0.06	0.16	0.45	
1992	0.32	0.31	0.2	1.93	0.38	0.17	0.07	0.15	0.19	0.17	0.26	0.56	0.15	
1993	0.29	0.73	0.05	1.37	1.05	0.07	0.2	0.02	0	0.06	0.3	0.15	0.26	
1994	0.25	0.11	1.6	1.22	0.49	0.21	0.04	0.14	0.02	0	0.03	0.12	0.27	
1995	0.26	0.58	0.03	1.49	0.24	0.14	0.1	0.02	0.23	0.01	0.04	0.33	0.21	
1996	0.31	0.63	0.79	0.56	0.45	0.34	0.23	0.01	0.01	0.05	0.19	0.3	0.34	
1997	0.38	0.6	1.08	0.95	0.54	0.22	0.09	0.06	0.07	0.13	0.13	0.42	0.17	
1998	0.24	0.81	0.93	0.62	0.27	0.07	0.02	0.01	0.01	0	0.01	0.01	0.02	
1999	0.13	0.18	0.7	0.51	0.15	0.06	0.03	0.05	0	0	0.05	0.04	0.23	
2000	0.32	0.29	0.85	0.28	0.27	0.48	0.36	0.1	0.1	0.12	0.14	0.32	0.63	
2001	0.35	0.72	1.02	1.11	1.18	0.12	0.09	0.03	0.01	0.02	0.22	0.16	0.4	
2002	0.24	0.25	0.59	0.63	0.34	0.44	0.06	0.01	0.03	0	0.01	0.02	0.14	
2003	0.29	0.11	0.28	2.03	0.62	0.24	0.13	0.04	0.05	0.02	0.22	0.36	0.41	
2004	0.33	0.32	0.23	1.37	0.3	0.35	0.1	0.05	0.03	0.03	0.04	0.16	0.47	
	0.30	0.33	0.55	1.22	0.85	0.19	0.09	0.05	0.05	0.06	0.14	0.23	0.30	Average 1960 - 2004
	0.30	0.33	0.55	1.22	0.85	0.19	0.09	0.05	0.05	0.06	0.14	0.23	0.30	Average1968 - 2004
	0.31	0.32	0.53	1.28	0.94	0.17	0.08	0.05	0.06	0.07	0.15	0.24	0.29	Average 1968 - 1987

Blyth

Note Greyed area derived from BRFU provisional streamflow data. Hydat data 1985 to 1994

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1968	887.8	76.34	104.74	97.93	102.32	119.19	88.37	38.75	35.97	52.37	78.16	133.93	79.65	

1965	689.46	24.69	99.22	228.45	135.49	21.96	8.81	7.8	6.43	10.21	36.16	78.62	41.63		
1966	631.98	43.5	20.89	189.53	41.5	21.22	9.28	4.08	4.69	151.34	83.27	24.15	38.41		
1967	404.26	25.17	10.51	106.14	47.44	8.32	5.46	5.31	10.13	3.05	20.62	68.62	93.49		
1968	449.22	35.28	39.36	109.69	34.65	14.06	2.61	0.75	1	2.66	60.97	86.79	60.2		
1969	263.98	47.8	18.34	55.91	42.15	13.05	23.51	2.24	1.81	2.08	3.64	30.42	12.93		
1970	602.23	109	53.71	76.86	39.79	24.24	13.45	9.09	3.1	6	70.23	102.6	93.97		
1971	497.76	26.75	46.68	173.27	66.92	25.18	7.64	3.14	2.21	2.17	14.01	33.45	64.36		
1972	703.64	63.14	34.83	133.64	97.56	30.38	8.24	13.46	42.51	54.54	43.61	131.98	49.75		
1973	459.61	98.63	12.39	64.87	107.88	15.49	29.96	6.83	2.06	7.35	17.7	16.77	28.68		
1974	454.99	19.53	42.18	92.12	97.12	36.46	10.25	4.57	3.23	3.36	14.47	43.09	38.61		
1975	658.23	112.27	53.35	139.41	70.9	48.77	60.96	30.11	50.63	18.27	38.13	141.34	95.79		
1976	989.36	126.46	125.2	98.13	129.67	125.18	65.78	30.56	26.07	58.97	59.4	70.02	73.92		
1977	854.65	119.8	129.18	141.74	68.59	74.98	31.35	23.66	25.45	33.36	43.14	57.83	54.66		
1978	1088.96	110.58	67.28	106.51	52.89	31.69	24.08	20.58	19.7	150.75	125.16	146.11	233.65		
1979	807.8	80.82	77.11	57.24	58.53	39.07	25.45	19.58	14.59	16.41	93.49	170.45	155.11		
2000	992.71	109.86	94.26	88.53	74.13	103.06	81.25	47.21	62.12	72.61	58.98	99.98	99.7		
2001	794.33	87.02	131.45	94.24	123.14	27.58	35.14	12.73	12.98	22.16	119.06	65.21	74.64		
2002	447.4	70.29	96.51	110.85	70.43	37.25	15.54	6.96	8.44	5.16	2.11	5.64	20.32		
2003	525.18	28.25	30.75	91.26	37.49	54.19	23.2	6.72	9.13	14.28	67.34	39.9	83.71		
2004	558.27	57.45	41.69	144.66	45.14	79.15	26.18	30.17	11.21	9.97	14.16	30.86	67.54		
	645.71	69.51	61.05	115.47	73.52	41.56	24.85	14.23	15.79	32.29	49.44	74.71	74.10	Average 1960 - 2004	
	645.71	69.51	61.05	115.47	73.52	41.56	24.85	14.23	15.79	32.29	49.44	74.71	74.10	Average1965 - 2004	
	506.62	49.75	37.81	124.07	73.95	21.04	11.92	5.64	7.72	24.28	36.48	61.47	52.30	Average 1985 - 1994	

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1965	239.66	8.72	11	87.31	44.89	9.7	5.34	3.27	2.18	4.62	9.59	26.28	26.76	
1966	197.8	20.09	14.64	32.9	24.68	7.55	3.85	2.14	1.65	16.86	34.34	14.91	24.17	
1967	144.72	18.01	9.1	26.75	20.53	6.08	3.63	2.82	2.22	1.97	4.67	16.71	22.23	
1968	133.96	10.66	14.89	24.53	18.9	7.65	1.52	0.35	0.46	0.79	6.92	29.39	16.9	
1969	106.77	23.98	10.82	14.63	20.88	9.18	6.31	1.25	0.96	1.34	2.19	5.16	8.83	
1970	198.37	23.68	24.28	22.77	22.02	9.41	4.67	2.75	0.72	1.97	17.42	27.52	41.16	
1971	160	21.11	18.9	45.58	40.14	10.64	4.39	2.01	1.45	1.35	3.09	8.01	23.29	
1972	230.69	26.82	18.2	26.35	26.96	12.84	3.87	4.15	9.78	17.23	15.04	33.21	26.24	
1973	132.3	24.09	10.1	10	32.46	11.08	8.13	3.4	1.58	2	5.71	9.84	13.92	
1974	141.67	7.24	12.09	22.95	36.39	18.96	5.71	2.63	2.07	1.15	5.06	11.93	15.49	
1975	173.94	34.18	15.12	56.44	48.64	40.77	20.39	24.68	23.24	17.37	21.83	62.5	67.79	
1976	562.11	56.28	63.18	65.33	93.03	92.61	41.64	26.63	23.23	26.22	40.13	13.42	22.41	
1977	461.79	35.35	54.25	70.37	51.54	44.22	26.1	20.71	16.3	21.73	33.27	41.76	43.19	
1978	371.58	47.75	39.54	61.5	38.81	26.4	21.51	18.51	17.09	18.11	25.12	28	29.02	
1979	473.39	16.05	45.25	62.15	38.73	25.95	19.64	15.3	12.31	11.6	31.96	109.86	105.59	
2000	525.86	66.64	69.88	63.49	51.9	42.41	27.46	23.78	27.46	30.3	38.46	40.27	63.71	
2001	384.1	68.7	49.94	47.07	44.58	17.59	15.54	12.13	11.57	11.09	30.77	37.41	38.21	
2002	247.17	50.2	45.31	62.53	34.69	18.88	10.03	6.58	5.99	2.95	0.96	2.54	6.51	
2003	171.45	8.19	14.07	14.08	9.23	18.6	11.75	3.98	2.63	2.32	18.62	33.22	34.76	
2004	249.25	36.26	28.77	45.35	30.66	26.54	18.59	14.78	9.23	8.32	8.31	15.31	5.33	
	281.18	30.20	28.97	42.11	36.91	22.95	13.93	9.60	8.71	9.91	17.67	28.37	32.28	Average 1960 - 2004
	281.18	30.20	28.97	42.11	36.91	22.95	13.93	9.60	8.71	9.91	17.67	28.37	32.28	Average1965 - 2004
	170.59	18.44	14.40	31.40	29.89	10.31	4.74	2.48	2.31	4.93	10.40	18.40	22.90	Average 1985 - 1994

BFI

Year	Year BFI	1	2	3	4	5	6	7	8	9	10	11	12	
1965	0.34	0.35	0.11	0.38	0.33	0.44	0.61	0.42	0.34	0.45	0.27	0.33	0.64	
1966	0.31	0.46	0.7	0.17	0.59	0.36	0.41	0.53	0.35	0.11	0.41	0.62	0.63	
1967	0.36	0.72	0.87	0.25	0.43	0.73	0.66	0.53	0.22	0.65	0.23	0.24	0.34	
1968	0.3	0.3	0.38	0.22	0.57	0.54	0.58	0.47	0.46	0.3	0.11	0.34	0.28	
1969	0.4	0.5	0.59	0.23	0.5	0.7	0.27	0.53	0.53	0.64	0.6	0.2	0.68	
1970	0.33	0.22	0.45	0.3	0.55	0.38	0.35	0.3	0.23	0.33	0.25	0.27	0.44	
1971	0.36	0.79	0.4	0.26	0.42	0.42	0.57	0.65	0.66	0.62	0.22	0.24	0.36	
1972	0.33	0.42	0.52	0.2	0.38	0.42	0.47	0.31	0.23	0.32	0.34	0.25	0.53	
1973	0.32	0.24	0.82	0.15	0.3	0.72	0.27	0.58	0.76	0.27	0.32	0.59	0.47	
1974	0.31	0.37	0.29	0.25	0.37	0.52	0.56	0.58	0.64	0.34	0.35	0.28	0.4	
1975	0.26	0.3	0.9	0.4	0.66	0.84	0.5	0.82	0.46	0.9	0.56	0.44	0.71	
1976	0.57	0.45	0.5	0.67	0.72	0.74	0.63	0.87	0.85	0.43	0.68	0.18	0.3	
1977	0.57	0.3	0.42	0.5	0.74	0.59	0.83	0.88	0.76	0.65	0.75	0.72	0.79	
1978	0.34	0.43	0.59	0.58	0.73	0.84	0.89	0.9	0.87	0.12	0.2	0.19	0.12	
1979	0.59	0.2	0.59	0.74	0.66	0.66	0.77	0.78	0.84	0.71	0.34	0.64	0.68	
2000	0.53	0.61	0.53	0.72	0.7	0.41	0.34	0.5	0.44	0.42	0.64	0.4	0.64	
2001	0.48	0.79	0.38	0.5	0.36	0.64	0.62	0.95	0.89	0.5	0.26	0.57	0.51	
2002	0.55	0.71	0.47	0.56	0.49	0.51	0.65	0.95	0.93	0.57	0.45	0.45	0.32	
2003	0.33	0.45	0.46	0.15	0.25	0.34	0.53	0.59	0.29	0.16	0.28	0.37	0.42	
2004	0.45	0.63	0.68	0.31	0.68	0.36	0.71	0.49	0.82	0.83	0.59	0.49	0.09	
	0.42	0.46	0.53	0.38	0.52	0.56	0.56	0.63	0.58	0.47	0.39	0.39	0.47	Average 1960 - 2004
	0.42	0.46	0.53	0.38	0.52	0.56	0.56	0.63	0.58	0.47	0.39	0.39	0.47	Average1965 - 2004
	0.34	0.43	0.51	0.24	0.44	0.52	0.48	0.49	0.44	0.40	0.31	0.34	0.48	Average 1985 - 1994

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12	
1965	458.8	15.97	88.22	141.14	90.59	12.26	3.47	4.53	4.25	5.59	26.57	52.34	14.87	
1966	434.18	23.41	6.25	156.63	16.82	13.67	5.43	1.92	3.04	134.48	49.03	9.24	14.24	
1967	259.54	7.16	1.41	79.39	26.91	2.24	1.83	2.49	7.91	1.08	15.95	51.91	61.26	
1968	314.26	24.62	24.47	85.36	14.75	6.41	1.09	0.4	0.54	1.87	54.05	57.4	43.3	
1969	157.21	23.82	7.52	51.08	21.27	3.86	17.2	1.09	0.85	0.74	1.45	24.23	4.1	
1970	403.86	85.32	29.42	54.08	17.76	14.83	8.78	6.34	2.38	4.03	52.81	75.28	52.81	
1971	317.76	8.64	27.76	127.68	55.78	14.54	3.25	1.09	0.76	0.82	10.92	25.44	41.07	
1972	473.95	36.32	16.43	107.28	60.4	17.54	4.37	9.31	32.73	37.31	28.57	98.77	23.51	
1973	277.31	75.54	2.29	54.87	75.42	4.4	21.83	2.43	0.5	5.35	11.99	6.93	15.76	
1974	263.32	12.29	30.06	69.17	60.73	17.5	4.64	1.94	1.16	2.21	9.41	31.16	23.12	
1975	388.29	78.09	5.23	82.87	24.26	8	30.57	5.43	27.69	1.9	17.31	79.84	28	
1976	427.25	70.18	62.02	32.8	36.64	32.57	24.14	3.93	3.64	32.75	19.27	56.6	51.51	
1977	342.86	84.45	73.93	71.37	16.95	30.76	5.16	2.95	9.15	11.63	10.87	16.07	11.47	

1961	196.06	43.8	12.03	29.66	16.95	7.42	0	0	0	0	0	0	25.76	60.45		
1962	270.72	72.63	59.05	7.57	2.99	0	0	0	0	0	0	32.49	8.48	87.51		
1963	202.87	48.02	41.60	15.77	4.73	0.86	0	0	0	0	0	0	33.41	106.55		
1964	210.93	33.35	42.63	45.15	6.44	0	0	0	0	0	0	14.23	23.55	45.38		
1965	238.75	79.88	55.01	34.63	22.88	0	0	0	0	0	0	4.18	14.61	27.35		
1966	279.14	86.95	29.47	36.28	16.15	0.51	0	0	0	0	0	5.22	25.85	62.71		
1967	254.72	63.8	49.88	29.58	7.03	0	0	0	0	0	0	5.4	60.38	38.64		
1968	249.23	51.09	47.49	26.36	3.45	0	0	0	0	0	0	1.05	28.11	67.68		
1969	278.35	85.25	40.92	33.75	0	0	0	0	0	0	0	15.49	52.02	50.92		
1970	236.5	53.94	39.58	26.65	16.38	0	0	0	0	0	0	0	26.54	73.21		
1971	263.81	96.3	31.85	67.48	8.46	0	0	0	0	0	0	0	27.85	32.89		
1972	297.38	76.21	62.31	26.54	11.54	0	0	0	0	0	0	11.18	33.29	72.31		
1973	192.3	40.54	38.3	17.78	3.07	0	0	0	0	0	0	0	30.67	60.94		
1974	180.14	31.54	42.29	30.82	4.47	0.59	0	0	0	0	0	1.64	19.02	49.75		
1975	266.71	56.26	50.49	36.74	29.59	0	0	0	0	0	0	0	12.25	81.38		
1976	532.56	169.91	54.29	38.44	9.4	1.28	0	0	0	0	0	4.1	86.38	137.75		
1977	320.56	117.8	55.41	11.27	6.88	0	0	0	0	0	0	0	39.07	90.03		
1978	256.23	127.86	19.45	5.24	2.09	0	0	0	0	0	0	0	7.77	93.82		
1979	226.5	100.7	28.58	25.68	23.88	0	0	0	0	0	0	4.85	21.38	21.45		
1980	284.92	76.56	60.3	38.41	3.72	0	0	0	0	0	0	2.85	17.82	63.26		
1981	311.16	82.98	81.66	51.74	0.09	0	0	0	0	0	0	28.64	8.09	77.96		
1982	293.12	160.18	33.29	29.27	17.98	0	0	0	0	0	0	0.41	14.14	37.87		
1983	287.71	27.5	13.62	27.91	8.16	0	0	0	0	0	0	0	34.59	175.73		
1984	186.22	52.94	26.7	52.66	8.83	3.68	0	0	0	0	0	0	2.44	27.97		
1985	496.5	168.5	117.18	30.04	21.7	0	0	0	0	0	0	0	14.92	145.16		
1986	368.49	71.58	81.34	39.52	12.11	0	0	0	0	0	0	0	31.57	52.97		
1987	201.46	82.4	20.34	18.74	9.41	0	0	0	0	0	0	6.56	33.72	30.29		
1988	352.02	65.59	129.07	27.34	3.43	0	0	0	0	0	0	16.35	7.57	102.85		
1989	380.8	34.33	68.54	21.63	28.34	4.46	0	0	0	0	0	3.36	67.76	124.13		
1990	192.06	44.43	26.65	16.38	11.54	4.68	0	0	0	0	0	1.27	19.96	67.13		
1991	271.64	101.43	64.52	19.63	4.95	0	0	0	0	0	0	0	33.53	117.58		
1992	297.18	118.46	35.33	32.62	6.44	0	0	0	0	0	0	18.61	32.33	53.39		
1993	284.71	58	84.1	21.63	8.51	0	0	0	0	0	0	0.44	25.93	96.8		
1994	278.01	140.95	37.21	42.39	5.94	0	0	0	0	0	0	0	19.27	32.25		
1995	436.39	85.52	104.35	20	13.54	0	0	0	0	0	0	0	101.64	113.34		
1996	244.87	44.51	36.62	56.71	17.17	0	0	0	0	0	0	0	96.17	93.68		
1997	328.27	126.95	35.46	59.13	5.63	1.54	0	0	0	0	0	32.5	27.86	36.2		
1998	129.81	29.01	0.27	60.4	0	0	0	0	0	0	0	0	5.75	34.38		
1999	263.54	162.05	12.72	31.16	6.92	0	0	0	0	0	0	0	29.57	42.03		
2000	410.38	47.15	35.03	20.17	17.74	0	0	0	0	0	0	0	68.64	220.85		
2001	240.27	51.47	42.44	35.51	7.09	0	0	0	0	0	0	5.22	4.58	94.48		
2002	294.35	61.39	59.81	52.8	13.03	0.67	0	0	0	0	0	0.58	49.53	56.24		
2003	204.08	156.19	64.76	40.58	10.43	0	0	0	0	0	0	6.1	19.61	59.11		
2004	346.82	184.5	23.62	41.74	0.61	0	0	0	0	0	0	0	11.54	84.61		
	267.10	83.11	48.54	33.07	10.07	0.57	0.00	0.00	0.00	0.00	0.00	5.00	30.60	76.14	Average 1960 - 2004	
	295.62	87.83	49.19	33.49	9.94	0.45	0.00	0.00	0.00	0.00	0.00	4.34	31.43	78.95	Average1968 - 2004	
	262.43	83.12	49.47	33.06	10.19	0.48	0.00	0.00	0.00	0.00	0.00	4.42	32.34	79.35	Average 1968 - 2002	

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1968	477.01	30.14	147.82	121.45	24.17	7.99	5.11	2.11	15	3.13	11.98	41.76	66.33			
1969	509.61	71.66	71.05	106.52	132.29	66.73	7.97	2.18	1.1	0.44	2.37	26.8	20.5			
1970	336.03	14.21	18.4	44.37	139.52	21.83	4.27	8.39	8.43	2.69	8.96	21.87	44.99			
1971	348.45	21.79	26.19	104.06	141.66	8.47	14.05	3.06	1.17	1.03	0.98	1.4	22.19			
1972	262.61	28.07	11.75	99.21	143.25	13.46	5.29	5.46	1.1	0.64	9.3	17.85	70.23			
1973	426.39	126.38	26.43	130.69	32.85	35.14	9.13	2.24	1.74	0.54	0.85	24.69	35.71			
1974	414.3	84.52	31.7	96.25	82.36	72.18	12.36	3.02	1.05	0.63	1.62	26.19	12.42			
1975	545.66	68.95	46.54	109.37	129.41	14.9	18.28	4.52	32.33	23.29	5.51	17.51	68.85			
1976	548.61	26.78	156.9	226.91	47.68	38.03	4.06	9.82	1.79	3.63	4.25	34.2	12.86			
1977	553.93	7.7	9.61	255.11	33.44	5.59	2.85	0.59	8.88	30.89	55.28	70.93	70.06			
1978	445.63	16.61	9.98	62.52	205.03	20.26	9.06	1.33	0.61	16.04	55.35	17.82	31			
1979	631.68	27.77	9.76	241.07	126.45	20.73	4.66	3.18	0.92	0.4	8.65	83.55	104.52			
1980	623.19	21.25	5.39	151.26	96.15	22.91	8.27	3.13	12.24	4.63	24.04	34.84	53.99			
1981	552.95	5.4	216.3	65.48	34.01	40.48	7.37	2.93	1.66	18.98	96.85	34.32	28.96			
1982	656.98	26.78	6.43	158.76	182.83	9.1	25.27	3.34	3.26	3.71	3.75	81.84	149.59			
1983	267.43	30.98	51.88	26.63	62.57	63.25	16.43	1.77	2.66	10.4	14.24	33.02	73.27			
1984	552.2	13.79	168.59	100.58	39.78	15.7	31.76	3.07	1.17	3.66	3.08	96.9	104.11			
1985	797.79	33.01	111.88	234.8	119.64	13.38	21.43	11.28	18.88	41.38	50.83	97.47	43.93			
1986	694.36	67.27	21.52	175.84	28.14	23.63	10.7	3.52	23.13	165.35	111.5	20.8	42.96			
1987	458.38	19.02	6.95	123.68	50.68	5.53	6.58	10.49	11.29	3.32	23.46	83.23	114.15			
1988	498.28	32.62	42.09	140.29	33.42	15.8	2.29	0.46	0.55	1.6	63.28	96.89	68.19			
1989	269.43	41.64	26.7	47.13	11.19	91.4	26.83	12.02	8.56	0.72	0.61	0.77	1.45			
1990	656.14	126.06	64.18	76.08	32.84	33.91	8.12	11.62	2.02	3.62	83.96	102.36	111.37			
1991	550.07	30.68	49.58	174.66	96.92	15.68	4.16	6.57	2.22	0.76	9.07	30.36	80.34			
1992	680.16	68.63	44.67	126.89	80.17	26.36	10.98	41.11	35.01	37.45	32.4	126.53	49.96			
1993	414.84	98.49	9.93	54.38	102.3	10.47	27.42	3.93	1.26	13.89	34.87	22.01	35.58			
1994	284.81	19.68	47.67	77.05	87.84	26.63	11.67	23.47	4.57	2.5	5.24	32.45	53.04			
1995	456.55	67.54	11.46	111.06	45.68	20.62	28.79	4.37	13.68	1.1	7.66	110.35	34.34			
1996	639.21	103.39	63.28	40	85.96	58.04	35.84	6.11	3.15	9.29	41.26	82.95	108.94			
1997	684.91	112.32	202.61	107.99	28.68	47.14	10.51	7.43	28.53	23.5	31.75	55.73	28.72			
1998	225.37	75.41	36.18	76.69	21.35	7.3	1.85	0.44	0.7	0.3	0.6	1.32	2.89			
1999	209.63	17.77	54.1	22.41	20.05	12.92	4.42	1.79	0.49	0.26	0.94	6.2	28.48			
2000	520.36	26.82	42.52	27.34	23.1	105.47	71.21	41.77	19.07	10.16	16.95	49.43	63.52			
2001	607.14	52.95	109.13	76.68	86.89	14.08	9.36	2.01	2.01	13.28	84.35	43.41	69.97			
2002	369.12	54.1	103.27	82.93	52.43	37.09	11.8	3.36	2.11	0.95	0.7	2.16	21.2			
2003	623.99	14.79	35.52	124.52	60.35	65.79	19.84	8.75	8.82	12.12	75.54	114.64	103.81			
2004	571.93	56.52	10.57	212.29	30.51	98.06	17.26	12.24	3.46	2.56	4.21	27.16	74.09			
	499.16	48.40	58.60	113.32	73.24	32.71	14.26	7.40	7.70	13.29	26.66	46.59	58.98	Average 1960 - 2004		
	499.16	48.40	58.60	113.32	73.24	32.71	14.26	7.40	7.70	13.29	26.66	46.59	58.98	Average1968 - 2004		
	493.52	49.13	59.98	110.19	75.40	29.90	14.01	7.23	7.79	13.63	25.90	45.20	55.16	Average 1968 - 2002		

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1968	124.44	19.42	20.67	26.54	12.76	4.93	2.17	1.23	1.81	1.55	4.25	6.62	22.49			
1969	140.83	19.45	20.51	15.8	38.96	19.41	4.72	1.56	0.67	0.3	0.79	4.46	14.2			
1970	106.3	6.62	8.88	14.51	30.26	8.12	2.43	1.95	1.64	1.14	3.48	6.5	20.77			
1971	108.86	12.67	11.33	33	26.66	5.12	2.75	1.29	0.49	0.58	0.49	0.79	4.69			
1972	126.1	9.19	15.46	21.97	45.38	7.29	2.5	2.15	0.73	0.46	1.41	9.71	21.85			
1973	123.15	30.89	11.18	33.74	15.73	12.23	4.44	1.23	0.62	0.3	0.45	3.69	8.65			
1974	94.94	13.23	8.78	17.57	20.44	14.68	4.89	1.78	0.66	0.3	0.81	3.1	8.91			
1975	129.08	16.61	12.58	26.82	19.28	8.6	5.4	1.81	2.12	7.05	4.04	6.63	17.92			
1976	169.88	14.9	31.85	67.76	15.66	13.7	2.86	2.41	1.03	1.19	2.47	6.76	9.09			
1977	133.58	7.58	7.09	32.38	16.49	3.4	1.31	0.22	1.13	3.74	17.31	18.6	22.93			
1978	122.35	13.01	9.87	13.91	42.46	9.63	3.33	0.93	0.36	1.39	7.97	6.51	13.98			
1979	193.08	12.41	6.17	67.91	48.58	11.64	2.63	1.18	0.61	0.3	1.79	14.41	25.45			
1980	124.98	12.94	4.99	20.08	39.54	10.6	4.34	1.5	1.57	1.08	5.36	11.36	10.62			
1981	128.72	4.33	16.93	23.46	14.76	13.12	3.61	1.27	0.81	3.68	18.33	13.61	14.81			
1982	168.57	10.21	6.17	29.5	54.23	5.99	6.24	2.08	1.2	1.16	2.5	15.54	34.75			
1983	130.24	16.49	16.45	14.16	16.97	17.95	6.08	0.98	0.9	0.88	4.73	9.99	19.65			
1984	134.65	12.74	25.17	26.03	18.74	6.8	6	1.69	0.62	1.47	1.56	11.38	22.45			
1985	238.41	9.65	8.52	93.48	38.17	6.44	4.76	2.94	2.3	8.52	10.28	30.26	23.66			
1986	177.79	19.89	12.54	29.38	16.17	6.08	4.17	1.65	1.32	24.83	33.6	8.33	19.82			
1987	131.88	12.29	6.42	26.21	20.05	3.86	2	2.62	2.12	1.44	3.57	16.41	35.1			
1988	122.24	9.87	15.37	24.38	16.66	6.68	1.25	0.31	0.15	0.31	6.74	26.89	13.62			
1989	70.14	6.71	3.5	13.64	6.78	20.6	9.21	5.03	2.55	0.37	0.31	0.55	0.69			
1990	176.48	19.34	23.73	20.05	17.69	7.16	3.55	2.56	0.82	1.13	14.4	22.46	42.69			
1991	142.21	11.92	11.85	42.22	36.08	7.05	2.48	1.49	0.87	3.32	1.47	5.68	20.78			
1992	223.44	31.1	24.06	29.37	29.04	12.35	3.25	5.41	8.75	12.84	11.07	30.36	25.44			
1993	116.02	21.66	7.16	6.1	27.88	6.91	4.44	2.26	0.83	1.53	8.94	12.27	16.01			
1994	119.24	8.07	10.17	17.87	27.63	15.42	5.21	3.33	2.79	1.56	2.72	6.64	17.63			
1995	139.03	15.04	9.95	30.45	13.79	11.17	6.07	3.02	2.73	0.82	1.68	27.04	16.27			
1996	190.39	13.83	13.18	17.87	29.32	17.4	12.21	3.67	2	2.04	8.25	29.59	40.73			
1997	185.16	26.49	34.28	33.68	16.09	14.46	4.95	2.75	3.98	5.3	9.68	18.47	16.02			
1998	76.43	17.41	13.84	26.74	11.84	4.14	1.27	0.34	0.25	0.3	0.34	0.73	1.48			
1999	53.19	4.21	15.3	7.63	9	6.9	2.41	0.7	0.23	0	0.37	1.84	6.4			
2000	126.14	6.13	6.54	13.49	9.44	13.95	8.44	11.17	7.3	7.82	9.47	10.14	24.25			
2001	196.99	42.02	33.43	27.68	26.63	5.88	4.83	1.14	0.42	0.97	12.9	19.24	21.85			
2002	131.91	29.08	16.77	32.24	19.04	13.17	5.72	1.41	0.96	0.6	0.49	1.01	3.42			
2003	162.2	6.66	11.93	20.52	16.8	16.12	9.82	3.22	2.25	1.41	14.31	28.95	30.21			
2004	142.08	27.33	20.84	36.11	13.38	16.93	7.77	4.63	2.23	1.41	1.33	6.77	1.35			
	139.90	15.55	14.42	27.75	23.88	10.38	4.55	2.30	1.67	2.71	6.21	12.20	18.29	Average 1960 - 2004		
	139.90	15.55	14.42	27.75	23.88	10.38	4.55	2.30	1.67	2.71	6.21	12.20	18.29	Average1968 - 2004		
	139.20	15.47	14.31	27.66	24.38	10.02	4.31	2.20	1.64	2.78	6.12	11.87	18.44	Average 1968 - 2002		

BFI

Year	Year BFI	1	2	3	4	5	6	7	8	9	10	11	12

1968	0.26	0.64	0.14	0.22	0.53	0.62	0.62	0.58	0.12	0.5	0.35	0.16	0.34			
1969	0.28	0.27	0.29	0.15	0.29	0.29	0.59	0.72	0.61	0.68	0.33	0.17	0.69			
1970	0.32	0.61	0.48	0.33	0.22	0.37	0.56	0.21	0.19	0.42	0.39	0.3	0.46			
1971	0.31	0.58	0.43	0.32	0.25	0.6	0.2	0.42	0.57	0.5	0.56	0.21				
1972	0.33	0.33	0.69	0.25	0.29	0.54	0.47	0.38	0.66	0.72	0.15	0.54	0.31			
1973	0.29	0.24	0.42	0.26	0.48	0.35	0.49	0.55	0.36	0.56	0.53	0.15	0.24			
1974	0.23	0.16	0.28	0.2	0.25	0.2	0.4	0.59	0.62	0.48	0.5	0.12	0.72			
1975	0.24	0.24	0.27	0.26	0.15	0.58	0.3	0.4	0.07	0.3	0.76	0.38	0.26			
1976	0.3	0.56	0.2	0.3	0.34	0.36	0.7	0.25	0.58	0.33	0.58	0.14	0.71			
1977	0.24	0.99	0.74	0.13	0.5	0.64	0.46	0.37	0.13	0.12	0.31	0.26	0.34			
1978	0.27	0.78	0.89	0.22	0.21	0.48	0.37	0.7	0.59	0.09	0.14	0.37	0.45			
1979	0.31	0.45	0.63	0.28	0.38	0.58	0.56	0.37	0.66	0.75	0.21	0.17	0.24			
1980	0.3	0.61	0.95	0.13	0.41	0.48	0.52	0.48	0.13	0.23	0.26	0.67	0.19			
1981	0.23	0.8	0.08	0.36	0.43	0.32	0.49	0.43	0.49	0.19	0.18	0.4	0.51			
1982	0.26	0.35	0.96	0.19	0.3	0.66	0.21	0.62	0.37	0.31	0.67	0.19	0.23			

1999	0.18	0.51	0.76	0.47	0.13	0.09	0.03	0.02	0	0	0.01	0.04	0.28		
2000	0.29	0.39	0.8	0.21	0.2	0.51	0.32	0.2	0.12	0.16	0.16	0.31	0.25		
2001	0.37	0.24	0.94	1.3	1.1	0.08	0.05	0.02	0.02	0.08	0.41	0.25	0.42		
2002	0.25	0.38	0.66	0.62	0.33	0.22	0.08	0.03	0.04	0.01	0	0.01	0.28		
2003	0.42	0.09	0.41	2	0.42	0.36	0.13	0.07	0.08	0.08	0.54	0.69	0.67		
2004	0.4	0.25	0.4	1.43	0.31	0.44	0.13	0.07	0.02	0.03	0.04	0.22	0.68		
	0.34	0.41	0.66	1.26	0.75	0.21	0.11	0.08	0.06	0.07	0.18	0.28	0.38	Average 1962 - 2004	
	0.34	0.41	0.66	1.26	0.75	0.21	0.11	0.08	0.06	0.07	0.18	0.28	0.38	Average1968 - 2004	
	0.34	0.42	0.67	1.23	0.77	0.20	0.11	0.08	0.06	0.07	0.18	0.27	0.36	Average 1968 - 2002	

Berrimiller Note Greyed area derived from BWRC provisional streamflow data, mydat data 1989 to 2002

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	814.86	68.22	82.51	46.05	95.02	119.87	90.55	29.9	26.98	22.15	65.41	110.88	44.32	
1961	882.45	25.87	40.91	70.64	69.05	66.72	119.55	95.64	106.71	66.24	44.82	91.4	96.9	
1962	673.94	59.89	37.13	9.51	48.87	28.65	77.82	51.53	53.88	76.26	98.74	45.51	83.01	
1963	666.9	22.38	19.68	54.26	55.05	76.05	61.21	58.61	65.91	53.38	26.46	130.93	71.98	
1964	946.39	71.21	43.94	80.72	71.95	83.39	37	105.07	211.99	53.92	57.63	44.46	85.11	
1965	1016.55	81.98	72.81	31.65	62.11	61.52	24.04	68.34	108.68	136.95	132.19	96.67	115.21	
1966	927.56	43.32	93.61	91.28	62.65	67.21	78.75	13.31	105.14	102.58	52.77	139.07	121.87	
1967	1076.34	60.03	47.56	28.73	108.76	48.89	180.48	71.15	96.48	87.44	115.77	123.74	109.32	
1968	1045.28	71.47	76.95	51.74	51.79	54.23	88.42	66.81	170.76	117.77	71.9	115.43	156.79	
1969	949.21	88.41	29.06	47	105.35	121.41	82.57	81.21	29.18	34.48	139.85	140.36	58.64	
1970	891.26	34.35	27.87	58.12	69.36	73.45	43.04	168.01	39.09	121.36	109.95	62.97	83.69	
1971	790.46	81.48	81.33	58.17	35.41	24.13	93.71	111.55	87.08	43.95	39	52.91	156.74	
1972	940.8	72.17	51.01	67.84	47.11	48.52	118.04	44.09	68.83	75.09	137.36	74.51	124.61	
1973	919.41	53.64	39.6	107.46	49.07	106.51	76.56	73.15	72.44	46.82	82.41	132.26	79.39	
1974	927.28	82.05	40.79	67.23	111.77	138.6	72.8	39.45	32.52	73.2	58.21	136.54	53.12	
1975	1135.28	96.69	78.04	62.45	76.86	69.13	96.36	87.21	200.89	88.15	42.66	86.65	100.19	
1976	1047.95	95.57	68.01	114.51	91.96	87.28	76.69	97.48	65.49	116.16	75.04	92.17	67.59	
1977	1053.32	42.15	69.27	70.71	44.45	22.87	70.69	56.34	214.46	155.09	73.39	118.12	63.78	
1978	805.58	76.54	8.33	35.27	38.69	68	55.51	30.73	61.11	171.71	76.79	96.9	117	
1979	929.07	51.68	28.8	74.15	108.18	83.71	55.82	76.62	65.78	42.39	133.19	136.56	72.09	
1980	918.7	54.29	41.25	73.93	107.2	60.18	60.87	70.49	55.18	104.83	110.95	61.25	88.18	
1981	1055.26	27.41	73.57	59.23	79.45	75.88	65.27	65.48	143.06	132.13	158.09	58.46	66.23	
1982	994.93	60.36	18.72	71.88	64.06	68.22	96.49	73.91	127.52	105.97	49.83	142.55	105.31	
1983	1027.32	39.48	34.96	43.41	104.8	158.22	33.76	33.94	117.47	139.01	85.3	92.26	143.66	
1984	949.92	44.82	56.23	72.64	40.77	100.05	102.42	40.26	92.29	105.85	57.21	107.88	129.49	
1985	1223.62	94.09	127.68	104.53	82.26	103.52	54.81	85.02	159.37	76.49	102.85	126.38	94.61	
1986	1137.2	54.34	52.76	91.34	72.43	78.4	107.93	72.73	93.33	293.31	101.25	43.46	85.92	
1987	935.51	62.93	19.28	62.63	42.78	29.96	84.97	125.13	118.76	79.53	99.68	134.11	75.75	
1988	1001.79	61.29	82.82	54.87	73.61	68.06	16.16	103.89	73.74	135.3	168.68	124.5	95.87	
1989	952.28	55.12	93.02	41.52	64.95	105.74	83.86	6.66	97.26	95.66	82.21	161.74	67.54	
1990	1167.04	76.48	84.34	59.78	56.43	104.72	117.79	83.55	76.91	126.74	142.91	143.95	110.54	
1991	1102.85	57.82	69.76	101.54	125.22	95.79	48.36	119.77	93.55	75.8	119.15	102.44	94.63	
1992	1231.38	82.23	49.16	45.7	132.4	88.49	73.12	149.96	148.27	141.72	72.07	168.13	80.09	
1993	945.63	101.33	27.63	20.13	87.4	65.37	138.98	82.64	68.99	133.98	58.41	87.39	62.18	
1994	920.07	73.46	16.48	49.44	101.18	99.39	72.72	99.16	81.14	95.27	90.5	94.31	67.02	
1995	1173.63	99.25	57.28	55.08	102.19	71.69	123.55	97.57	102.61	49.76	140.63	212.33	66.59	
1996	1230.35	73.83	69.07	44.84	139.18	108.96	111.49	84.4	69.79	190.59	85.23	114.32	137.46	
1997	1055.51	115.74	96.26	103.63	30.96	103.03	49.61	74.17	124.89	111.27	82.96	62.08	46.91	
1998	692.66	77.4	22.72	102.47	38.41	54.18	41.74	29.87	99.52	38.87	38.61	73.25	73.62	
1999	845.38	86.47	68.75	31.61	70.18	71.02	75.8	52.03	63.62	87.55	75.4	156.26	73.67	
2000	1278.34	49.03	45.97	51.89	63.39	104.97	107.81	126.45	96.47	141.09	40.84	142.56	138.77	
2001	1123.01	49.28	117.14	38.73	51.37	104.18	87.78	44.64	100.75	136.04	175.68	101.67	115.75	
2002	911.26	56.69	104.96	71.51	99.98	100.44	81.24	80.9	42.75	57.65	73.45	78.21	63.28	
2003	1062.25	76.24	58.85	51.42	45.3	133.51	66.54	76.56	91.3	125.21	107.54	133.97	95.81	
2004	1032.5	94.44	28.02	112.32	57.24	171.62	81.85	111.91	65.99	36.62	74.77	96.79	101.03	
	981.39	66.34	55.02	63.00	74.20	95.79	82.12	76.66	96.37	99.61	88.57	105.54	90.07	Average 1962 - 2004
	1038.40	76.68	58.40	61.41	79.67	104.07	90.71	82.66	89.13	101.88	89.15	117.46	87.18	Average1989 - 2004
	1037.11	75.44	60.54	58.49	83.87	97.14	90.07	80.87	90.63	104.87	88.86	117.75	85.58	Average 1989 - 2002

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	279.44	59.4	74.63	50.55	8.92	0	0	0	0	0	6.24	20.06	59.64	
1961	205	41.68	11.17	32.61	18.83	15.37	0	0	0	0	0	25.15	65.19	
1962	266.46	73.81	60.3	7.18	4.02	0	0	0	0	0	22.13	10.68	88.34	
1963	243.87	51.23	33.51	17.23	5.97	1.2	0	0	0	0	0	32.58	102.15	
1964	201.63	31.8	40.6	44.27	5.27	0	0	0	0	0	10.16	23.04	46.49	
1965	236.45	72.19	55.6	30.58	22.17	0	0	0	0	0	5.1	10.42	27.39	
1966	260.57	71.52	29.49	34.3	15.13	0.72	0	0	0	0	0.03	30.96	78.42	
1967	258.85	69.7	47.21	29.58	9.27	0	0	0	0	0	3.13	56.81	43.15	
1968	291.22	60.45	57.08	32.2	2.95	0	0	0	0	0	0.65	30.12	66.77	
1969	283.4	89.25	37.35	31.4	0	0.06	0	0	0	0	22.23	50.44	52.67	
1970	245.86	52.41	40.1	32.28	16.74	0	0	0	0	0	0.01	24.43	79.88	
1971	275.03	100.87	35.07	65.39	8.56	0	0	0	0	0	0	27.33	37.71	
1972	293.97	62.3	67.47	27.21	15.4	0	0	0	0	0	7.26	31.68	64.64	
1973	177.65	40.19	35.23	18.22	3.39	0	0	0	0	0	0	19.61	61.01	
1974	174.22	33.15	38.22	30.24	2.21	0.25	0	0	0	0	1.24	24.29	44.57	
1975	279.21	62.69	53.37	32.31	16.57	0	0	0	0	0	0	13.6	82.67	
1976	453.04	132.66	46.09	37.42	9.66	0.68	0	0	0	0	5.19	67.63	103.5	
1977	258.42	95.32	41.6	11.38	2.21	0	0	0	0	0	0.01	28.37	79.53	
1978	236.96	113.66	17.06	9.24	2.64	0.01	0	0	0	0	0.01	7.55	36.76	
1979	189.35	81.41	27.29	16.62	24.24	0	0	0	0	0	2.64	16.36	18.79	
1980	267.88	62.72	59.87	35.19	1.8	0	0	0	0	0	1.68	21.18	84.57	
1981	247.12	65.1	47.02	39.27	0.02	0	0	0	0	0	27.61	8.09	60.01	
1982	237.91	116.88	33.17	27.25	15.58	0	0	0	0	0	0.32	11.61	33.12	
1983	256.74	21.72	11.27	24.1	4.59	0	0	0	0	0	0	35.4	159.66	
1984	173.78	58.21	25.9	43.35	3.96	0.66	0	0	0	0	0	0.9	40.8	
1985	425.02	129.43	112.96	30.2	17.04	0	0	0	0	0	0	10.96	124.43	
1986	237.87	62.32	32.54	30.99	11.41	0	0	0	0	0	0	32.71	44.9	
1987	191.6	75.94	17.18	20.64	9.5	0	0	0	0	0	3.19	35.37	29.77	
1988	273.62	51.14	100.58	20.13	2.99	0	0	0	0	0	9.18	4.97	84.42	
1989	208.89	29.4	70.12	21.99	26.73	2.42	0	0	0	0	4.84	54.9	98.48	
1990	163.54	40.82	30.18	11.41	7.11	1.83	0	0	0	0	0.23	19.15	52.61	
1991	314.76	85.67	79.11	19.75	3.97	0	0	0	0	0	0	29.28	97.08	
1992	248.45	94.59	32.02	25.9	4.42	0	0	0	0	0	9.71	25.92	55.89	
1993	245.45	61.62	61.14	21.4	4	0	0	0	0	0	1.39	23.22	70.68	
1994	225.02	98.58	29.65	36.73	4.59	0	0	0	0	0	0	19.76	36.71	
1995	387.27	80.51	69.75	19.81	11.06	0	0	0	0	0	0	98.26	97.89	
1996	319.95	52.4	37.04	56.53	15.99	0	0	0	0	0	0	74.45	83.54	
1997	307.67	125.79	28.58	70.53	4.17	3.01	0	0	0	0	25.82	20.8	30.96	
1998	139.99	30.38	0.49	55.72	0	0	0	0	0	0	0	5.74	37.66	
1999	270.44	136.06	13.14	32.94	7.87	0	0	0	0	0	0	36.77	43.56	
2000	384.79	49.6	37.77	15.14	16.3	0	0	0	0	0	0	84.76	200.22	
2001	242.15	43.2	46.46	36.48	6.58	0	0	0	0	0	7.26	5	96.87	
2002	280.82	59.79	55.49	46.74	14.86	0.66	0	0	0	0	1.66	43.05	58.57	
2003	325.96	126.64	64.07	36.22	7.68	0	0	0	0	0	3.28	24.32	54.74	
2004	309.75	153.38	21.52	36.43	1.22	0	0	0	0	0	0	14.92	82.28	
	263.07	73.91	44.64	31.30	9.24	0.44	0.00	0.00	0.00	0.00	4.05	28.77	70.73	Average 1962 - 2004
	280.38	79.27	43.55	34.01	8.67	0.37	0.00	0.00	0.00	0.00	3.39	36.21	74.92	Average1989 - 2004
	275.03	69.95	43.65	33.68	9.27	0.42	0.00	0.00	0.00	0.00	3.64	38.58	75.84	Average 1989 - 2002

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1969	349.19	58.03	21.47	81.47	65.98	21.45	26.71	4.24	3.83	3.69	6.44	38.94	16.94	
1990	623.07	79.67	55.74	94.84	44.65	28.11	13.63	11.66	5.16	7.23	78.52	101.24	102.42	
1991	552.17	43.5	52.63	175.12	111.49	27.82	10.12	12.26	9.11	2.84	13	25.86	69.46	
1992	753.79	59.86	39.56	126.81	106.14	40.01	11.19	23.36	44.4	50.64	40.68	145.64	62.5	
1993	514.24	115.3	15.58	44.73	141.53	18.23	39.69	10.45	5.46	14.92	33.86	28.32	28.18	
1994	450.22	22.47	72.22	87.55	99.26	46.18	12.82	15.49	9.88	6.35	9.14	30.31	43.55	
1995	518.34	76.48	13.86	129.73	48.71	25.18	29.31	6.88	25.52	3.16	9.7	107.88	41.95	
1996	628.85	86	63.55	54.26	98.34	62.51	39.47	9.05	4.8	29.06	36.73	63.31	83.77	
1997	622.83	82.27	122.2	148.25	62.17	50.63	12.34	8.03	13.45	17.68	19.01	45.5	20.32	
1998	326.63	103.21	43.22	110.51	37.07	11.54	4.25	2.42	1.75	1.26	2.23	2.87	6.3	
1999	215.98	39.4	55.96	29.1	20.75	11.68	5.36	3.67	1.72	1.04	2.97	11.38	24.07	
2000	547.12	27.25	61.22	36.48	29.77	112.64	76.8	34.5	23.4	20.29	20.47	58.96	52.74	
2001	645.14	48.96	157.82	79.68	113.87	23.17	19.27	5.37	3.76	8.26	65.31	44.84	74.74	
2002	387.75	52.18	85.32	94.2	65	42.49	22.43	5.59	4.29	1.75	3	5.08	16.43	
2003	390.08	24.37	47.08	129.8	53.36	52.64	21.91	11.1	20.23	8.44	49.05	90.02	82.08	
2004	647.86	66.68	127.16	142.49	65.27	80.91	22.85	22.52	8.08	5.12	6.49	26.74	70.91	
	523.77	62.48	63.41	97.81	73.21	41.20	23.11	11.67	11.36	11.92	24.79	51.74	51.56	Average 1962 - 2004
	523.77	62.48	63.41	97.81	73.21	41.20	23.11	11.67	11.36	11.92	24.79	51.74	51.56	Average1989 - 2004
	533.17	64.90	60.03	92.34	75.20	37.33	23.21	10.94	10.97	12.65	24.36	50.79	47.45	Average 1989 - 2002

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	

1989	203.82	36.46	9.21	63.89	33.08	5.2	13.52	1.41	1.74	1.42	2.76	30.06	5.07										
1990	376.5	58.16	27.31	64.48	18.27	16.51	6.08	5.51	1.76	3.35	57.89	47.76	49.4										
1991	241.53	21.6	65.06	122.15	61.89	14.11	4.14	8.26	5.67	0.72	8.88	17.61	42.18										
1992	450.16	26.9	13.38	91.23	60.1	20.74	5.87	17.02	20.79	31.23	22.75	102.33	27.81										
1993	329.82	90.62	3.4	34.28	101.52	4	29.06	3.06	0.91	9.91	20.84	11.57	18.74										
1994	280.77	10.93	57.7	62.98	58.77	21.41	5.33	9.95	1.99	1.24	4.37	19.77	24.32										
1995	353.78	58.24	3.6	104.54	28.92	9.71	21.76	1.88	20.22	0.4	5.91	77.66	20.93										
1996	389.17	68.82	46.62	29.59	56.93	37.35	20.66	2.9	1.68	24.1	23.28	33.32	43.92										
1997	365.84	62.11	62.35	104.22	28.96	28.96	5.17	3.01	9.49	11.56	10.17	29.61	11.21										
1998	198.73	76.83	25.43	67.03	15.61	4.52	1.01	0.58	0.64	0.36	0.86	0.92	2.94										
1999	128.47	29.93	33.82	16.53	14.47	6.95	1.79	1.81	0.48	0.14	1.47	9.81	14.27										
2000	376.99	17.31	33.36	16.94	14.8	92.67	63.9	19.12	13.21	25.1	7	43.55	33.03										
2001	388.97	11.58	117.74	41.81	76.88	13.22	9.63	1.65	1.88	5.91	49.84	17.86	41.85										
2002	198.01	13.22	54.13	50.99	34.17	18.56	10.59	1.79	1.7	0.25	1.56	1.64	9.92										
2003	156.12	12.52	21.11	84.58	23.93	32.4	9.42	4.4	14.04	5.91	33.75	12.58	42.47										
2004	418.6	32.74	75.81	132.5	32.25	51.99	9.36	12.92	2.38	1.39	2.97	16.58	57.71										
	322.96	39.38	40.63	67.42	41.33	23.71	13.58	5.97	6.79	7.42	15.80	33.07	27.66	Average 1962 - 2004									
	322.96	39.38	40.63	67.42	41.33	23.71	13.58	5.97	6.79	7.42	15.80	33.07	27.66	Average1989 - 2004									
	315.18	41.77	39.51	62.26	43.23	21.21	14.18	5.59	6.58	7.96	15.43	32.76	24.68	Average 1989 - 2002									

RI

Year	Year RI	1	2	3	4	5	6	7	8	9	10	11	12										
1989	0.23	0.66	0.18	1.54	0.51	0.05	0.16	0.21	0.02	0.02	0.03	0.19	0.08										
1990	0.32	0.73	0.42	1.08	0.32	0.16	0.05	0.07	0.02	0.03	0.41	0.47	0.45										
1991	0.31	0.37	0.51	1.2	0.49	0.15	0.09	0.07	0.06	0.01	0.07	0.17	0.45										
1992	0.37	0.33	0.28	1.95	0.45	0.23	0.08	0.11	0.21	0.22	0.32	0.61	0.35										
1993	0.35	0.89	0.09	1.7	1.16	0.08	0.21	0.04	0.01	0.07	0.35	0.13	0.3										
1994	0.31	0.15	3.5	1.29	0.54	0.22	0.07	0.1	0.02	0.01	0.07	0.21	0.36										
1995	0.3	0.59	0.06	1.9	0.28	0.14	0.18	0.02	0.2	0.01	0.04	0.37	0.31										
1996	0.32	0.93	0.67	0.66	0.41	0.34	0.19	0.03	0.02	0.13	0.27	0.29	0.32										
1997	0.4	0.54	0.96	1.01	0.94	0.28	0.11	0.04	0.08	0.1	0.12	0.46	0.24										
1998	0.29	1.02	1.12	0.65	0.4	0.08	0.02	0.02	0.01	0.01	0.02	0.01	0.04										
1999	0.15	0.34	0.68	0.52	0.21	0.1	0.02	0.02	0.01	0	0.02	0.06	0.19										
2000	0.29	0.38	0.73	0.33	0.23	0.51	0.32	0.15	0.13	0.15	0.17	0.31	0.24										
2001	0.35	0.24	1.01	1.08	1.5	0.13	0.11	0.04	0.02	0.04	0.28	0.18	0.36										
2002	0.22	0.23	0.52	0.71	0.34	0.18	0.13	0.02	0.04	0	0.01	0.02	0.16										
2003	0.32	0.16	0.38	1.64	0.55	0.23	0.14	0.06	0.15	0.05	0.31	0.4	0.44										
2004	0.41	0.35	2.7	1.08	0.56	0.3	0.11	0.12	0.04	0.04	0.04	0.17	0.57										
	0.31	0.49	0.86	1.15	0.56	0.20	0.12	0.07	0.07	0.06	0.16	0.25	0.30	Average 1962 - 2004									
	0.31	0.49	0.86	1.15	0.56	0.20	0.12	0.07	0.07	0.06	0.16	0.25	0.30	Average1989 - 2004									
	0.30	0.53	0.77	1.12	0.56	0.19	0.12	0.07	0.06	0.06	0.16	0.25	0.28	Average 1989 - 2002									

Lucknow (Nine Mile) Note Greyed area derived from BRFU provisional streamflow data. Hydat data 1962 to 1995

BRFU provisional data not included as known to be erroneous (bad rating curve)

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	931.9	131.9	94.2	52.6	78.6	120.3	68.7	21.3	53.6	62.5	66.3	116	85.9
1961	1054.9	53.9	39.7	78.1	61.5	62.1	121.2	184.2	117.2	95.3	51.2	80.5	97
1962	836.7	84.5	53.2	23.2	50.3	43	54	79.4	48.7	101.6	133.1	43.3	145.4
1963	854.9	49.4	22.8	73.5	55.4	76.4	64.6	67.6	70.7	95.1	24.9	149.6	115.7
1964	871.1	51.6	60.3	53.2	44.6	92.7	39.5	108.8	158.4	98.1	53.2	53.2	88.5
1965	1043	102.1	150.5	27.1	66.6	92.7	25.6	52.1	105.7	147.2	81.8	104.4	118.4
1966	932.2	53.9	58.3	113.8	69.3	50.9	49.5	16	92.4	91.1	76.3	101.8	159.9
1967	1219.9	103.6	74.4	38.4	96.4	61.4	188.1	20.3	146.6	99.7	134.7	158.7	110.6
1968	1082.1	64.9	112.6	46.8	53.6	44.5	101.9	63.6	134.9	110.9	114.4	104.5	129.5
1969	1085.7	117.3	31	51.2	98.3	96.2	118.7	64.2	14.8	77.6	167.4	150.7	96.3
1970	888.5	92.8	38.2	52	50.4	37.8	32.3	187.6	43	104.2	87.2	57.8	105.2
1971	924.6	123.9	80.4	58.1	52.8	37.6	76.9	128.4	81.1	51.4	34.3	74.3	122.4
1972	924.8	105.1	72.7	25.9	28.4	26.2	110.6	55.1	93.4	45.7	127.1	64.7	160.5
1973	889.2	49.5	34.1	83.2	62.3	105.6	61.8	92	26	46.5	98.7	143.2	87.4
1974	1178	122.8	86.9	70.1	146.7	122.2	57.2	76.4	79	80	111.8	147.4	57.3
1975	1112.3	161.7	99.1	89	73.4	63.5	79	85.3	106.8	88.6	33	89.6	143.1
1976	1087	125.4	65.8	112.7	48.6	103.8	94	73.6	27.6	123	89.3	118.4	124.5
1977	1114.6	96.6	76.3	68	35.8	21.6	85.5	44.4	252.1	147.5	90.4	124.6	73.8
1978	700.2	75.2	15.9	5.9	22.2	75.9	91	35	76.3	80	55.1	47.1	118.6
1979	887	85.2	19.6	62.8	134	54.5	42	38	79	20.5	159	105.3	68.3
1980	955.3	68.1	68.6	63.9	91.5	71	70	106.5	43.5	101	94.5	95	81.3
1981	982.2	63.6	57	51.8	99	76.5	69.5	50.9	123	118.3	118.6	75.4	78.6
1982	1012	62.4	17.8	49.3	61.5	64.5	101	69	107	81.5	50.5	146.4	129.1
1983	999.5	56.4	41.6	62.2	96.2	118.5	29	36	149	135.5	156.5	71.7	96.9
1984	962.5	60.8	67.8	68.3	58.4	138.5	107.5	43.7	63	143.5	63.2	72	83.8
1985	1163.7	95.4	130.2	98.6	77.8	108.5	55	65.5	115	115.5	100	98.7	123.3
1986	1256.4	75.4	58.4	68.8	80.9	61.5	175	103.7	106.2	301.5	91	85.2	62.8
1987	1052.1	81	13.5	68.2	49.7	48	123.5	63.5	143	94.5	165.5	123.7	78
1988	1183.3	87.7	127.2	54.7	63.7	90.5	19	51.7	97	136	240.5	110.1	111.2
1989	931.8	54.8	45.8	77.7	63.2	125.4	105.2	0.5	88.5	56.5	70.8	165.9	77.5
1990	1238.1	117.2	96.1	68.4	102.3	95	69	90	57.5	101	155.5	141.8	119.3
1991	1138.9	49.6	58.9	92.6	114	106.2	67.5	102.5	94.5	101	115.5	140.8	96.8
1992	1118.6	67.4	39.6	50.3	117.6	38.5	79	111.5	145	146	71.9	193.3	60.5
1993	969.3	81.8	43.6	14.1	95.6	51	132.4	68.7	43.7	198	54	84.8	104.6
1994	1038.8	141.5	36.8	70.8	97.8	87.7	76.1	103.6	76.5	101.7	54.5	109.6	91.1
1995	1470.7	152.6	125.4	66.6	191.6	55.8	178.7	111.5	114.7	34.7	141.5	258.9	119.9
1996	1306.4	73.5	86.2	55	109.7	121	122	87.7	79	201	102	175.5	234
1997	1212.3	179.8	115.2	130.6	30.7	116.4	42.3	91	135.8	137	81.6	92.7	81.2
1998	747.6	52.2	21	129.8	42.8	78.8	35.3	24	83.8	28.8	57.3	95.1	87.7
1999	674.5	138.2	48.3	34.3	105.6	97.5	54.3	49.6	59.9	97.3	74.8	125.3	89.4
2000	1574.2	63	54	78.3	68.3	203.3	200.1	126	128.1	158.1	63.9	171	260.1
2001	1307.4	75	139	65.4	56.6	85.7	90.6	70.6	82.8	167.1	204.2	95.4	195
2002	1060.1	100.9	173.1	105.8	104.3	114.5	81.2	72.8	34.3	35.2	92.1	88.6	87.3
2003	1322.4	171.9	88.1	60.4	51.6	164.1	77.2	94.6	82.9	148.1	128.4	116.1	149
2004	1238.7	173.5	47.7	138	60.2	201	75.4	122.3	63.7	65.9	78.1	102.4	135.5
	1068.58	93.56	68.82	67.63	75.22	86.42	65.22	75.91	92.33	104.54	96.03	110.71	112.18	Average 1962 - 2004
	1082.01	83.46	64.27	65.65	65.99	84.43	64.21	73.93	99.01	122.14	105.56	118.46	94.92	Average1989 - 1995
	1082.01	83.46	64.27	65.65	65.99	84.43	64.21	73.93	99.01	122.14	105.56	118.46	94.92	Average 1989 - 1995

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	387.1	111.8	72.2	58.7	5.1	0	0	0	0	0	3.8	12.7	121.8
1961	249.7	86.4	10.1	33.1	19	7.6	0	0	0	0	0	17.8	75.7
1962	421.6	106.4	77.6	9.1	2.5	0	0	0	0	0	27.4	8.7	189.9
1963	378.9	111.5	44.1	22.2	7.6	0	0	0	0	0	0	10.1	183.4
1964	229.5	20.8	61.9	30.7	4	0	0	0	0	0	8.1	41.1	62.9
1965	432.3	148.6	160.7	30	12.7	0	0	0	0	0	5.1	15.1	40.1
1966	362.8	96.8	50.1	43.2	23.3	0	0	0	0	0	0	4.9	144.5
1967	315.6	100.2	73.1	36.9	7.4	0	0	0	0	0	2.5	47	48.3
1968	413.9	63.7	108.1	28	2.5	0	0	0	0	0	7.6	38	146
1969	468.7	168.5	81	49.6	0	5.1	0	0	0	0	16.3	64.8	105.4
1970	403.7	161.5	61.1	49.5	20.3	0	0	0	0	0	0	24.9	106.4
1971	463.9	200.4	70	68	17.8	0	0	0	0	0	0	51.3	58.4
1972	380.7	115.7	120.6	30.3	7.6	0	0	0	0	0	12.7	21.6	72.2
1973	216.9	54.6	49.6	25.4	10.1	0	0	0	0	0	0	24	53.2
1974	306.7	91.3	72.5	43.2	3.3	0	0	0	0	0	10.1	33	53.3
1975	368.7	120.8	68.6	40.7	38.4	0	0	0	0	0	0	10.1	88.9
1976	577.4	173.9	59	32.8	16.5	5.1	0	0	0	0	2.5	99.8	198
1977	424.8	198.4	68.5	15.2	2.5	0	0	0	0	0	0	38.1	103.1
1978	264	112	29	7	3	0	0	0	0	0	0	7	96
1979	291.5	149	42	16.5	25	0	0	0	0	0	0	11	38
1980	331.2	96.2	103	50	3	0	0	0	0	0	0	11	71
1981	342	145.5	69.5	46	0	0	0	0	0	0	17	5	79
1982	274.5	138	31	31	16.5	0	0	0	0	0	0	12	52
1983	276.5	54	16.5	41	2	0	0	0	0	0	0	13	149
1984	229	53	46	28	2	0	0	0	0	0	0	8	52
1985	454	143	94	32	14	0	0	0	0	0	0	7	164
1986	327.6	108.6	79	51	7	0	0	0	0	0	0	33	58
1987	220.2	88	14.6	25	22	0	0	0	0	0	0	26	31.6
1988	492.2	108	192	33	3	0	0	0	0	0	11.6	4	131.6
1989	283	37.2	67.2	50	24	1	0	0	0	0	2	66.4	105
1990	280.8	89	86	8	26	1.6	0	0	0	0	0	6.6	63.6
1991	261.5	71	76.5	23	9	0	0	0	0	0	0	63.5	117.5
1992	294	107.7	37.8	46	9.5	0	0	0	0	0	13	37	43
1993	212.2	49	40	14	19	0	0	0	0	0	0	14.7	115.5
1994	427.5	239.2	59	60.8	2.4	0	0	0	0	0	0	22.7	43.6
1995	704	128.8	198.8	26.5	16.5	0	0	0	0	0	0	125.7	207.7
1996	523.2	64.2	65.5	76.6	26.3	0	0	0	0	0	0	124.5	166.1
1997	487.1	210.6	70.1	82.8	7.2	4.1	0	0	0	0	25	26.9	58.4
1998	147.5	18.9	0	68.6	0	0	0	0	0	0	0	7.7	52.3
1999	411.6	254.9	19.9	30	10.2	0	0	0	0	0	0	33.8	62.8
2000	634.5	60.6	52.3	28.2	23.7	0	0	0	0	0	0	97.5	372.2
2001	375.7	66.5	73.9	41	7.8	0	0	0	0	0	4.6	4.6	177.1
2002	433	92.6	109.9	79.7	15.4	0	0	0	0	0	0	54.5	80.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1960	0.45	0.57	0.87	0.23	0.48	0.64	0.67	0.54	0.75	0.5	0.42	0.69	0.34				
1961	0.42	0.83	0.15	0.58	0.64	0.46	0.57	0.47	0.36	0.32	0.4	0.45	0.62				
1962	0.41	0.58	0.85	0.24	0.42	0.64	0.25	0.68	0.56	0.61	0.74	0.34	0.41				
1963	0.6	0.78	0.51	0.72	0.4	0.54	0.66	0.79	0.64	0.38	0.55	0.6	0.54				
1964	0.45	0.96	0.25	0.45	0.59	0.42	0.54	0.78	0.78	0.51	0.7	0.43	0.43				
1965	0.48	0.76	0.29	0.44	0.43	0.54	0.69	0.75	0.61	0.5	0.54	0.45	0.75				
1966	0.48	0.66	0.79	0.27	0.64	0.62	0.5	0.72	0.7	0.22	0.6	0.77	0.72				
1967	0.5	0.85	0.84	0.34	0.56	0.76	0.52	0.74	0.53	0.65	0.3	0.43	0.48				
1968	0.46	0.53	0.49	0.56	0.63	0.55	0.75	0.67	0.74	0.65	0.19	0.46	0.45				
1969	0.51	0.64	0.7	0.25	0.58	0.67	0.49	0.74	0.73	0.86	0.74	0.3	0.79				
1970	0.44	0.32	0.59	0.33	0.63	0.52	0.71	0.63	0.76	0.63	0.26	0.33	0.51				
1971	0.49	0.7	0.46	0.39	0.53	0.53	0.55	0.44	0.69	0.68	0.42	0.36	0.5				
1972	0.48	0.64	0.66	0.33	0.54	0.66	0.65	0.67	0.38	0.31	0.58	0.32	0.67				
1973	0.47	0.38	0.84	0.32	0.39	0.73	0.47	0.73	0.79	0.27	0.51	0.73	0.6				
1974	0.44	0.56	0.38	0.4	0.44	0.56	0.5	0.58	0.49	0.52	0.6	0.32	0.55				
1975	0.45	0.36	0.87	0.27	0.58	0.64	0.44	0.67	0.23	0.8	0.45	0.35	0.75				
1976																	
1977																	
1978																	
1979																	
2000																	
2001																	
2002																	
2003																	
2004																	
	0.47	0.63	0.59	0.37	0.54	0.59	0.56	0.68	0.61	0.53	0.51	0.46	0.57	Average 1960~2004			
	0.47	0.63	0.59	0.37	0.54	0.59	0.56	0.68	0.61	0.53	0.51	0.46	0.57	Average1960~1995			
	0.47	0.63	0.59	0.37	0.54	0.59	0.56	0.68	0.61	0.53	0.51	0.46	0.57	Average 1960~1995			

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12

1960	330.68	20.49	2.54	104.69	69.85	12.67	5.44	6.78	1.96	7.76	29.88	12.36	56.14				
1961	343.63	3.22	152.38	40.04	23.28	29.93	7.61	2.27	4.96	14.13	22.92	25.96	16.91				
1962	396.06	18.44	2.96	102.95	66.42	11.5	53.49	5.22	6.57	5.56	3.61	34.68	64.66				
1963	194.31	11.78	31.59	14.41	23.17	23.99	6.85	2.04	4.1	13.38	14.64	16.74	31.62				
1964	375.08	1.37	143.67	61.58	30.5	30.95	13.4	2.72	1.89	8.02	5.41	33.99	44.19				
1965	430.88	11.47	78.61	138.91	193	18	6.16	3.08	5.05	11.7	13.16	33.64	10.9				
1966	410.41	28.24	7.38	125.76	24.26	12.23	15.45	4.58	4.93	125.91	38.02	9.67	15.97				
1967	269.94	6.22	3.91	87.67	29.81	4	7.73	2.9	5.79	2.84	23.58	41.04	54.45				
1968	319.23	39.31	38.41	73.88	20.37	14.22	1.83	0.58	1.17	2.75	52.39	45.4	40.67				
1969	186.3	20.2	8.82	76.49	25.4	9.12	14.71	1.93	1.74	0.7	1.79	20.67	4.72				
1970	384.9	77.21	27.45	86.06	21.74	16.19	3.08	3.22	1.61	3.16	29.37	63.29	52.52				
1971	253.19	17.7	38.32	155.1	59.85	21.91	10.61	11.06	2.68	2.05	12.73	32.09	43.08				
1972	395.35	26.58	16.84	106.68	52.74	10.65	4.89	3.83	17.01	32.84	13.64	87.59	22.06				
1973	296.55	68.71	4.45	48.37	81.74	8.28	19.46	3.24	1.41	21.64	16.4	8.17	16.68				
1974	244.96	10.89	52.67	67.02	76.57	31.1	13.05	8.26	11.84	7.32	5.72	36.47	24.05				
1975	364.08	56.62	3.26	102.18	25.48	11.72	9.49	3.96	38.41	2	10.35	81.23	19.35				
1976																	
1977																	
1978																	
1979																	
2000																	
2001																	
2002																	
2003																	
2004																	
	227.41	25.52	38.17	83.61	46.89	16.65	12.09	4.11	6.97	16.36	18.36	36.32	32.37	Average 1960~2004			
	227.41	25.52	38.17	83.61	46.89	16.65	12.09	4.11	6.97	16.36	18.36	36.32	32.37	Average1960~1995			
	227.41	25.52	38.17	83.61	46.89	16.65	12.09	4.11	6.97	16.36	18.36	36.32	32.37	Average 1960~1995			

RI

Year	Year RI	1	2	3	4	5	6	7	8	9	10	11	12

1960	0.35	0.3	0.04	1.11	0.76	0.18	0.08	0.06	0.05	0.08	0.32	0.19	0.69				
1961	0.35	0.05	2.67	0.77	0.24	0.38	0.11	0.04	0.04	0.12	0.19	0.34	0.22				
1962	0.39	0.24	0.17	2.08	1.38	0.17	0.35	0.08	0.06	0.07	0.07	0.24	0.5				
1963	0.19	0.21	0.76	0.23	0.24	0.2	0.24	0.06	0.03	0.1	0.14	0.23	0.33				
1964	0.38	0.02	2.08	0.88	0.52	0.22	0.13	0.06	0.02	0.06	0.09	0.47	0.53				
1965	0.36	0.12	0.61	1.39	1.29	0.34	0.11	0.05	0.04	0.1	0.13	0.34	0.09				
1966	0.33	0.35	0.12	1.88	0.28	0.2	0.09	0.04	0.05	0.42	0.42	0.21	0.25				
1967	0.26	0.08	0.29	1.29	0.4	0.08	0.06	0.05	0.04	0.03	0.14	0.33	0.7				
1968	0.27	0.33	0.3	1.35	0.32	0.16	0.1	0.01	0.02	0.02	0.22	0.39	0.37				
1969	0.2	0.37	0.19	0.98	0.4	0.07	0.14	3.66	0.02	0.01	0.03	0.12	0.06				
1970	0.32	0.66	0.29	1.26	0.21	0.17	0.04	0.04	0.03	0.03	0.2	0.45	0.44				
1971	0.31	0.36	0.65	1.09	0.52	0.21	0.16	0.11	0.03	0.02	0.11	0.23	0.45				
1972	0.35	0.39	0.43	2.12	0.45	0.28	0.06	0.03	0.12	0.23	0.19	0.45	0.36				
1973	0.31	0.85	0.1	3.43	0.86	0.16	0.25	0.05	0.03	0.11	0.3	0.1	0.16				
1974	0.33	0.08	1.43	0.95	0.78	0.32	0.17	0.08	0.15	0.07	0.1	0.36	0.3				
1975	0.25	0.37	0.03	1.68	0.26	0.21	0.05	0.04	0.33	0.06	0.07	0.31	0.14				
1976																	
1977																	
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2004																	
	0.31	0.30	0.64	1.41	0.57	0.20	0.13	0.29	0.07	0.10	0.17	0.30	0.35	Average 1960~2004			
	0.31	0.30	0.64	1.41	0.57	0.20	0.13	0.29	0.07	0.10	0.17	0.30	0.35	Average1960~1995			
	0.31	0.30	0.64	1.41	0.57	0.20	0.13	0.29	0.07	0.10	0.17	0.30	0.35	Average 1960~1995			

Bovte Dr

Note Grewol area derived from BRFU oroutonal rewerflow data. Hodat data 1968 to 1976

No BRFU data presented here

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	712.04	59.25	53.38	26.08	83.5	120.02	75.9	36.65	52.01	18.2	57.6	101.84	27.4
1961	660.08	11.56	37.38	37.95	66.01	68.57	132.77	126.36	81.81	90.53	37.27	76.45	87.42
1962	618.72	39.97	26.54	3.24	50.59	33.1	81.89	52.02	82.72	66.46	80.36	56.76	48.26
1963	640.29	17.04	15.25	41.98	69.56	77.27	52.63	60.84	68.52	71.48	19.62	93.75	52.29
1964	838.45	58.02	28.45	73.58	64.77	98.11	41.86	104.46	186.15	39.4	42.21	39.37	72.07
1965	984.53	67.06	61.36	19.53	52.53	76.04	26.98	106.01	135.97	113.76	158.68	92.02	83.59
1966	926.44	48.48	68	70.81	58.49	65.44	105.97	15.34	113.05	94.26	38.14	152.14	100.12
1967	1052.05	51.3	46.44	26.94	113.41	49.98	195.42	67.94	102.28	96.21	108.33	155.02	98.58
1968	987.53	61.29	55.73	51.54	40.29	51.43	77.27	64.87	175.57	132.65	70.24	123.44	93.21
1969	893.67	73.38	29.44	43.09	109.12	101.88	61.03	96.25	49.49	23.37	94.43	151.68	54.31
1970	941.45	27.85	26.49	45.95	88.56	93.38	55.49	122.27	58.05	146.01	112.51	70.06	94.84
1971	807.34	55.81	92.35	43.89	37.08	24.32	80.14	122.82	109.12	45.44	36.06	50.72	109.48
1972	912.65	65.1	49.57	76.82	60.76	38	98.25	48.6	52.51	94.88	130.05	73.22	119.39
1973	938.88	48.23	49.24	114.18	48.53	107.4	85.95	58.24	79.58	52.68	84.06	135.4	78.97
1974	955.87	78.66	62.79	90.63	111.6	151.79	60.45	35.2	26.27	68.33	45.82	140.63	59.31
1975	1028.94	89.77	77.65	61.76	58.47	39.38	91.95	81.93	203.77	80.62	95.8	89.95	78.49
1976	1058.1	66.79	68.68	104.7	115.79	87.15	80.57	113.63	61.74	116.76	100.49	63.91	45.93
1977	926.53	25.58	64.52	66.88	47.48	23.3	86.89	58.91	175.23	164.82	54.9	99.34	59.78
1978	826.91	66.89	9.12	41.76	52.75	60.67	43.4	38.58	89.86	180.29	67.04	79.4	88.97
1979	938.13	25.93	24.77	63.62	105.07	86.49	59.07	76.89	77.33	58.19	124.88	155.84	66.75
1980	909.12	41.14	33.03	70.74	96.75	62.35	117.11	61.17	63.74	105.36	105.38	62.02	90.37
1981	945.66	14.98	55.42	39.17	71.42	81.56	68.47	70.68	177.97	129.13	131.18	58.49	48.19
1982	1031.94	47.62	18.68	72.22	65.73	73.51	91.19	77.33	171.28	118.25	47.78	137.57	111.78
1983	1040.83	31.95	39.14	39.08	105.63	170.68	32.67	37.59	135.97	134.01	90.71	99.96	124.44
1984	949.17	50.27	52.48	69.73	38.19	96.48	91.49	45.81	93.26	104.94	66.68	108.02	112.83
1985	1159.46	77.12	143.47	86.41	87.53	96.39	55.82	81.34	185.53	63.91	89.1	116.6	76.24
1986	1061.05	50.6	45.64	61.48	66.07	80.02	108.14	68.42	73.97	277.83	113.6	36.98	79.1
1987	898.03	52.44	14.89	63.11	42.79	26.18	61.74	125	122.8	73.86	103.91	143.21	68.1

	388.69	26.71	30.56	111.89	116.09	22.67	4.66	1.29	6.07	7.46	7.53	21.96	31.61	Avertase 1962~2004
	388.69	26.71	30.56	111.89	116.09	22.67	4.66	1.29	6.07	7.46	7.53	21.96	31.61	Average1968~2004
	388.69	26.71	30.56	111.89	116.09	22.67	4.66	1.29	6.07	7.46	7.53	21.96	31.61	Average 1968~1978

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1968	72.96	5.66	6.96	16.08	8.18	3.28	0.59	0.14	1.1	2.06	4.75	7.93	16.03
1969	76.61	7.11	10.02	9.58	30.02	9.98	1.49	0.31	0.22	0	0.05	2.31	5.49
1970	66.24	2.22	3	5.98	26.89	4.45	0.94	0.28	0	0.1	1.19	5.28	15.89
1971	72.26	5.54	3.44	19.19	33.32	1.72	1.05	0.31	0.26	0.3	0.31	6.49	6.42
1972	109.84	11.89	4.95	15.37	43.03	2.66	0.93	1.72	0	0	0.84	11.6	16.65
1973	85.18	20.71	5	31.68	9.79	7.28	1.64	0.39	0.25	0	0	1.71	5.33
1974	58.19	8.84	8.15	14.64	16.78	7.52	0.66	0.25	0	0	0	0.42	0.93
1975	90.57	4.75	6.63	22.52	20.76	2.75	0.89	0.22	1.56	6.66	2.9	6.16	14.77
1976	157.07	15.75	27.65	87.22	9.07	6.17	0.03	0.17	0	0.11	1.23	2.93	6.5
1977	73.23	4.66	4.4	21	10.49	0.74	0	0	0.1	1.28	8.54	6.78	12.93
1978	63.22	5.26	6.32	6.66	30.63	3.32	0.51	0	0	0.5	0.66	2.04	9.42

	84.13	8.43	7.79	22.75	21.71	4.54	0.79	0.36	0.32	1.00	1.86	4.53	10.03	Average 1962~2004
	84.13	8.43	7.79	22.75	21.71	4.54	0.79	0.36	0.32	1.00	1.86	4.53	10.03	Average1968~2004
	84.13	8.43	7.79	22.75	21.71	4.54	0.79	0.36	0.32	1.00	1.86	4.53	10.03	Average 1968~1978

BFI

Year	Year BFI	1	2	3	4	5	6	7	8	9	10	11	12
1968	0.18	0.52	0.09	0.13	0.24	0.52	0.36	0.56	0.09	0.14	0.24	0.13	0.29
1969	0.2	0.32	0.29	0.11	0.18	0.17	0.43	0.79	0.71	0	0.12	0.14	0.64
1970	0.23	0.47	0.44	0.18	0.18	0.3	0.44	0.51	0	0.2	0.24	0.23	0.39
1971	0.24	0.51	0.46	0.32	0.2	0.52	0.06	0.23	0.14	0.75	0.74	0.43	0.19
1972	0.26	0.39	0.61	0.26	0.22	0.42	0.09	0.2	0		0.07	0.46	0.42
1973	0.23	0.35	0.35	0.2	0.34	0.21	0.32	0.51	0.13	0	0	0.09	0.18
1974	0.15	0.12	0.25	0.14	0.17	0.1	0.42	0.57	0		0	0.12	0.79
1975	0.18	0.14	0.22	0.27	0.13	0.38	0.12	0.67	0.03	0.19	0.58	0.28	0.22
1976	0.31	0.54	0.27	0.34	0.16	0.21	0.17	0.19	0	0.06	0.43	0.18	0.69
1977	0.18	0.92	0.76	0.1	0.4	0.46	0	0	0.07	0.07	0.25	0.2	0.28
1978	0.19	0.47	0.6	0.16	0.14	0.26	0.24	0	0	0.05	0.22	0.17	0.48

	0.22	0.45	0.39	0.20	0.22	0.32	0.24	0.38	0.11	0.16	0.26	0.22	0.42	Average 1962~2004
	0.22	0.45	0.39	0.20	0.22	0.32	0.24	0.38	0.11	0.16	0.26	0.22	0.42	Average1968~2004
	0.22	0.45	0.39	0.20	0.22	0.32	0.24	0.38	0.11	0.16	0.26	0.22	0.42	Average 1968~1978

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12
1968	343.4	5.22	71.10	107.67	25.57	3.07	1.07	0.27	11.14	12.73	15.46	93.88	38.69
1969	263.27	14.94	24.1	77.45	125.22	48.14	1.95	0.08	0.09	0.02	0.37	14.9	3.11
1970	217.49	1.11	3.86	27.5	125.12	10.49	1.22	0.27	0.08	0.4	3.86	17.82	25.26
1971	229.19	5.32	6.02	40.48	130.92	1.58	16.01	1.05	1.62	0.1	0.11	0.64	27.36
1972	282.28	16.65	3.21	64.26	148.33	3.71	9.57	7.07	0.09	0	10.92	13.91	22.56
1973	279.37	38.19	16.91	130.15	19.21	28.28	3.5	0.37	1.44	0.09	0.15	17.08	23.76
1974	330.35	67.99	26.44	87.71	80.25	65.22	0.93	0.19	0.06	0	0.19	3.12	0.25
1975	456.31	30.17	23.43	61.36	133.89	4.49	6.44	0.11	47.04	26.7	2.14	15.73	52.81
1976	349.88	13.28	76.85	170.79	46.39	23.33	0.15	0.71	0.05	2.18	1.64	13.57	2.94
1977	327.27	0.44	1.42	197.49	16.01	0.87	0.1	0.02	1.24	17.51	25.2	34.4	32.57
1978	274.34	5.83	2.82	35.34	186.8	10.23	1.6	0.01	0.23	9.27	2.27	9.72	10.11

	304.56	18.29	22.76	89.14	94.38	18.13	3.87	0.92	5.75	6.45	5.67	17.42	21.77	Average 1962~2004
	304.56	18.29	22.76	89.14	94.38	18.13	3.87	0.92	5.75	6.45	5.67	17.42	21.77	Average1968~2004
	304.56	18.29	22.76	89.14	94.38	18.13	3.87	0.92	5.75	6.45	5.67	17.42	21.77	Average 1968~1978

RI

Year	Year RI	1	2	3	4	5	6	7	8	9	10	11	12
1968	0.34	0.08	1.28	2.09	0.63	0.06	0.01	0	0.06	0.1	0.22	0.41	0.42
1969	0.35	0.21	0.82	1.8	1.18	0.47	0.03	0	0	0	0	0.1	0.05
1970	0.23	0.04	0.15	0.6	1.42	0.11	0.02	0	0	0	0.03	0.25	0.27
1971	0.28	0.1	0.04	0.62	3.52	0.06	0.2	0.01	0.01	0	0	0.01	0.25
1972	0.31	0.28	0.06	0.58	2.44	0.1	0.1	0.15	0	0	0.08	0.16	0.19
1973	0.3	0.79	0.37	1.14	0.4	0.26	0.04	0.01	0.02	0	0	0.13	0.31
1974	0.27	0.86	0.39	1.44	0.72	0.43	0.02	0.01	0	0	0	0.02	0
1975	0.39	0.34	0.3	1.19	2.29	0.11	0.07	0	0.2	0.36	0.05	0.16	0.67

Laterite Creek near Latebir

	ANNUAL RAINFALL						/ RUN- OFF / B. ABS			FLOW UNIARFY			IN M. LLIMETR			ES		PRECIP. MONTHLY												TOTAL D. MONTHLY												Total Area/MUSE D. MONTHLY												BFI MONTHLY		Current BFI LTA BFI											
																			LTA Ann. Lowest Mo																																																				
																			0.00	0.00	0.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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2002 Q													2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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2003 Q													2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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2004 Q													2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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2005 Q													2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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2005													2005																																																							
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2006 Q													2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006 Q													2006																																																								
2006													2006																																																							
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Dickies Creek above Lockeys

YEAR	JAN	FEB	MAR	ANNUAL	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
TOT Q	2.1	2.8	3.5	12.6	12.6	11.6	27.5	106.9	175.3	32.9	29.6	7.5	127	2985
TOT Q	56.5	60.8	96.5	190.9	75	71	11.2	5.3	28.7	31.9	73.1	60.8	67.8	2985
BAS Q	—	23.8	117.5	99.4	2.7	5.2	6.4	2.7	18.2	34.5	18.5	12.2	35.8	2985
BFI	0.60	0.26	0.03	0.51	0.28	0.33	0.57	0.43	0.16	0.91	0.25	0.08	0.53	2985
RCS	—	—	—	—	0.03	0.02	0.00	0.00	0.15	—	—	—	—	2985
PRIOR MONTHLY MEAN	2.10	0.60	3.90	13.90	114.50	11.60	27.00	106.90	175.30	30.60	38.60	0.00	527.00	
PRIOR MONTHLY MEAN	55.06	56.11	67.13	64.32	75.92	47.08	42.08		505.49	98.06	119.95	102.95	148.26	113.55

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
RAIN	2.9	—	5.7	138.8	382.5	—	87.9	79.8	293.6	49.4	5.7	—	1995
TOT Q	0.5	37.5	100.3	108.3	86.8	38.7	37.9	14.4	17.3	17.3	64.1	34.7	1995
BAS Q	69.5	70.1	76.2	106.4	29.4	21.9	24.7	14.4	70.4	48.4	49.2	34	1995
BFI	0.09	0.55	0.55	0.81	0.07	0.57	0.65	0.71	0.08	0.84	0.74	0.84	0.75	1995
RCS	—	—	—	—	0.07	0.03	0.03	0.26	0.29	—	—	—	—	1995
RAIN	73.4	—	8.4	—	3.1	9.7	67.1	45.3	63.7	—	56.3	—	1997
TOT Q	0.2	37.5	100.3	108.3	—	—	37.9	14.4	13.2	16.7	57.2	113.8	1997
BAS Q	69.8	18.9	76.6	62.9	22.2	10.6	10.5	14.1	9.2	22.7	77.1	35	1997
BFI	0.73	0.49	0.18	0.86	0.96	0.93	0.80	0.77	0.69	0.92	0.42	0.84	0.67	1997
RCS	—	—	—	—	—	0.04	0.03	0.26	0.29	—	—	—	—	1997
RAIN	32.9	—	7.7	7.1	20.8	3.9	27.9	72.8	78.7	158.9	68.4	—	1999
TOT Q	0.2	18.1	100.3	108.3	86.8	38.7	37.9	14.4	14.5	26.3	72.4	83.5	1999
BAS Q	117.6	—	91.4	99.9	51.9	12.5	9.2	4.6	5.4	26.3	72.4	47.7	1999
BFI	0.01	0.59	0.04	0.08	0.06	0.32	0.24	0.32	0.18	0.16	0.06	0.57	0.04	1999
RCS	—	—	—	—	—	0.01	0.02	0.12	0.10	0.08	0.06	—	—	1999
RAIN	9.4	—	19.2	1.8	45.8	—	12.8	52.1	—	1.7	12.8	—	2001
TOT Q	203.2	43.9	124.3	60.9	22.4	54.8	22.7	13.4	4.9	9.2	16.7	49.9	2001
BAS Q	103.1	57.5	91.4	99.9	22.4	—	36.7	13.4	4.9	9.2	16.7	49.9	2001
BFI	0.05	0.64	0.47	0.00	0.68	0.72	—	0.77	0.68	0.00	0.04	0.65	0.05	2001
RCS	—	—	—	—	0.72	0.05	—	0.14	0.09	0.02	0.00	—	—	2001
RAIN	7.4	7.2	12.7	3.7	29.5	14.5	9.5	42.9	42.9	42.9	28.5	—	2003
TOT Q	205.5	60.4	108.6	87.7	—	—	7.1	5.7	8.2	28.0	61.7	113.4	2003
BAS Q	119.1	57.5	—	—	—	11.4	7.1	5.7	8.2	28.0	61.7	73.5	2003
BFI	0.61	0.71	0.50	0.75	0.72	0.80	0.75	0.77	0.81	0.66	0.58	0.65	0.68	2003
RCS	—	—	—	—	—	0.05	0.03	0.23	0.25	—	—	—	—	2003
RAIN	13.7	3.3	8.7	29.7	40.2	27.6	76.1	45.5	43.7	38.8	28.1	—	2005
TOT Q	—	79.6	173.2	136.8	—	24.1	21.9	12.1	16.7	23.4	58.8	87.6	2005
BAS Q	131.1	42.4	86.7	87.3	38.6	18.7	12.7	12.1	8.3	14.7	19.9	61.6	2005
BFI	0.70	0.53	0.55	0.65	0.04	0.68	0.58	0.26	0.38	0.39	0.48	0.29	0.56	2005
RCS	—	—	—	—	—	0.07	0.06	0.06	0.09	0.06	0.08	—	—	2005
RAIN	—	2.1	1.2	3.3	3.5	29.7	58.1	97.2	119.2	20.1	30.5	29.4	2007
TOT Q	—	79.6	173.2	136.8	38.6	24.1	—	12.1	16.7	23.4	58.8	87.6	2007
BAS Q	—	38.3	99.1	88.8	30.4	12.6	10.6	15.1	20.6	18.2	41.9	51.7	2007
BFI	—	0.81	0.58	0.48	0.92	0.81	0.76	0.18	0.93	0.66	0.55	0.61	0.7	2007
RCS	—	—	—	—	—	0.01	0.01	0.26	0.29	—	—	—	—	2007
RAIN	47.5	—	3.9	12.2	35.5	38.3	22.9	73.6	—	—	26.2	23.8	2009
TOT Q	0.2	22.2	93.8	108.3	15.4	24.8	14.4	13.1	37.6	38.9	23.5	50.7	2009
BAS Q	75.7	26.2	23.2	106.3	15.4	23.8	14.4	13.1	—	31.4	23.5	—	2009
BFI	0.62	0.69	0.24	0.76	0.85	0.57	0.88	0.90	0.87	0.80	0.68	0.67	0.81	2009
RCS	—	—	—	—	—	—	0.02	0.26	0.29	—	—	—	—	2009
RAIN	69.9	3.4	19.5	16.9	20.8	57.7	20.2	109.2	71.2	27.2	77.5	20.5	2011
TOT Q	—	79.6	173.2	136.8	—	24.1	21.9	12.1	16.7	23.4	58.8	87.6	2011
BAS Q	103.5	—	53.4	89.3	57.6	33.4	20.5	25.2	54.5	4.5	19.3	67.1	2011
BFI	0.32	0.82	0.12	0.65	0.74	0.76	0.93	0.09	0.68	0.16	0.25	0.77	0.52	2011
RCS	—	—	—	—	—	0.04	0.01	0.31	0.33	—	—	—	—	2011
RAIN	1.6	1.2	4.5	12.8	24.7	45.9	10.8	63.9	4.1	60.4	78.4	29.4	2013
TOT Q	207.8	—	158.4	68.5	35.7	18.8	17.6	—	4.1	22.8	117.4	82.9	2013
BAS Q	0.1	63.2	0.1	—	10.9	5.1	6.8	25.3	4.1	22.8	39.4	53.5	2013
BFI	0.62	0.84	0.54	0.70	0.76	0.41	0.68	0.66	0.66	0.68	0.67	0.75	0.65	2013
RCS	—	—	—	—	—	0.11	0.02	0.30	—	0.01	—	—	—	2013
RAIN	17.9	—	31.7	51.7	51.7	52.2	13.1	92.5	—	—	77.2	—	2015
TOT Q	0.1	137.1	103.2	150.5	99.4	50.8	17.6	—	49.9	75.9	102.5	127	2015
BAS Q	0.1	88.1	79.1	90.0	95.4	39.4	17.6	18.6	23.2	51.3	93.9	50.6	2015
BFI	0.01	0.64	0.79	0.56	0.95	0.78	0.34	0.20	0.47	0.68	0.91	0.40	0.7	2015
RCS	—	—	—	—	—	0.22	0.32	0.22	0.07	0.26	0.05	0.07	—	2015
RAIN	63.5	38.1	7.2	—	12.1	19.6	86.2	98.4	139.1	75.7	25.7	—	2017
TOT Q	208.8	100.1	108.1	96.1	82.2	24.7	—	33.4	49.9	27.3	33.9	94.5	2017
BAS Q	80.8	87.2	117.1	84.6	61.4	21.6	13.4	13.9	—	26.3	15.4	—	2017
BFI	0.59	0.51	0.07	0.06	0.74	0.87	0.15	0.42	0.60	0.35	0.45	0.75	0.57	2017
RCS	—	—	—	—	—	—	0.15	0.24	0.29	0.18	—	0.77	—	2017
RAIN	34.1	8.4	29.3	3.9	33.5	27.9	24.5	34.1	12.9	47.8	68.5	—	2019
TOT Q	205.2	92.6	108.1	96.1	82.2	—	18.5	33.4	12.9	47.8	68.5	112.0	2019
BAS Q	—	—	103.8	96.1	21.7	12.5	—	8.7	3.2	6.6	13.3	20.8	2019
BFI	0.83	0.55	0.83	0.96	0.82	0.89	0.96	0.08	0.93	0.87	0.80	0.69	0.71	2019
RCS	—	—	—	—	—	0.03	0.05	0.26	0.27	0.20	0.01	0.02	—	2019
RAIN	380.3	47.5	7.5	—	30.8	25.5	13.2	91.4	35.6	31.6	53.4	—	2021
TOT Q	181.4	99.8	41.2	42.9	—	12.8	9.6	1.8	8.4	16.3	27.4	73.3	2021
BAS Q	—	—	—	—	—	11.6	9.6	1.8	8.4	16.3	27.4	46.3	2021
BFI	0.63	0.68	0.75	0.70	0.64	0.90	0.90	0.13	0.83	0.48	0.63	0.63	0.66	2021
RCS	—	—	—	—	—	0.02	0.02	0.26	0.29	0.17	0.01	—	—	2021
RAIN	16.8	10.8	31.9	31.1	180.5	73.5	118.2	30.1	116.5	90.1	16.2	51.8	2023
TOT Q	0.0	139.1	99.8	96.3	212.3	118.8	166.6	166.1	147.8	123.6	102.4	278.4	2023
BAS Q	0.0	—	99.8	96.3	212.3	—	166.6	166.1	147.8	123.6	102.4	278.4	2023
BFI	—	0.93	0.00	0.76	0.06	0.74	0.78	0.76	0.76	0.76	0.86	0.62	0.75	2023
RCS	0.01	—	—	—	—	0.83	—	—	—	—	—	—	—	2023
RAIN	5.5	15.4	5	3.1	14	43.9	3	52.8	108.6	49.9	42.20	—	2025
TOT Q	268.3	306.5	249.1	169.5	169.5	136.7	88.4	72.3	56.6	299.3	171.30	3.10	2025
BAS Q	268.3	306.5	249.1	169.5	169.5	136.7	—	72.3	56.6	299.3	171.30	3.10	2025
BFI	0.72	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2025
RCS	—	—	79	20	26	75	10	0.26	0.27	0.18	0.01	0.76	—	2025
RAIN	3.5	22.1	21.4	38.4	31.6	53.7	21.7	78.1	12.7	52.5	9.6	—	2027
TOT Q	265.5	306.5	249.1	169.5	206.8	167.1	108.6	82.4	70.3	52.5	81.6	102.2	2027
BAS Q	3.0	179	243.6	210.8	207.4	110.4	86.9	69.5	69.5	45.2	37.7	45.8	2027
BFI	0.71	0.74	0.71	0.66	0.84	0.76	0.61	0.8	0.8	0.9	0.46	0.75	0.65	2027
RCS	—	—	—	—	—	—	—	—	—	0.26	0.04	—	—	2027
RAIN	—	13.6	4.7	17.5	47.6	42.9	132.4	31.4	119.1	39.7	29.4	—	2029
TOT Q	91.3	133.7	217.7	146.6	236	130.4	118.9	53.2	60.1	241.6	212.8	314.0	2029
BAS Q	83.7	76.2	141.6	139.3	192	128.6	101.9	79.3	97	106.8	139.4	1277.80	2029
BFI	0.87	0.75	0.66	0.95	0.71	0.87	0.86	0.86	0.62	0.44	0.65	0.64	0.74	2029
RCS	—	—	—	—	—	—	—	—	0.26	0.04	—	—	—	2029
RAIN	7	71.1	33.1	29.7	129.3	14.7	38.3	49.9	18.7	70.7	—	—	2031
TOT Q	91.3	133.7	217.7	146.6	236	130.4	118.9	53.2	60.1	241.6	212.8	314.0	2031
BAS Q	89.4	115.6	184	155	215.5	93.5	114	66.7	43.3	92.6	91.4	—	2031
BFI	0.84	0.77	0.85	0.87	0.69	0.86	0.81	0.84	0.79	0.8	—	—	—	2031
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—	2031
RAIN	56.60	9.30	5.70	40.10	17.50	28.30	43.60	51.60	138.60	11.70	90.60	39.40	530.00	
TOT Q	91.3	133.7	217.7	146.6	236	130.4	118.9	53.2	60.1	241.6	212.8	314.0	2033
BAS Q	200.60	134.20	161.20	149.40	143.70	73.10	59.80	49.30	51.70	54.20	91.40	112.60	97.20	2033
BFI	0.71	0.76	0.63	0.54	0.96	0.89	0.87	0.78	0.26	0.78	0.96	0.75	0.76	2033
RCS									0.26	0.04				2033
RAIN														2035
TOT Q														2035
BAS Q														2035
BFI														2035
RCS														2035

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
RAIN	0.00	23.80	137.60	99.40	0.70	0.20	6.40	2.70	18.20	34.90	18.60	12.20	35.80
TOT Q	69.50	26.20	109.30	61.80	19.30	22.60	15.70	13.30	70.50	77.30	46.80	49.20	49.00
BAS Q	69.50	26.20	109.30	61.80	19.30	22.60	15.70	13.30	70.50	77.30	46.80	49.20	49.00
BFI	0.99	0.55	0.91	0.61	0.67	0.59	0.71	0.68	0.75	0.87	0.63	0.71	0.68
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	96.60	18.60	76.60	62.90	22.20	12.60	10.50	14.10	9.20	22.70	57.20	77.10	39.00
TOT Q	127.60	0.00	61.40	60.60	31.90	12.30	8.20	4.30	5.40	26.30	72.40	47.70	43.20
BAS Q	127.60	0.00	61.40	60.60	31.90	12.30	8.20	4.30	5.40	26.30	72.40	47.70	43.20
BFI	0.73	0.49	0.46	0.96	0.56	0.53	0.80	0.69	0.94	0.92	0.63	0.61	0.77
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	10.20	28.30	58.60	55.80	22.40	0.00	10.70	8.10	3.70	7.70	16.30	30.60	30.60
TOT Q	0.65	0.64	0.47	0.90	0.68	0.74	0.60	0.77	0.85	0.69	0.64	0.65	0.77
BAS Q	0.65	0.64	0.47	0.90	0.68	0.74	0.60	0.77	0.85	0.69	0.64	0.65	0.77
BFI	0.84	0.71	0.60	0.75	0.72	0.96	0.73	0.73	0.84	0.76	0.71	0.73	0.73
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	13.10	57.30	0.00	0.00	0.00	11.40	7.30	9.70	8.20	29.80	61.70	73.50	43.70
TOT Q	0.70	0.53	0.65	0.63	0.74	0.99	0.59	0.85	0.63	0.76	0.99	0.58	0.85
BAS Q	0.70	0.53	0.65	0.63	0.74	0.99	0.59	0.85	0.63	0.76	0.99	0.58	0.85
BFI	0.80	0.81	0.68	0.88	0.82	0.81	0.75	0.48	0.69	0.74	0.78	0.79	0.69
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	0.00	85.50	98.10	88.80	52.60	12.60	10.60	35.10	29.60	29.20	61.70	46.10	35.00
TOT Q	0.42	0.69	0.24	0.76	0.85	0.57	0.88	0.90	0.87	0.80	0.68	0.67	0.81
BAS Q	0.42	0.69	0.24	0.76	0.85	0.57	0.88	0.90	0.87	0.80	0.68	0.67	0.81
BFI	0.80	0.82	0.68	0.65	0.74	0.78	0.74	0.68	0.69	0.74	0.78	0.74	0.68
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	110.50	0.00	71.70	89.10	54.80	0.00	20.30	23.20	10.90	21.80	45.40	42.10	52.60
TOT Q	0.42	0.84	0.64	0.70	0.74	0.78	0.74	0.68	0.69	0.74	0.78	0.44	0.69
BAS Q	0.42	0.84	0.64	0.70	0.74	0.78	0.44	0.69	0.69	0.74	0.78	0.44	0.69
BFI	0.80	0.64	0.73	0.90	0.65	0.74	0.74	0.71	0.74	0.90	0.63	0.73	0.71
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	80.80	87.20	117.10	84.50	61.40	21.60	13.60	14.00	0.00	20.30	45.60	0.00	50.00
TOT Q	0.50	0.63	0.62	0.86	0.74	0.87	0.70	0.61	0.70	0.74	0.87	0.70	0.61
BAS Q	0.50	0.63	0.62	0.86	0.74	0.87	0.70	0.61	0.70	0.74	0.87	0.70	0.61
BFI	0.43	0.55	0.63	0.84	0.62	0.88	0.54	0.66	0.43	0.55	0.84	0.62	0.66
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	0.00	0.00	103.90	58.20	21.70	12.50	0.00	6.70	3.10	6.60	13.10	20.60	36.00
TOT Q	0.43	0.55	0.63	0.84	0.62	0.88	0.54	0.66	0.43	0.55	0.84	0.62	0.66
BAS Q	0.43	0.55	0.63	0.84	0.62	0.88	0.54	0.66	0.43	0.55	0.84	0.62	0.66
BFI	0.70	0.53	0.65	0.63	0.74	0.99	0.59	0.85	0.63	0.76	0.99	0.58	0.85
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	0.00	59.60	41.20	42.90	0.00	11.80	9.60	1.80	8.60	13.30	27.40	46.30	31.30
TOT Q	0.43	0.68	0.75	0.72	0.54	0.90	0.62	0.13	0.83	0.48	0.63	0.63	0.66
BAS Q	0.43	0.68	0.75	0.72	0.54	0.90	0.62	0.13	0.83	0.48	0.63	0.63	0.66
BFI	0.50	0.63	0.60	0.74	0.56	0.74	0.76	0.76	0.74	0.90	0.63	0.74	0.74
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	0.30	109.10	99.60	99.30	212.30	119.80	164.50	146.20	147.80	133.90	162.40	276.40	138.10
TOT Q	0.50	0.63	0.60	0.74	0.56	0.74	0.76	0.76	0.74	0.90	0.63	0.74	0.74
BAS Q	0.50	0.63	0.60	0.74	0.56	0.74	0.76	0.76	0.74	0.90	0.63	0.74	0.74
BFI	0.72	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCS	—	—	—	—	—	—	—	—	—	—	—	—	—
RAIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

				RCS MONTHLY 0.59 MEAN					Current RCS CYLINDER 0.06									SPIRITAL SUMM
0.59	0.62	0.57	0.61		0.00	0.00	0.00	0.03		0.34	0.21	0.16	0.33	0.18	0.08	0.05	0.00	
0.61	0.51	0.66	0.69	0.63	0.00	0.00	0.00	0.03	0.02	0.04	0.45	0.06	0.44	0.00	0.00	0.00	0.00	
0.44	0.74	0.84	0.76	0.67	0.00	0.00	0.00	0.43	0.12	0.52	0.25	0.28	0.65	0.00	0.00	0.00	0.00	
0.69	0.62	0.62	0.67	0.66	0.00	0.00	0.00	0.00	0.00	0.34	0.38	0.28	0.19	0.37	0.00	0.00	0.00	
0.45	0.39	0.75	0.57	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.12	0.13	0.38	0.00	0.00	0.00	
0.58	0.63	0.44	0.61	0.69	0.00	0.00	0.00	0.00	0.72	0.65	0.00	0.16	0.45	0.63	0.65	0.00	0.00	
0.71	0.57	0.56	0.66	0.69	0.00	0.00	0.00	0.00	0.00	0.62	0.21	0.17	0.29	0.00	0.00	0.00	0.00	
0.59	0.62	0.50	0.58	0.64	0.00	0.00	0.00	0.00	0.00	0.67	0.28	0.28	0.24	0.38	0.00	0.00	0.00	
0.53	0.66	0.66	0.56	0.73	0.00	0.00	0.00	0.00	0.00	0.51	0.24	0.35	0.42	0.00	0.00	0.00	0.00	
0.37	0.80	0.68	0.68	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.49	0.63	0.00	0.00	0.00	0.00	
0.45	0.79	0.55	0.72	0.68	0.00	0.00	0.00	0.00	0.00	0.64	0.31	0.31	0.34	0.00	0.00	0.00	0.00	
0.58	0.64	0.57	0.76	0.65	0.00	0.00	0.00	0.00	0.00	0.41	0.22	0.30	0.03	0.36	0.00	0.00	0.00	
0.49	0.71	0.85	0.60	0.70	0.01	0.00	0.00	0.00	0.00	0.61	0.20	0.49	0.37	0.56	0.00	0.00	0.00	
0.60	0.54	0.74	0.75	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.34	0.24	0.48	0.00	0.77	0.00	
0.56	0.47	0.60	0.68	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.39	0.17	0.20	0.31	0.42	0.00	
0.83	0.49	0.62	0.63	0.66	0.00	0.00	0.00	0.00	0.83	0.28	0.80	0.14	0.25	0.40	0.82	0.00	0.00	
0.76	0.95	0.42	0.60	0.75	0.01	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.72	0.56	0.84	0.76	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.00	0.00	
0.60	0.49	0.71	0.86	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.71	0.64	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.00	
0.79	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.76	0.74	0.66	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

LTA Precip - 1961 Precip - LTA BFI
LTA Streamflow 1961 Streamflow 1961 BFI

LTA Precip - 1961 Precip - LTA BFI
LTA Streamflow 1961 Streamflow 1961 BFI

Semiarbank Note Grewal area derived from BRFU provisional streamflow data. Hydat data 1962 to 2002

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	718.17	75.81	48.36	52.39	88.1	116.31	80.82	31.7	23.37	34.8	96.12	95.42	28.17	
1961	842.58	23.88	98.14	53.41	80.27	77.54	71.18	101.58	74.31	44.96	72.14	81.76	72.07	
1962	833.31	64.96	35.78	15.82	82.2	49.99	90.07	41.16	101.01	69.16	101.69	93.22	98.39	
1963	642.9	19.76	39.69	72	60.14	73.72	40.47	93.85	34.03	38.36	30.03	108.43	68.12	
1964	1018.58	56.58	38.79	89.51	99.56	65.36	50.96	115.03	270.09	43.91	77.52	35.43	76.96	
1965	920.1	90.66	97.23	90.4	89.36	69.31	20.37	80.51	98.72	58.12	131.33	109.75	73.56	
1966	1082.21	62.85	61.05	83.33	80.11	66.03	138.1	48.44	132.64	80.93	53.77	171.79	141.38	
1967	1108.62	31.42	42.63	46.56	91.31	56.07	147.17	58.02	132.11	90.31	132.79	138.2	97.17	
1968	951.84	87.23	63.42	62.95	67.88	43.5	87.88	43.47	60.38	108.46	116.35	101.1	103.47	
1969	898.07	103.75	38.17	42.49	109.27	108.16	49.91	133.32	24.42	24.88	79.89	129.79	56.32	
1970	937.62	14.86	38.11	54.86	102.23	92.7	49.81	140.16	44.7	102.35	43.09	93.65	109.02	
1971	728.29	67.21	58.61	33.74	39.08	20.06	34.08	71.58	147.33	61.4	35.75	54.45	96.48	
1972	891.28	49.63	30.48	53.95	75.41	99.21	95.49	40.95	49.07	81.98	141.05	80.46	135.53	
1973	870.91	43.32	38.11	140.54	60.35	93.41	87.55	33.56	41.49	40.03	66.28	123.53	61.5	
1974	865.5	49.81	99	66.83	94.88	140.34	93.83	36.8	44.14	85	99.57	111.64	83.68	
1975	1018.28	94.98	85.43	80.52	93.91	74.58	93.08	42.52	178.91	87.09	31.38	71.07	103.11	
1976	1138.53	65.95	76.62	136.49	86.18	86.12	77.62	157.58	80	114.08	87.55	85.43	41.42	
1977	948.28	24.07	38.93	64.07	68.68	113.1	84.96	43.07	137.53	141.95	91.79	109.34	107.78	
1978	827.88	102.02	8.38	38.6	57.88	75.64	56.25	32.18	74.71	165.78	88.79	39.02	82.22	
1979	908.44	26.81	14.5	52.38	138.8	58.3	41.96	76.64	62.27	39.61	150.09	147.38	88.41	
1980	886.54	34.2	28.83	68.48	99.36	66.37	90.54	126.7	49.48	104.85	136.57	37.35	92.64	
1981	951.47	39.24	47.58	72.87	89.81	79.76	69.28	93.95	130.19	140.35	112.22	75.08	60.13	
1982	960.3	69.76	26.28	64.48	43.06	63.05	35.9	61.08	142.43	121.76	46.48	154.36	96.71	
1983	865.38	33.11	38.49	50.22	103.87	122.79	52.58	95.68	75.22	139.02	98.12	91	88.51	
1984	1018.47	41.88	97.33	77.96	87.7	108.23	110.63	65.43	96.77	133.34	90.25	110.88	56.27	
1985	1138.56	93.08	137.66	94.14	58.77	59.24	69.96	75.81	136.23	89.91	103.57	134.67	95.54	
1986	1106.26	57.45	46.05	48.77	73.82	60.41	135	127.47	115.18	102.86	94.97	36.56	88.93	
1987	897.35	52.88	31.94	58.23	89.56	80.9	42.71	47	99.67	154.76	118.93	123.59	96.67	
1988	938.85	27.42	68.32	56.18	54.88	51.68	124.6	70.72	89.65	97.92	206.62	122.24	66.37	
1989	794.91	69.32	33.87	43.84	51.54	104.29	57.93	17.42	69.26	111.69	86.42	123.08	50.08	
1990	1171.34	58.93	75.91	54.99	89.42	88.91	84.05	153.76	113.14	140.27	128.8	151.79	99.75	
1991	918.65	39.12	58.05	88.72	92.34	82.47	41.27	114.06	77.45	47.76	132.09	90.38	75.07	
1992	1175.46	54.95	98.91	44.2	142.08	91.16	73.72	177.08	128.61	139.13	72.54	102.62	74.13	
1993	889.23	94.98	39.56	21.09	86.91	49.05	103.52	95.37	43.02	143.98	70.62	89.1	34.21	
1994	966.69	60.28	16.79	51.85	117.39	73.07	123.14	71.55	93.4	88.3	72.79	89.42	99.87	
1995	905.38	93.87	29.4	47.67	165.42	77.58	48.97	75.72	74.89	55.43	111.36	108.37	33.5	
1996	1150.65	94.97	85.27	27.19	161.24	100.54	160.59	90.35	41.67	303.12	66.08	91	96.11	
1997	936.05	73.9	80.21	85.85	39.18	132.96	53.47	68.99	125.64	63.85	96.22	99.37	43.92	
1998	968.3	94.98	30.62	117.88	42.16	84.37	29.38	66.58	98.32	34.48	90.66	72.72	66.96	
1999	890.11	89.28	43.64	31.35	84.89	65.98	73.87	56.05	62.23	77.85	71.7	89.79	76.47	
2000	1141.44	99.58	48.79	42.85	87.14	135.87	172.99	199.48	47.33	140.16	40.42	62.87	93.93	
2001	910.14	49.08	88.96	51.3	57.18	69.42	72.11	23.93	61.38	145.61	160.5	102.68	48.97	
2002	798.26	94.62	74.43	57.61	93.18	105.4	58.23	87.31	14.33	99.04	98.69	89.75	42.66	
2003	980.28	49.82	46.24	51.37	84.24	114.05	76.78	48.85	50.47	125.85	105	118.68	60.35	
2004	924.47	79.48	27.97	58.72	41.76	156.75	69.1	120.14	57.58	32.91	76.24	77.4	89.5	
	933.84	62.02	49.29	62.10	80.07	90.04	76.64	80.81	84.83	98.85	87.35	95.66	76.19	Average 1960 - 2004
	933.84	62.02	49.29	62.10	80.07	90.04	76.64	80.81	84.83	98.85	87.35	95.66	76.19	Average1960 - 2004
	932.91	61.67	49.93	61.49	80.86	77.46	76.88	80.15	88.14	98.75	87.20	95.59	75.51	Average 1960 - 2002

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	228.17	49.99	67.4	43.13	2.57	0	0	0	0	0	3.27	33.38	30.53	
1961	148.03	35.1	32.15	18.27	27.75	0.02	0	0	0	0	0	16.68	38.56	
1962	178.49	54.08	38.54	3.71	0.07	0	0	0	0	0	39.41	0	42.68	
1963	232.49	16.77	53.33	17.02	0	0	0	0	0	0	0	13.98	96.39	
1964	193.14	22.49	37.74	36.43	8.91	0	0	0	0	0	6.45	16.39	26.15	
1965	195.05	61.15	54.64	36.48	19.37	0	0	0	0	0	0	11.66	10.98	
1966	273.04	96.1	30.7	29.85	16.48	0	0	0	0	0	0.05	26.01	70.74	
1967	200.44	32.96	54.84	28.44	3	0	0	0	0	0	0	29.31	17.87	
1968	238.66	50.71	80.73	29.89	2.39	0	0	0	0	0	0.22	22.65	23.88	
1969	267.68	93.03	44.18	24.17	0.02	0.04	0	0	0	0	0.03	44.35	30.83	
1970	240.24	30.93	42.41	23.85	16.18	0	0	0	0	0	0	41.22	86.7	
1971	232.15	109.21	28.73	39.63	2.83	0	0	0	0	0	0	16.48	17.26	
1972	196.51	56.96	37.52	20.48	5.92	0	0	0	0	0	2.28	31.42	40.25	
1973	151.32	29.86	36.53	31.38	2.58	0	0	0	0	0	0	14.26	38.73	
1974	113.8	27.16	26.3	18.41	2.79	0.06	0	0	0	0	0.21	8.67	29.4	
1975	221.27	23.35	48.32	43.93	26.56	0	0	0	0	0	0	8.17	70.36	
1976	260.64	102.41	45.08	22.48	4.43	0.13	0	0	0	0	0.52	55.16	30.28	
1977	232.92	57.43	13.91	7.33	6.12	0	0	0	0	0	0	38.27	111.86	
1978	187.04	102.48	28.84	8.88	0.28	0	0	0	0	0	0	7.61	22.14	
1979	114.44	33.08	30.52	11.14	24.45	0	0	0	0	0	3.37	12.34	9.72	
1980	148.21	27.32	60.58	32.61	1.47	0	0	0	0	0	0.31	3.65	22.67	
1981	238.63	75.45	42.23	51.58	0.03	0	0	0	0	0	3.02	9.79	48.53	
1982	240.65	125.75	40.67	20.38	21.92	0	0	0	0	0	0.46	12.22	19.61	
1983	131.09	16.47	12.7	23.43	8.32	0	0	0	0	0	0	13.23	57.04	
1984	158.72	58.62	32.01	10.67	5.23	2.18	0	0	0	0	0	1.68	28.25	
1985	266.29	133.2	65.2	27.95	11.56	0	0	0	0	0	0	6.77	121.65	
1986	177.01	62.52	44.86	51.99	0.85	0	0	0	0	0	0	14.84	21.98	
1987	153.83	57.02	20.3	27.09	3.46	0	0	0	0	0	0.76	17.13	27.99	
1988	186.11	29.55	79.6	38.88	0.75	0	0	0	0	0	0.51	12.03	25.07	
1989	264.38	27.85	85.19	6.37	15.3	1.54	0	0	0	0	0.55	36.38	71.22	
1990	99.17	19.02	38.15	2.85	4.48	1.24	0	0	0	0	0.23	9.88	20.51	
1991	182.37	44.68	58.65	10.72	1.16	0	0	0	0	0	0	12.79	62.68	
1992	340.6	69.87	21.21	21.22	5.02	0	0	0	0	0	37.28	12.34	35.76	
1993	155.21	32.48	63.58	19.87	5.98	0	0	0	0	0	0.17	9.32	23.81	
1994	178.71	94.52	30.05	20.61	12.38	0	0	0	0	0	0	8.27	34	
1995	148.87	45.7	60.94	5.77	10.4	0	0	0	0	0	0	37.26	38.81	
1996	199.27	29.72	22.45	28.8	9.71	0	0	0	0	0	0	49.48	59.11	
1997	171.45	48.92	17.06	18.63	2.75	0	0	0	0	0	38.65	23.16	21.21	
1998	115.79	29.41	0.16	52.6	0	0	0	0	0	0	0	1.43	17.96	
1999	146.05	66.75	8.6	31.91	0.02	0	0	0	0	0	0	12.96	27.33	
2000	226.87	54.01	28.66	8.21	5.79	0	0	0	0	0	0.19	19.68	109.32	
2001	117.22	18.64	19.02	23.98	4.31	0	0	0	0	0	0.61	3.05	28.71	
2002	147.59	39.66	32.19	20.69	7.09	0	0	0	0	0	0.12	21.76	29.96	
2003	198.67	73.9	42.13	39.71	8.88	0	0	0	0	0	3.48	7.52	38.51	
2004	212.24	116.75	14.42	20.06	0.38	0	0	0	0	0	0	2.65	57.69	
	189.69	57.09	36.95	25.14	6.86	0.12	0.00	0.00	0.00	0.00	2.09	18.22	43.21	Average 1960 - 2004
	189.69	57.09	36.95	25.14	6.86	0.12	0.00	0.00	0.00	0.00	2.09	18.22	43.21	Average1960 - 2004
	188.94	61.12	37.35	25.01	6.97	0.12	0.00	0.00	0.00	0.00	2.11	18.84	42.22	Average 1960 - 2002

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	376.15	41.57	33.54	59.51	147.17	47.94	40.11	3.45	1.52	0.7	0.99	1.62	2.11	
1961	214.28	0.72	50.52	39.91	38.22	29.28	3.08	13.71	13	1.91	1.24	8.79	13.48	
1962	236.04	4.5	18.57	35.88	23.27	8.71	5.1	1.11	1.87	0.88	9.1	47.41	23.23	
1963	264.68	6.41	2.9	135.16	26.64	28.41	3.33	1.3	0.76	3.41	0.63	1.28	1.29	
1964	230.49	37.31	16.42	58.79	35	8.1	2.95	1.11	29.08	6.38	8.1	2.73	28.64	
1965	375.41	27.76	70.5	63.43	78.38	9.18	2.33	1.37	0.97	0.78	5.62	25.98	69.1	
1966	366.23	16.48	47.77	64.63	39.33	18.7	20.15	1.77	3.16	1.76	2.14	43.6	102.76	
1967	554.48	93.86	39.26	106.95	84.83	27.55	33.98	9.56	15.22	3.91	52.11	74.58	72.88	
1968	380.04	33.91	111.88	86.91	26.85	11.68	12.55	4.18	1.96	2.57	9.71	31.32	47.2	
1969	392.29	71.38	48.28	73.85	48.4	40.28	8.48	5.42	1.75	0.91	1.43	14.71	37.48	
1970	292.17	7.61	26.18	83.84	71.98	27.61	4.76	4.02	3.12	1.38	3.26	15.72	49.84	
1971	273.01	12.54	41.88	125.52	50.38	7.99	2.96	1.2	2.76	3.22	1.5	1.68	33.61	
1972	318.47	21.18	5.68	87.22	68.06	33.54	2.81	3.48	1.12	0.82	9.01	28.61	76.93	
1973	411.08	106.09	22.09	138.29	30.87	26.43	8.36	2.91	2.03	0.82	1.27	31.46	39.26	
1974	363.1	71.98	96.42	92.48	53.48	74.08	8.87	3.18	0.98	0.66	0.87	19.81	10.23	
1975	358.55	57.17	45.2	90.02	95.48	12.65	13.98	1.65	3.03	5.33	1.9	5.24	27.54	
1976	518.86	17.62	145.51	164.09	50.14	37.88	4.75	32.65	34.1	12	8.66	38.19	10.85	
1977	448.18	4.97	6.48	293.53	39.4	7.31	5.12	3.98	1.63	18.97	23.13	36.31	102.86	
1978	328.47	15.05	8.31	79.95	207.87	20.01	5.95	1.42	1	4.05	12.48	6.29	17.77	
1979	423.04	29.64	5.69	136.64	111.18	13.93	3.23	4.91	2.15	1.09	3.91	51.27	61.18	
1980	278.95	19.16	8.41	97.18	83.68	18.81	11.27	4.56	2.75	1.91	16.09	7.16	28.16	
1981	434.85	4.11	153.92	42.29	34.91	28.24	8.67	2.36	3.43	46.83	87.31	36.48	26.27	
1982	486.26	19.91	6.95	196.76	83.19	22.43	14.99	3.27	4.14	6.88	30.41	40.1	117.38	
1983	315.21	26.92	47.44	23.86	83.19	55.22	21.98	3.54	9.32	4.9	3.77	17.65	19.5	
1984	420.96	5.88	124.98	69.87	36.16	20.21	30.68	6.22	1.89	19.56	3.42	43.88	60.54	
1985	653.5	39.48	133.61	173.85	71.79	6.26	8.96	4.08	3.61	19.35	30.21	103.66	40.31	
1986	588.35	67.77	17.91	131.87	34.87	16.44	19.73	7.91	9.19	113.76	102.95	20.08	51.08	
1987	379.67	23.11	6.65	97.8	53.56	8.09	5.22	1.95	5.47	2.41	7.72	57.31	110.87	
1988	316.12	14.48	38.65	86.68	27.14	10.12	1.67	1.35	0.74	1.11	33.03	72.3	40.85	
1989	234.11	34.17	17.03	49.80	43.79	8.48	13.35	1.66	1.1	2.36	3.26	36.36	8.71	
1990	587.68	101.77	73.8	55.87	39.01	24.51	9.95	25.71	14.01	28.86	87.95	65.21	67.01	
1991	308.03	24.85	46.02	95.64	56.12	20.14	7.7	7.78	2.45	1.02	1.42	8.21	36.28	
1992	628.92	41.24	62.61	79.9	84.93	19.72	5.3	40.53	32.22	58.48	35.72	118.75	43.52	
1993	326.21	84.16	7.95	50.28	66.37	11.12	21.48	4.98	1.85	4.33	10.57	16.88	23.62	
1994	348.55	18.52	74.22	110.78	49.67	25.14	14.53	10.99	2.28	1.65	4.53	7.31	28.58	
1995	306.41	67.45	9.68	110.4	40.88	26.66	10.75	7.65	11.27	1.38	2.08	60.66	28.8	
1996	656.51	61.61	57.66	32.71	77.2	58.48	39.38	6.45	5.4	140.42	49.27	47.76	79.18	
1997	367.16	47.14	87.01	70.45	22.92	58.11	12.88	7.07	3.43	1.56	4.27	25.36	36.76	
1998	237.34	84.17	31.84	74.1	23.43	6.58	1.99	2.46	2.48	0.67	1.14	1.65	6.66	
1999	195.56	59.94	33.66	27.99	28.9	7.25	5.9	2.35	1.19	3.18	2.06	12.56	30.89	
2000	432.4	29.98	51.61	20.4	41.8	36.89	49.79	79.99	30.77	30.42	11.4	26.43	28.98	
2001	435.49	28.13	98.68	72.71	35.71	9.39	10.12	1.55	1.19	3.83	92.15	39.95	38.83	
2002	291.79	31.99	99	43.85	49.26	29.11	14.99	3.06	2.02	0.77	1.19	3.55	10.62	
2003	364.19	7.59	11.11	79.33	42.03	41.45	14.7	4.08	3.36	2.88	21.49	66.06	79.1	
2004	370.41	52.77	21.63	140.07	20.4	60.98	6.77	4.44	5.46	2.34	2.25	8.64	36.54	
	376.91	36.55	43.97	87.56	54.45	24.13	12.14	7.79	5.70	12.58	16.24	32.29	43.52	Average 1960 - 2004
	376.91	36.55	43.97	87.55	54.45	24.13	12.14	7.79	5.70	12.58	16.24	32.29	43.52	Average1960 - 2004
	377.36	36.86	45.26	86.46	55.47	22.87	12.14	7.96	5.76	13.05	16.43	32.05	43.06	Average 1960 - 2002

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	135.06	22.08	17.82	8.88	34.58	29.63	15.71	1.56	0.77	0.6	0.61	1.01	1.18	
1961	79.47	3.65	2.32	21.5	17.98	13.05	2.63	2.76	5.08	1.36	0.96	2.31	9.99	
1962	94.47	3.61	5.31	16.66	12.41	3.87	1.53	0.93	0.86	0.48	1.42	8.77	8.19	
1963	47.01	5	2.7	11.45	11.12	9.72	2.12	0.95	0.63	0.6	0.62	0.73	1.17	
1964	87.74	3.2	9.66	17.01	13.82	4.66	1.57	0.88	4.87	2.07	2.15	2.2	5.11	
1965	93.13	12.83	11.29	12.39	18.56	5.41	1.5	1.08	0.72	0.6	1.17	5.92	21.3	
1966	138.63	10.45	18.66	25.14	16.38	10.22	4.61	0.97	1.41	1.2	1.32	9.8	18.17	
1967	176.61	13.87	13.73	20.59	31.76	13.11	8.38	4.91	4.01	1.76	9.07	26.71	38.13	
1968	120.69	11.28	13.03	19.85	13.98	7.41	2.79	2.35	1.55	1.76	3.36	9.15	18.58	
1969	97.17	10.06	14.87	14.24	23.66	13.27	4.62	1.78	1.18	0.9	0.88	2.81	8.9	

1966	426.17	53.37	7.14	108.14	16.02	9.66	12.11	5.09	3.08	96.62	72.91	8.66	32.12										
1967	247.99	10.77	0.57	73.79	36.65	4.13	3.91	0.48	2.87	1.46	6.06	50.58	77.95										
1968	151.16	7.87	30.31	61.02	22.38	4.91	0.79	1.91	0.42	0.82	35.83	51.38	28.11										
1969	146.24	21.82	11.15	38.46	24.78	2.42	7.76	0.56	0.32	1.98	1.93	30.3	3.69										
1970	407.69	64.70	90.71	36.9	24.36	15.69	2.27	10.32	10.81	22.19	48.02	45.5	36.65										
1971	292.49	11.01	26.4	85.44	30.08	13.57	4.03	5.17	3.27	0.35	0.61	6.14	28.19										
1972	430.42	24.33	48.83	47.27	41.88	8.14	2.95	33.63	22.4	44.12	26.38	90.49	30.61										
1973	237.26	85.48	3.5	45.15	43.86	3.87	18.64	2.05	0.63	1.89	10.63	8.97	12.72										
1974	231.8	13.31	64.02	72.9	26.36	12.66	10.71	7.96	3.8	0.92	1.91	3.88	19.56										
1975	296.24	56.3	2.7	91.46	27.82	13.72	6.72	4.98	9.37	0.32	1.04	66.32	16.31										
1976	474.33	92.78	46.65	19.66	92.2	38.41	24.96	4.13	1.54	136.64	36.48	24.96	47.97										
1977	218.98	28.91	48.8	33.96	6.75	49.94	3.51	2.97	2.21	0.48	4.68	18.14	20.18										
1978	164.62	68.98	21.02	52.74	10.16	2.48	0.56	1.61	1.72	0.11	3.39	3.57	4.57										
1979	147.84	54.58	19	17.62	9.88	3.47	3.9	1.48	0.61	1.76	0.85	9.68	26.44										
1980	315.79	18.35	47.03	8.54	30.97	25.71	41.98	98.74	23.72	24.96	3.07	13.33	17.79										
1981	266.79	10.34	72.5	43.91	19.85	3.49	5.67	0.97	0.42	2.5	41.58	18.41	38.68										
1982	162.96	17.91	39	23.48	33.97	14.92	8.3	1.9	1.19	0.39	0.35	1.46	11.42										
1983	294.96	2.83	6.28	84.92	25.48	28.07	8.73	1.78	2.21	1.87	38.74	49.01	49.58										
2014	284.54	33.97	11.08	116.35	9.5	26.12	3.95	1.4	3.4	0.87	1.15	5.87	36.77										
	263.57	25.48	33.62	64.48	34.61	14.41	7.73	5.33	3.84	10.05	11.58	23.20	29.27	Average 1960 - 2014									
	263.57	25.48	33.62	64.48	34.61	14.41	7.73	5.33	3.84	10.05	11.58	23.20	29.27	Average1960 - 2004									
	263.76	25.88	34.78	63.22	35.40	13.26	7.79	5.51	3.89	10.45	11.70	23.02	28.76	Average 1960 - 2002									

RI

Year	Year RI	1	2	3	4	5	6	7	8	9	10	11	12
1960		0.33	0.27	0.23	0.82	1.28	0.16	0.33	0.05	0.01	0	0	0.01	0.03
1961		0.17	0	0.01	0.32	0.29	0.21	0.01	0.11	0.13	0.01	0	0.09	0.1
1962		0.14	0.01	0.16	0.12	0.17	0.09	0.02	0.01	0.01	0	0.05	0.73	0.16
1963		0.25	0.07	0.01	1.86	0.29	0.25	0.03	0.01	0	0	0	0	0
1964		0.14	0.6	0.38	0.49	0.2	0.06	0.01	0	0.08	0.05	0.03	0.01	0.32
1965		0.31	0.16	1.03	1.01	0.7	0.08	0.03	0	0	0	0.03	0.18	0.93
1966		0.24	0.23	0.6	0.47	0.29	0.13	0.23	0.02	0.02	0.01	0.01	0.21	0.61
1967		0.37	1.14	0.13	1.84	0.4	0.26	0.17	0.09	0.09	0.02	0.38	0.38	0.54
1968		0.29	0.26	1.68	1.07	0.2	0.1	0.1	0.04	0.01	0.05	0.05	0.29	0.28
1969		0.28	0.59	0.88	1.56	0.38	0.25	0.08	0.05	0.02	0	0.01	0.09	0.18
1970		0.21	1.16	0.36	1.16	0.49	0.21	0.04	0.01	0.04	0.01	0.02	0.12	0.3
1971		0.24	0.08	0.57	2.37	0.82	0.13	0.03	0	0.01	0.03	0.01	0.01	0.18
1972		0.25	0.25	0.05	1.21	0.82	0.07	0.02	0.06	0	0	0.06	0.19	0.38
1973		0.33	1.82	0.33	0.87	0.26	0.16	0.05	0.04	0.03	0	0	0.22	0.6
1974		0.32	0.48	0.48	1.07	0.38	0.42	0.05	0.06	0	0	0.01	0.08	0.11
1975		0.28	0.49	0.43	0.86	0.78	0.06	0.09	0.01	0.01	0.05	0.01	0.04	0.19
1976		0.33	0.12	1.69	0.71	0.42	0.3	0.02	0.13	0.14	0.08	0.05	0.22	0.15
1977		0.37	0.01	0.07	2.7	0.41	0.22	0.04	0.08	0	0.08	0.27	0.22	0.73
1978		0.29	0.05	0.18	1.8	2.1	0.25	0.05	0.01	0	0.02	0.11	0.1	0.14
1979		0.34	0.72	0.17	1.66	0.97	0.1	0.02	0.04	0.02	0.01	0.02	0.3	0.61
1980		0.31	0.14	0.07	1.01	0.58	0.15	0.07	0.02	0.02	0.03	0.01	0.04	0.4
1981		0.32	0.03	2.62	0.26	0.21	0.22	0.08	0.02	0.02	0.28	0.43	0.25	0.18
1982		0.37	0.19	0.01	2.03	0.48	0.08	0.1	0.02	0.02	0.06	0.13	0.34	0.88
1983		0.22	0.45	0.64	0.19	0.16	0.29	0.24	0.03	0.08	0.05	0.02	0.13	0.68
1984		0.3	0.03	1.97	0.62	0.25	0.1	0.22	0.06	0.01	0.12	0.01	0.29	0.43
1985		0.4	0.3	0.91	1.66	0.48	0.03	0.08	0.02	0.01	0.17	0.24	0.64	0.21
1986		0.37	0.84	0.16	2.23	0.22	0.16	0.1	0.04	0.02	0.33	0.77	0.27	0.6
1987		0.31	0.2	0.01	1.27	0.75	0.08	0.08	0.01	0.03	0.01	0.05	0.01	0.81
1988		0.23	0.16	0.24	1.08	0.22	0.09	0.05	0.01	0.01	0.01	0.13	0.41	0.43
1989		0.18	0.33	0.34	0.88	0.48	0.02	0.13	0.03	0	0.01	0.03	0.25	0.08
1990		0.35	1.64	0.68	0.85	0.16	0.18	0.03	0.15	0.1	0.16	0.03	0.43	0.36
1991		0.22	0.28	0.61	0.76	0.28	0.16	0.1	0.05	0.01	0	0.01	0.07	0.38
1992		0.37	0.31	0.78	1.07	0.43	0.16	0.04	0.18	0.17	0.34	0.35	0.68	0.28
1993		0.27	0.9	0.06	2.14	0.91	0.08	0.14	0.02	0.01	0.03	0.15	0.14	0.37
1994		0.27	0.16	4.09	1.41	0.22	0.17	0.09	0.11	0.01	0.01	0.03	0.06	0.35
1995		0.33	0.6	0.08	1.65	0.28	0.18	0.1	0.07	0.13	0.01	0.01	0.42	0.48
1996		0.38	0.83	0.87	0.72	0.37	0.38	0.16	0.04	0.03	0.42	0.01	0.27	0.51
1997		0.25	0.38	0.61	0.42	0.27	0.31	0.07	0.06	0.02	0.01	0.05	0.05	0.48
1998		0.21	0.73	0.69	0.45	0.24	0.05	0.02	0.02	0.02	0	0.01	0.01	0.07
1999		0.16	0.39	0.43	0.54	0.18	0.06	0.05	0.05	0.01	0.02	0.01	0.11	0.32
2000		0.28	0.33	1.01	0.2	0.36	0.19	0.24	0.36	0.5	0.16	0.1	0.21	0.19
2001		0.26	1.21	0.83	1.15	0.38	0.05	0.08	0.02	0.01	0.02	0.26	0.18	0.77
2002		0.19	0.31	0.62	0.41	0.35	0.14	0.14	0.02	0.08	0	0.01	0.02	0.27
2003		0.26	0.09	0.43	0.54	0.18	0.06	0.05	0.05	0.01	0.02	0.01	0.11	0.32
2004		0.29	0.38	0.4	1.17	0.15	0.29	0.04	0.01	0.06	0.03	0.02	0.08	0.38
		0.28	0.40	0.66	1.17	0.46	0.16	0.09	0.05	0.05	0.06	0.11	0.22	0.37 Average 1960 - 2014
		0.28	0.40	0.65	1.17	0.46	0.16	0.09	0.05	0.05	0.06	0.11	0.22	0.37 Average1960 - 2004
		0.28	0.41	0.66	1.17	0.45	0.16	0.09	0.05	0.05	0.06	0.12	0.22	0.36 Average 1960 - 2002

Exeter Note Greyed area derived from BRFU provisional streamflow data. Hydat data 1965 to 2002

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	698.99	64.91	65.94	28.7	95.2	109.48	82.4	33.66	18.97	24.45	49.73	87.48	33.07
1961	627.28	17.81	63.22	49.04	80.11	79.96	71.31	103.57	70.91	70.65	68.58	85.96	67.15
1962	819.18	52.17	31.62	12.99	59.4	51.89	90.13	39.01	103.66	69.84	154.98	52.8	150.69
1963	612.55	16.04	40.34	58.03	66.09	74.31	46.65	48.19	26.28	38.83	21.81	92.7	77.39
1964	1028.47	55.66	38.8	86.37	66.61	68	53.29	117.91	276.55	41.85	79.78	38.87	77.78
1965	916.85	93.11	57.42	48.88	84.61	66.15	21.38	80.59	99.74	56.74	127.35	113.11	70.77
1966	1107.3	69.12	64.63	82.78	78.79	67.87	122.81	48.68	111.45	80.67	51.68	179.77	149.95
1967	1056.18	34.37	42.31	47.07	68.62	58.12	147.19	54.68	120.68	91.47	107.68	139.52	84.48
1968	961.88	88.7	66.3	63.06	65.65	45.08	89.32	42.89	57.76	107.87	119.38	103.37	114.5
1969	908.16	106.38	37.95	43.4	105.78	110.06	47.88	126.94	24.48	24.5	76.4	135.25	65.43
1970	929.16	16.6	26.53	54.4	102.21	86.74	93	165.79	45.67	113.98	67.96	87.48	116.75
1971	735.37	63.97	60.44	35.24	36.76	21.48	35.25	60.72	156.69	57.42	32.63	57.41	97.55
1972	926.31	53.76	39.96	50.75	71.09	87.72	58.45	86.74	45.59	89.58	154.49	81.96	146.22
1973	882.25	43	40.62	147.49	60.77	92.62	88.07	10.3	42.6	42.15	95.54	127.65	89.56
1974	906.12	71.85	62.64	65.21	96.07	147.83	95.27	37.42	36.81	69.7	49.26	119.19	151.67
1975	1067.8	92.91	79.38	75.4	94.53	71.85	93.69	72.33	191.27	68.4	31.91	79.57	156.56
1976	1143.63	84.1	69.6	135.41	90.6	85.4	84.19	179.82	79.62	112.81	67.11	99	58.68
1977	956.58	26.81	43.58	63.12	63.88	10.79	80.24	45.16	144.44	184.76	52.13	126.44	107.93
1978	858.32	95.27	9.11	65.71	56.77	76.47	54.48	32.49	78.59	168.8	94.95	89.9	100.68
1979	967.54	43.19	15.58	54.93	134.26	57.84	65.74	95.74	47.57	37.5	172.05	158.2	93.94
1980	931.4	44.28	33.88	76.31	98.95	65.37	86.58	117.52	41.61	96.1	127.47	39.46	69.88
1981	1021.04	32.41	55.56	70.35	65.63	83.34	65.81	64.39	140.03	144.33	136.27	75.46	67.36
1982	1058.14	76.62	25.75	67.58	63.18	74.35	88.72	61.13	115.86	130.97	48.2	145.15	108.33
1983	974.7	42.55	40	45.95	103.49	127.82	52.08	82.89	88.06	136.28	62.73	95.96	96.9
1984	1041.74	41.36	84.81	81.41	63.24	115.13	100.79	57.9	110.43	133.06	47.87	126.32	107.3
1985	1194.65	91.86	139.42	98.89	61.82	62.34	61.94	80.56	143.87	94.57	105.31	136.85	117.22
1986	1208.3	51.86	44.75	53.62	77.5	61.23	128.22	113.52	133.9	208.2	114.89	41.86	73.73
1987	891.62	54.41	36.18	58.55	44.5	42.54	32.93	62.73	86.92	96.38	130.56	135.67	110.25
1988	1000.83	64.23	76.1	50.96	58.22	58.88	13.7	63.19	77.18	109.06	201.51	131.97	81.85
1989	859.54	73.42	35.55	42.51	57.62	110.72	51.87	13.02	81.4	125.99	72.15	126.35	68.94
1990	1222.97	66.19	65.91	54.27	79.82	102.26	77.68	107.52	105.11	148.08	152.92	119.32	122.89
1991	946.68	43.53	56.1	94.97	66.27	81.37	36	110.19	68.1	53.08	123.19	91.51	89.17
1992	1164.03	87.57	63.11	42.2	146.34	55.5	74.31	163.6	130.77	131.71	56.4	125.2	76.28
1993	890.69	97.51	38.94	17.15	81.69	47.01	145.44	82.11	69.93	141.79	64.35	69.84	34.93
1994	874.32	66.78	15.42	50.74	113.38	78.48	121.33	79.14	54.49	58.04	84.04	76.85	54.94
1995	903.32	87.75	27.66	45.13	98.42	77.97	70.62	74.06	57.45	39.23	158.51	171.24	41.08
1996	1298.74	53.58	63.91	24.87	138.41	104.96	168.52	84.53	49.09	354.49	99.81	106.98	92.58
1997	945.59	82.49	82.04	74.44	39.61	125.71	52.41	73.76	118.42	74.57	117.62	65.16	40.36
1998	758.11	98.43	28.85	110.27	38.71	41.55	26.04	84.22	108.88	24.28	52.52	79.24	65.92
1999	758.93	98.91	48.12	32.48	61.19	79.59	55.31	50.5	55.85	86.26	59.4	71.33	69.39
2000	1228.96	44.72	49.21	46.49	78.46	146.82	196.63	258.24	34.12	170.68	32.05	57.69	112.73
2001	888.19	49.71	94.27	25.47	54	63.95	69.76	19.71	67.54	147.49	146.04	101.15	49.1
2002	825.36	52.86	74.4	54.87	93.93	118.05	65.55	92.21	17.36	59.73	56.69	86.7	50.9
2003	979.96	49.09	44.04	42.02	83.03	112.78	65.58	63.35	49.61	136.84	101.9	116.39	93.83
2004	846.01	97.87	25.87	95.44	41.7	160.04	65.76	130.21	46.97	27.29	73.24	77.27	94.35
	955.27	63.42	55.42	60.36	79.33	81.24	77.32	82.68	95.21	102.10	88.87	99.50	83.93 Average 1960 - 2004
	989.22	71.23	55.00	56.02	76.92	86.14	79.88	92.13	77.71	119.94	97.66	99.58	77.02 Average1965 - 2004
	992.21	70.68	57.23	54.61	78.53	85.56	80.35	91.62	80.86	123.59	98.78	99.88	75.13 Average 1965 - 2002

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	228.84	49.67	64.1	35.6	2.96	0	0	0	0	0	3.55	30.32	42.74
1961	142.27	30.93	10.67	14.19	21.88	0	0	0	0	0	0	20.58	42.14
1962	197.3	49.84	39.66	4.46	0	0	0	0	0	0	27.28	0	76.06
1963	236.81	33.34	58.12	12.54	0	0	0	0	0	0	0	16.1	116.71
1964	178.44	25.95	40.88	40.26	9.48	0	0	0	0	0	10.09	19.25	32.52
1965	216.94	73.14	59.51	27.87	20.42	0	0	0	0	0	0	14.98	19.18
1966	327.8	111.9	32.65	33.14	20.46	0	0	0	0	0	0	35.47	94.18
1967	232.13	36.62	58.3	52.5	0	0	0	0	0	0	0	61.77	22.94
1968	283.91	58.63	66.45	32.78	2.69	0	0	0	0	0	0	26.61	96.75
1969	292.75	103.82	66.33	36.98	0	0	0	0	0	0	8.15	54.26	43.18
1970	265.3	33.68	44.88	24.78	17.82	0	0	0	0	0	0	44.96	103.08
1971	228.29	104.63	33.81	62.85	4.13	0	0	0	0	0	0	20.37	22.5
1972	244.33	65.75	51	17.37	7.05	0	0	0	0	0	8.46	32.9	63.8
1973	177	29.1	43.47	29.18	2.41	0	0	0	0	0	0	22.31	53.53
1974	193.76	32.58	34.58	20.43	4.41	0.41	0	0	0	0	1.2	10.49	48.68
1975	249.06	27.01	51.28	44.58	27.53	0	0	0	0	0	0	10.65	88.03
1976	347.66	110.1	38.29	31.13	8.06	0.71	0	0	0	0	2.16	66.95	89.86
1977	280.09	68.4	22.17	11.98	12.36	0	0	0	0	0	0	27.68	127.49
1978	223.55	138.74	18.19	8.73	0.4	0	0	0	0	0	0	8.92	18.37
1979	168.51	67.83	16.76	13.95	24.86	0	0	0	0	0	3.44	22.27	19.38
1980	194.76	45.02	51.2	38.42	2.9	0	0	0	0	0	0.52	4.33	51.4
1981	238.97	68.22	41.55	50.27	0.15	0	0	0	0	0	12.35	8.88	57.55
1982	260.82	132.51	42.27	24.11	20.44	0	0	0	0	0	0.41	13.82	26.26
1983	181.62	29.68	14.75	22.67	9.3	0	0	0	0	0	0	15.48	93.74
1984	176.91	61.85	30.85	40.56	0.61	7.39	0	0	0	0	0	4.12	31.93
1985	425.09	127.11	90.14	29.95	13.27	0	0	0	0	0	0	7.64	156.98
1986	196.45	58	42.08	35.35	4.92	0	0	0	0	0	0	22.75	35.54
1987	146.93	61.38	25.4	26.52	5.01	0	0	0	0	0	5.55	26.24	34.83
1988	253.21	38.7	94.37	28.35	1.33	0	0	0	0	0	8.43	15.36	63.76
1989	253.31	32.07	93.02	6.81	20.18	5.64	0	0	0	0	0	38.59	66.19
1990	130.82	23.66	27.56	3.78	5.07	6.08	0	0	0	0	2.12	10.87	51.69
1991	220.05	55.7	58.64	9.27	2.31	0	0	0	0	0	0	16.2	77.91
1992	170.39	63.33	21.8	22.57	3.26	0	0	0	0	0	15.94	12.25	31.24
1993	175.36	36.07	67.35	18.61	6.88	0	0	0	0	0	0	13.01	28.24
1994	197.85	107.08	31.45	20.72	10.97	0	0	0	0	0	0	8.39	19.24
1995	235.55	49.21	58.74	9.67	11.17	0	0	0	0	0	0	56.08	52.48
1996	186.66	24.6	21.02	26.53	6.2	0	0	0	0	0	0	63.67	42.84
1997	202.99	63.74	14.55	17.94	3.26	0	0	0	0	0	35.39	25.01	23.1
1998	113.79	35.8	0	52.57	0	0	0	0	0	0	0	1.62	23.8
1999	190.43	121.88	7.49	34.38	0	0	0	0	0	0	0	7.48	19.2
2000	251.41	44.93	27.55	12.3	8.93	0	0	0	0	0	0	14.21	143.59
2001	128.6	50.19	21.34	21.03	6.45	0	0	0	0	0	0.55	0	28.04
2002	180.02	38.39	33.15	22.69	9.23	0	0	0	0	0	0.24	34.32	42
2003	224.51	83.94	47.08	35.08	9.67	0	0	0	0	0	0	6.64	22.43
2004	262.63	154.32	10.7	22.85	0.44	0	0	0	0	0	0	3.52	70.8

1965	0.29	0.12	0.07	0.4	0.33	0.63	0.15	0.23	0.13	0.16	0.16	0.29	0.55	
1966	0.27	0.22	0.69	0.17	0.4	0.35	0.15	0.35	0.14	0.11	0.32	0.4	0.49	
1967	0.3	0.55	0.95	0.24	0.4	0.53	0.47	0.14	0.4	0.42	0.11	0.13	0.31	
1968	0.32	0.51	0.56	0.23	0.55	0.48	0.3	0	0	0.18	0.11	0.29	0.31	
1969	0.31	0.34	0.39	0.21	0.43	0.58	0.22	0.29	0.33	0.33	0.41	0.16	0.65	
1960	0.3	0.19	0.35	0.27	0.51	0.18	0.35	0.07	0.32	0.13	0.24	0.33	0.42	
1961	0.34	0.57	0.29	0.29	0.44	0.41	0.43	0.14	0.53	0.3	0.25	0.11	0.29	
1962	0.29	0.38	0.35	0.26	0.27	0.35	0.14	0.19	0.21	0.27	0.35	0.24	0.46	
1963	0.26	0.22	0.69	0.1	0.32	0.61	0.08	0.53	0.65	0.25	0.34	0.4	0.45	
1964	0.3	0.3	0.13	0.36	0.41	0.51	0.22	0.28	0.69	0.31	0.43	0.27	0.27	
1965	0.23	0.17	0.7	0.16	0.3	0.35	0.26	0.43	0.42	0.51	0.32	0.18	0.44	
1966	0.34	0.11	0.18	0.42	0.36	0.36	0.16	0.41	0.47	0.37	0.37	0.45	0.33	
1967	0.34	0.26	0.16	0.63	0.71	0.32	0.58	0.42	0.2	0.5	0.21	0.31	0.52	
1968	0.3	0.18	0.37	0.32	0.54	0.52	0.44	0.1	0.09	0.35	0.4	0.39	0.29	
1969	0.25	0.09	0.32	0.24	0.48	0.31	0.36	0.15	0.3	0.27	0.41	0.14	0.27	
2000	0.24	0.34	0.09	0.53	0.28	0.24	0.18	0.12	0.19	0.17	0.73	0.3	0.49	
2001	0.32	0.62	0.17	0.33	0.48	0.63	0.51	0.44	0.02	0.11	0.19	0.47	0.31	
2002	0.32	0.36	0.24	0.44	0.32	0.34	0.45	0.15	0.36	0.1	0.36	0.29	0.21	
2003	0.28	0.5	0.2	0.14	0.45	0.3	0.49	0.61	0.44	0.15	0.21	0.27	0.29	
2004	0.22	0.62	0.32	0.15	0.46	0.2	0.53	0.22	0.19	0.28	0.27	0.07	0	
	0.29	0.33	0.36	0.30	0.43	0.41	0.32	0.26	0.30	0.25	0.31	0.28	0.37	Average 1960 - 2004
	0.29	0.33	0.36	0.30	0.43	0.41	0.32	0.26	0.30	0.25	0.31	0.28	0.37	Average1965 - 2004
	0.26	0.31	0.37	0.32	0.43	0.43	0.30	0.25	0.30	0.25	0.32	0.30	0.39	Average 1965 - 2002

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12

1965	450.17	30.18	110.12	124.33	56.03	3.45	4.37	4.44	3.38	14.31	25.78	59.05	15.72	
1966	445.21	45.51	5.95	132.53	11.35	11.81	14.88	4.75	7.73	113.03	68.12	9.42	24.13	
1967	237.9	9.88	0.27	74	30.11	2.85	0.65	1.18	0.3	0.41	3.36	50.74	64.15	
1968	236.77	11.57	10.95	36.76	12.32	8.54	0.97	0.18	0.36	0.81	10.83	46.59	37.28	
1969	181.28	38.5	10.29	50.41	26.54	3.91	12.43	0.47	0.51	1.07	1.6	33.58	3.77	
1960	434.56	80.88	46.42	40.29	16.73	15.48	4.68	30.16	6.16	24.28	65.99	53.31	50.95	
1961	230.05	12	10.49	83.25	36.15	10.7	3.27	3.91	0.27	0.37	1.24	13.74	32.64	
1962	475.52	31.32	32.23	81.72	67.32	12.74	8.75	23.86	40.96	43	16.58	87.28	29.82	
1963	323.52	85.2	3.62	67.18	55.54	4.61	13.8	2.24	0.52	6.77	13.5	13.51	17.03	
1964	346.25	19.88	99.79	114.57	40.11	14.41	13.35	8.53	0.47	0.94	1.24	8.15	26.81	
1965	248.38	57.54	3.66	126.73	29.58	17.04	11.93	2.49	0.61	0.29	0.99	77.36	19.86	
1966	599.66	80.69	53.62	20.31	57.63	41.14	57.57	8.02	1.91	153.96	26.71	32.68	62.4	
1967	268.42	41.67	92.38	33.89	6.01	34.98	3.3	2.13	2.86	1.06	8.18	24.65	17.27	
1968	169.18	75.88	16.58	46.81	12.72	3.3	0.73	2.37	2.04	0.2	3.47	0.77	5.31	
1969	152.86	56.24	28.88	16.49	9.71	6.24	2.53	1.46	0.49	0.96	0.44	5.74	23.44	
2000	425.18	17.16	62.7	9.53	32.95	64.14	56.71	103.14	28.26	42.66	3.66	24.73	19.74	
2001	314.61	10.93	109.87	53.08	23.79	4.82	4.22	0.43	0.57	4.36	44.12	22.22	36.2	
2002	234.72	20.72	58.76	30.21	38.02	31.33	9.09	7.43	1.59	1.03	1.62	7.16	27.74	
2003	106.7	7.95	32.43	90.19	23.58	35.47	7.99	2.73	2.69	3.13	23.74	54.04	51.57	
2004	322.47	17.79	19.2	129.92	10.77	48.47	3.19	5.92	4.66	0.79	1.18	11.32	68.26	
	326.82	37.48	40.67	70.62	29.83	17.67	13.72	10.80	5.33	20.74	16.56	31.82	31.61	Average 1960 - 2004
	326.82	37.48	40.67	70.62	29.83	17.67	13.72	10.80	5.33	20.74	16.56	31.82	31.61	Average1965 - 2004
	326.57	40.21	42.31	66.24	31.20	14.97	14.62	11.52	5.52	22.83	17.02	31.72	28.41	Average 1965 - 2002

Rc

Year	Year Rc	1	2	3	4	5	6	7	8	9	10	11	12

1965	0.36	0.33	0.79	1.26	0.89	0.06	0.07	0.06	0.02	0.15	0.24	0.43	0.13	
1966	0.37	0.88	0.13	2.47	0.15	0.19	0.12	0.04	0.06	0.37	0.59	0.22	0.33	
1967	0.27	0.18	0.01	1.26	0.68	0.07	0.02	0.02	0	0	0.03	0.37	0.58	
1968	0.24	0.21	0.14	1.55	0.21	0.11	0.08	0	0	0	0.1	0.35	0.46	
1969	0.21	0.5	0.29	1.19	0.46	0.04	0.24	0.04	0.01	0.01	0.02	0.27	0.05	
1960	0.36	1.22	0.7	0.74	0.24	0.15	0.06	0.22	0.06	0.16	0.43	0.45	0.41	
1961	0.24	0.28	0.58	0.88	0.36	0.13	0.08	0.04	0	0.01	0.01	0.15	0.37	
1962	0.41	0.36	0.51	1.94	0.46	0.23	0.12	0.15	0.31	0.33	0.25	0.69	0.39	
1963	0.36	0.87	0.09	3.82	0.68	0.1	0.37	0.02	0.01	0.05	0.21	0.19	0.49	
1964	0.4	0.23	0.47	2.26	0.35	0.18	0.11	0.11	0.01	0.02	0.01	0.11	0.45	
1965	0.34	0.66	0.13	2.81	0.3	0.22	0.17	0.03	0.02	0.01	0.01	0.45	0.48	
1966	0.46	1.51	1.01	0.82	0.42	0.39	0.34	0.09	0.04	0.44	0.38	0.31	0.67	
1967	0.28	0.61	1.13	0.46	0.16	0.28	0.06	0.03	0.02	0.01	0.07	0.36	0.43	
1968	0.22	0.77	0.64	0.42	0.33	0.08	0.03	0.03	0.02	0.01	0.01	0.01	0.08	
1969	0.2	0.57	0.6	0.51	0.18	0.09	0.05	0.03	0.01	0.01	0.01	0.08	0.34	
2000	0.35	0.38	0.87	0.21	0.42	0.3	0.29	0.4	0.83	0.25	0.11	0.43	0.18	
2001	0.35	0.22	1.17	2.08	0.44	0.08	0.06	0.02	0.01	0.03	0.3	0.22	0.74	
2002	0.28	0.39	0.79	0.55	0.4	0.27	0.14	0.08	0.09	0.02	0.03	0.08	0.65	
2003	0.34	0.16	0.74	2.15	0.28	0.31	0.09	0.04	0.05	0.02	0.23	0.46	0.55	
2004	0.34	0.18	0.74	1.36	0.26	0.3	0.05	0.05	0.1	0.02	0.02	0.15	0.73	
	0.32	0.52	0.88	1.44	0.38	0.18	0.13	0.08	0.08	0.10	0.15	0.29	0.42	Average 1960 - 2004
	0.32	0.52	0.88	1.44	0.38	0.18	0.13	0.08	0.08	0.10	0.15	0.29	0.42	Average1965 - 2004
	0.32	0.56	0.89	1.41	0.40	0.17	0.13	0.08	0.08	0.10	0.16	0.29	0.40	Average 1965 - 2002

South Portrill Note Greyed area derived from BRFIV provisional streamflow data. Hydat data 1965 to 2002

Distributed Precipitation

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1960	759.13	76.21	72.82	54.38	87.11	123.86	79.58	30.43	21.65	39.36	53.73	96.5	25.41	
1961	642.73	22.73	60.79	54.26	63.72	79.68	70.63	99.21	68.17	73.91	71.96	80.31	67.18	
1962	628.97	72.42	37.4	16.44	61.13	52.04	87.44	38.16	99.65	73.28	148.94	51.44	80.63	
1963	639.9	21.9	42.16	73.22	68.17	74.38	45.16	49.68	34.67	40.71	20.21	107.63	60.01	
1964	1016.73	59.74	42.43	87.28	100.2	68.87	51.83	115.25	265.61	43.88	76.54	35.36	71.72	
1965	915.28	94.31	58.13	49.5	87.79	66.35	20.91	78.79	95.71	58.34	130.95	106.53	84.87	
1966	1076.54	67.25	63.84	83.16	81.89	68.1	119.33	67.47	107.18	86.4	53.3	168.68	131.97	
1967	984.47	33.94	44.12	47.64	88.38	58.02	142.76	55.4	115.88	91.77	111.25	116.51	82.8	
1968	938.77	91.27	66.86	63.41	68.02	42.86	86.69	61.94	55.57	112.9	123.02	86.27	90.96	
1969	887.74	107.86	38.3	43.87	109.21	109.91	46.57	110.68	23.58	25.42	76.01	125.92	47.11	
1970	925.25	16.06	26.51	55.18	104.59	94.03	49.41	190.04	45.66	104.34	58.44	91.56	96.43	
1971	724.87	72.07	55.36	33.59	34.07	20.08	33.43	70.74	167.11	66.46	26.01	52.38	90.76	
1972	879.62	51.06	29.21	52.54	70.38	101.52	55.23	45.1	43.77	96.62	135.29	78.42	127.68	
1973	851.95	46.21	38.76	165.4	60.06	94.78	87.01	29.46	33.83	41.82	87.96	117.72	53.83	
1974	854.7	72.94	69.33	66.44	92.84	148.02	63.27	36.19	42.85	66.81	36.94	106.67	32.4	
1975	998.77	99.82	88.68	81.16	95.41	77.15	92.23	87.11	169.15	79.1	30.6	67.43	89.93	
1976	1135.46	88.84	60.32	135.68	85.25	83.42	76.53	198.8	79.65	125.12	65.48	82.58	33.49	
1977	930.9	24.4	35.86	61.95	58.82	12.69	84.27	38.62	134.52	203.43	49.23	123.68	94.33	
1978	811.89	107.16	9.23	37.32	57.38	76.06	56.02	32.57	72.33	172.05	66.31	34.11	73.35	
1979	874.34	21.85	14.06	48	139.08	55.46	62.41	75.08	45.14	40.01	148.26	142.57	82.12	
1980	872.34	33.22	30.22	65.58	98.91	98.6	60.98	123.58	47.26	113.6	124.07	36.12	64.18	
1981	930.12	37.61	44.32	75.74	88.81	80.46	67.87	49.48	106.37	147.73	106.26	74.04	52.23	
1982	938.72	85.44	26.6	61.95	62.83	85.8	78.29	48.32	102.83	128.42	44.95	127.4	85.69	
1983	650.04	32.78	39.76	50.08	99.99	119.21	49.67	61.05	66.41	138.35	52.6	86.24	53.67	
1984	985.47	43.26	57.52	76.54	67.72	106.95	109.47	57.9	86.94	136.74	50.2	114.49	65.74	
1985	1139.18	98.63	142.32	90.77	59.87	58.07	58.27	74.03	123.61	95.51	97.27	129.33	80.5	
1986	1139.28	60.68	46.34	47.14	73.06	60.17	122.09	124.92	123.03	309.59	83.82	34.39	55.04	
1987	845.4	57.08	27.82	54.62	51.3	44.37	51.38	48.23	84.09	115.96	114.62	114.24	81.69	
1988	881.93	46.81	66.48	50.95	53.66	45.45	14.68	70.09	61.69	101.7	194.43	118.83	52.16	
1989	761.5	64.44	34.53	42.77	51.41	104.67	56.33	20.78	56.96	111.39	60.22	120.62	37.48	

	427.37	65.79	59.70	101.52	44.82	23.48	15.52	6.64	5.09	19.54	23.77	42.05	54.78	Average1966 - 2004
	437.96	42.56	63.74	100.36	45.51	20.79	15.83	7.16	5.24	20.52	24.24	41.52	53.51	Average 1966 - 2002

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1966	52.15	4.58	6.03	12.86	9.39	3.62	0.54	0	0.29	0	0.16	5.72	8.88
1967	62.33	6.65	4.8	10.57	10.07	2.7	2.32	0.91	0.14	0.05	3.48	12.05	8.59
1968	35.22	5.33	3.51	6.63	4.88	2.88	0.92	0.17	0	0.04	0.74	4.92	4.9
1969	41.04	5.95	6.36	8.54	8.29	4.08	0.73	0	0	0	0	1.13	5.95
1970	47.33	3.12	6.18	17.28	7.95	1.12	0.04	0.06	0.08	0	0.07	2.1	9.33
1971	62.76	3.52	10.29	25.47	7.59	0.64	0	0	0.07	0.01	0	0.21	14.96
1972	73.13	9.94	1.4	16.85	12.76	3.08	0.02	0.03	0	0	0.48	12.29	16.28
1973	57.88	9.87	4.39	22.57	7.53	4.7	0.69	0	0	0	0	2.66	4.67
1974	37.02	6.76	6.21	10.84	6.58	5.14	0.06	0	0	0	0	0.45	2.98
1975	51.72	4.9	2.95	14.44	16.39	2.68	2.29	0.01	0.13	0.79	0.93	1.61	4.61
1976	73.37	3.14	20.45	23	5.18	5.21	0.33	1.91	0.5	0.5	2.87	7.17	3.11
1977	58.64	2.57	2.72	23.64	9	1.5	0.38	0	0	0.38	3.76	5.8	10.59
1978	39.08	1.35	0.43	13.37	17.81	3.14	0.45	0	0	0	0.2	0.6	1.73
1979	55.17	1.54	0.93	17.97	22.08	4.42	0.42	0.19	0.03	0	0.13	1.73	5.72
1980	47.34	3.4	1.63	14.12	14.39	2.65	1.07	0.44	0.18	0.08	4.24	2.1	3.03
1981	96.48	1.68	11.96	12.14	8.46	7.32	3.37	0.91	0.18	3.04	10.86	11.85	24.41
1982	101.53	11.87	4.67	34.71	11.88	2	2.85	0.18	0.06	0.06	2.2	15.14	19.59
1983	68.03	10.52	9.68	8.18	11.2	10.3	3.49	0.1	0.29	0.08	0.36	4.53	9.3
1984	63.65	1.58	9.67	11.64	8.46	3.92	3.03	0.82	0	2.04	1.18	8.9	12.21
1985	136.7	7.28	17.08	73.23	9.61	1	0.98	0.05	0.15	1	1.31	13.95	11.05
1986	80.57	6.78	5.58	15.14	9.06	2.58	1.55	0.1	0.18	7.58	14.01	3.98	14.02
1987	67.03	10.85	4.57	9.81	8.27	0.94	0.12	0	0	0.09	1.69	5.61	25.68
1988	52.11	1.18	4.4	15.11	7.75	1.63	0.04	0	0	0	5.64	12.26	3.87
1989	36.49	5.09	1.43	5.57	9	2.46	0.96	0	0	0.41	2.56	6.2	2.81
1990	98.04	12.62	13.94	12.34	11.33	3.77	0.9	0.31	0.96	5.27	12.95	9.49	14.16
1991	93.87	9.17	5.56	16.97	14.49	4.54	1.26	0.87	0.06	0	0.37	1.51	6.1
1992	113.27	8.5	11.97	18.79	16.51	5.4	1.37	4.77	3.64	6.29	6.5	19.52	10.51
1993	53.73	10.62	2.47	6.62	14.55	2.5	1.31	0.01	0.03	0.11	1.53	3.4	7.18
1994	64.94	1.16	3.49	13.55	14.1	6.26	1.35	1.34	0.96	0.07	2.97	7.38	10.12
1995	36.61	7.25	1.87	6.45	2.09	0.37	0.23	0.01	0	0	1.07	12.86	4.61
1996	114.75	3.59	3.92	8.62	17.51	14.57	9	2.8	0.62	9.32	8.87	14.3	21.33
1997	108.35	9.16	7.63	22.87	14.13	21.6	9.49	0.82	0.9	2.41	0.24	8.62	10.28
1998	57.77	11.75	10.06	19.98	9.29	2.91	0.78	0	0.17	0	0.16	0.84	2.42
1999	38.51	6.23	8.67	6.51	3.9	0.69	0.99	0.13	0	0	0.61	3.94	6.64
2000	114.56	4.52	3.76	5.79	8.71	16.08	21.27	22.73	11.34	1.93	4.03	4.75	9.66
2001	119.36	13.55	16.09	18.37	10.42	1.91	2.96	0.05	0	0.25	19.49	27.02	9.25
2002	52.6	6.75	13.81	12.96	8.46	6.44	2.53	0.06	0	0	0	0.07	0.52
2003	64.53	0.95	1.17	8.58	9.96	12.09	3.03	0.67	0.22	0.24	2.95	11.4	13.37
2004	45.46	4.9	5.05	18.29	7.06	8.28	1.53	0	0.28	0	0	0	0.07
	67.55	6.17	6.55	15.63	10.34	4.85	2.17	1.05	0.56	1.08	3.02	6.76	9.07	Average 1960 - 2004
	67.55	6.17	6.55	15.63	10.34	4.85	2.17	1.05	0.56	1.08	3.02	6.76	9.07	Average1966 - 2004
	68.23	6.26	6.73	16.06	10.43	4.56	2.17	1.08	0.57	1.13	3.10	6.82	9.20	Average 1966 - 2002

BFI

Year	Year BFI	1	2	3	4	5	6	7	8	9	10	11	12
1966	0.19	0.44	0.19	0.22	0.29	0.44	0.03	0	0.15	0	0.15	0.14	0.14
1967	0.17	0.25	0.45	0.13	0.24	0.3	0.08	0.24	0.17	0.04	0.08	0.2	0.15
1968	0.13	0.18	0.08	0.1	0.3	0.39	0.03	0.2	0	0.02	0.09	0.13	0.23
1969	0.17	0.1	0.43	0.18	0.19	0.12	0.24	0	0	0	0	0.07	0.27
1970	0.15	0.15	0.2	0.15	0.14	0.07	0.03	0	0.05	0	0.13	0.2	0.21
1971	0.2	0.28	0.09	0.32	0.36	0.27	0	0	0.01	0.02	0	0.03	0.21
1972	0.21	0.34	0.4	0.18	0.19	0.27	0.01	0.03	0	0	0.04	0.27	0.18
1973	0.19	0.3	0.38	0.18	0.52	0.32	0.18	0	0	0	0	0.08	0.13
1974	0.13	0.1	0.12	0.14	0.17	0.08	0.07	0	0	0	0	0.11	0.3
1975	0.15	0.1	0.08	0.15	0.3	0.33	0.11	0.06	0.03	0.21	0.02	0.36	0.19
1976	0.17	0.21	0.12	0.22	0.14	0.17	0.15	0.08	0.3	0.09	0.22	0.29	0.5
1977	0.15	0.76	0.11	0.14	0.26	0.55	0.11	0	0	0.04	0.28	0.23	0.09
1978	0.14	0.27	0.22	0.09	0.19	0.19	0.42	0	0	0	0.23	0.43	0.18
1979	0.16	0.06	0.29	0.16	0.2	0.35	0.21	0.05	0.04	0	0.21	0.06	0.1
1980	0.15	0.33	0.31	0.08	0.27	0.23	0.1	0.07	0.29	0.1	0.14	0.77	0.11
1981	0.18	0.49	0.06	0.51	0.26	0.48	0.2	0.25	0.1	0.06	0.1	0.29	0.53
1982	0.12	0.14	0.82	0.1	0.28	0.11	0.25	0.24	0.02	0.03	0.08	0.1	0.1
1983	0.17	0.45	0.14	0.28	0.22	0.16	0.21	0.04	0.06	0.04	0.31	0.15	0.09
1984	0.08	0.69	0.04	0.1	0.28	0.18	0.05	0.11	0	0.04	0.48	0.1	0.11
1985	0.11	0.12	0.05	0.16	0.13	0.27	0.3	0.05	0.01	0.02	0.03	0.11	0.24
1986	0.08	0.06	0.22	0.08	0.2	0.13	0.03	0.07	0.06	0.03	0.12	0.28	0.16
1987	0.14	0.47	0.55	0.09	0.14	0.45	0.15	0	0	0.12	0.08	0.07	0.16
1988	0.14	0.16	0.11	0.17	0.49	0.44	0.18	0	0	0	0.08	0.12	0.1
1989	0.18	0.17	0.18	0.13	0.31	0.64	0.21	0	0	0.05	0.35	0.11	0.58
1990	0.18	0.15	0.21	0.21	0.38	0.17	0.26	0.05	0.07	0.14	0.16	0.19	0.22
1991	0.22	0.38	0.12	0.24	0.39	0.13	0.16	0.07	0.04	0	0.1	0.09	0.22
1992	0.17	0.29	0.17	0.41	0.22	0.62	0.36	0.05	0.07	0.09	0.1	0.17	0.27
1993	0.2	0.15	0.56	0.09	0.3	0.54	0.2	0.12	0.18	0.07	0.22	0.21	0.43
1994	0.16	0.04	0.06	0.13	0.38	0.38	0.03	0.22	0.11	0.03	0.19	0.34	0.25
1995	0.12	0.11	0.21	0.09	0.07	0.05	0.09	0.01	0	0	0.18	0.15	0.3
1996	0.16	0.05	0.07	0.3	0.18	0.35	0.17	0.19	0.18	0.07	0.14	0.27	0.31
1997	0.23	0.2	0.08	0.35	0.64	0.2	0.43	0.21	0.09	0.27	0.03	0.27	0.24
1998	0.14	0.09	0.23	0.17	0.52	0.4	0.27	0	0.03	0	0.21	0.23	0.1
1999	0.12	0.06	0.37	0.18	0.16	0.22	0.21	0.21	0	0	0.06	0.07	0.11
2000	0.21	0.17	0.05	0.52	0.13	0.28	0.21	0.65	0.23	0.08	0.24	0.31	0.16
2001	0.22	0.28	0.1	0.38	0.42	0.19	0.12	0.19	0	0.04	0.2	0.38	0.19
2002	0.21	0.27	0.23	0.29	0.13	0.21	0.21	0.03	0	0	0	0.09	0.14
2003	0.13	0.28	0.15	0.07	0.19	0.19	0.19	0.19	0.13	0.17	0.08	0.1	0.12	0.16
2004	0.13	0.38	0.15	0.14	0.58	0.1	0.41	0	0.09	0	0	0	0	0
	0.16	0.24	0.21	0.20	0.27	0.27	0.17	0.09	0.07	0.05	0.15	0.19	0.21	Average 1960 - 2004
	0.16	0.24	0.21	0.20	0.27	0.27	0.17	0.09	0.07	0.05	0.15	0.19	0.21	Average1966 - 2004
	0.16	0.24	0.22	0.20	0.27	0.28	0.16	0.09	0.06	0.05	0.16	0.20	0.21	Average 1966 - 2002

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12
1966	217.07	5.85	26.41	46.84	23.19	4.67	18.9	0.15	1.61	0.54	0.89	34.53	53.39
1967	303.51	20.16	5.75	70.29	32.49	8.44	26.1	2.84	0.7	1.15	37.5	49.24	49.85
1968	228.88	24.14	41.05	59.11	11.17	4.48	29.68	0.69	0.23	2.08	7.35	32.34	16.56
1969	196.34	50.78	8.47	38.58	36.39	28.35	2.32	0.06	0	0	0	15.01	15.97
1970	265.63	17.02	22.97	99.76	47.64	14.99	1.32	15.01	1.49	0	0.45	8.19	35.8
1971	258.42	8.88	105.65	54.53	13.26	1.72	0.56	0	8.66	0.56	1.32	6.26	52.22
1972	280.64	18.98	2.06	75.61	55.86	8.24	1.85	1.14	0	0	10.5	33.35	73.05
1973	245.79	53.15	7.22	103.22	7.06	9.96	3.24	0.31	0.21	0	0.13	30.96	30.33
1974	252.87	60.17	30.25	65.5	32.39	53.13	0.4	0.21	0	0	0	3.48	8.94
1975	290.47	45.53	85.5	79.88	64.91	5.81	19.26	0.16	3.81	2.97	0.2	2.29	20.1
1976	358.96	11.64	147.06	79.9	32.22	25.61	1.93	22.84	1.18	6.13	33.47	17.74	3.16
1977	327.48	0.8	21.8	144.66	16.76	1.25	2.95	0.68	0	8.19	7.2	20.87	102.01
1978	234.2	3.7	1.52	130.15	76.28	13.14	0.62	0	0	0.09	0.66	0.6	7.24
1979	297.91	22.82	2.31	92.85	89.11	8.2	1.55	3.31	0.67	0	0.49	27.26	49.34
1980	263.96	4.98	3.67	135.87	38.94	9.01	9.48	5.51	0.45	0.82	16.7	0.61	25.42
1981	448.85	2.03	188.17	11.72	23.76	8.05	13.16	2.69	1.61	51.76	95.64	29	21.26
1982	751.08	61.21	1.1	328.72	30.64	16.44	8.71	0.58	2.98	2.32	26.09	195.07	167.22
1983	326.73	12.89	57.36	20.81	37.09	54.42	13.29	2.4	4.34	2.19	0.82	26.3	94.82
1984	653.91	0.71	208.16	109.28	21.24	16.27	56.51	6.93	0.94	50.75	1.3	80.76	100.93
1985	1088.97	53.58	319.22	386.33	64.17	2.74	2.34	0.94	14.17	54.28	40.68	115.79	34.73
1986	660.68	107.41	19.46	170.21	38.46	17.89	54.16	1.28	2.89	261.76	108.46	10.24	74.49
1987	396.85	12.48	3.67	93.57	51.07	1.17	0.68	1.21	0.02	0.67	19.65	76.25	136.31
1988	300.64	9.38	35.43	72.28	9.2	2.31	0.18	1.05	0.55	0	62.95	87.53	33.76
1989	165.25	24.92	6.69	38.83	19.73	3.19	3.58	0	0.34	8.54	4.66	52.76	2.01
1990	423.95	73.92	52.84	46.78	18.24	18.5	2.51	6.45	12.58	32.73	69.76	40.25	50.39
1991	232.21	14.71	39.24	53.61	22.42	31.26	6.81	12.06	1.64	0	3.21	16.15	21.1
1992	546.67	20.71	58.57	26.58	54.61	3.67	2.45	82.84	45.42	67.66	61.52	93.57	29.07
1993	204.38	62.04	1.98	68.54	34.6	2.16	5.14	0.88	0.14	1.41	5.45	12.56	9.48
1994	345.31	27.47	72.39	88.71	22.47	12.75	40.31	8.71	8.01	2.08	12.33	14.2	30.04
1995	258.49	61.43	7.22	66.2	26.11	6.74	2.2	0.94	0.8	0	4.73	72.2	10.92
1996	610.92	62.65	53.52	20.27	78.88	43.04	44.3	11.77	3.91	123.21	54.02	38.8	79.65
1997	353.75	35.75	90.41	42.58	8.12	83.88	12.33	3.1	9.28	6.36	6.91	23.32	31.7
1998	355.66	177.03	32.75	96.96	8.59	3.44	2.12	0.31	6.57	0	3.59	2.79	22.51
1999	288.52	101.01	14.83	30.27	20.71	2.46	3.79	1.21	0	0	11.69	49.85	53.7
2000	436.8	21.4	70.5	5.38	57.31	61.74	78.68	28.01	37.66	23.38	12.79	10.77	49.17
2001	413.61	21.84	147.97	30.55	14.49	8.02	22.41	0.21	0	5.96	79.7	44.21	38.25
2002	197.93	18.62	46.71	32.37	61.22	24.16	9.29	1.69	0.02	0	0	0.75	3.1
2003	415.77	2.45	6.7	122.28	61.9	50.05	12.86	4.48	1.1	2.86	26.5	92.7	71.88
2004	317.3	7.89	28.84	112.28	5.2	76.1	2.24	0.4	2.91	0.48	0.04	9.31	71.3
	368.62	34.62	52.15	95.99	34.48	18.62	13.34	5.89	4.53	18.49	20.75	35.28	65.70	Average 1960 - 2004
	368.62	34.62	52.15	95.99	34.48	18.62	13.34	5.89	4.53	18.49	20.75	35.28	65.70	Average1966 - 2004
	369.73	36.21	54.00	94.29	36.07	18.22	13.66	6.07	4.67	19.07	21.16	34.70	68.31	Average 1966 - 2002

Ri

Year	Year Ri	1	2	3	4	5	6	7	8	9	10	11	12
1966	0.2	0.09	0.41	0.56	0.28	0.07	0.16	0	0.02	0.01	0.02	0.2	0.4
1967	0.3	0.59	0.13	1.48	0.36	0.11	0.18	0.05	0.01	0.01	0.34	0.41	0.6
1968	0.24	0.26	0.61	0.93	0.16	0.1	0.34	0.02	0	0.02	0.06	0.34	0.18
1969	0.22	0.47	0.22	0.87	0.33	0.27	0.05	0	0	0	0	0.12	0.34
1970	0.29	1.08	0.84	1.81	0.46	0.16	0.03	0.08	0.03	0	0.01	0.09	0.37
1971	0.35	0.12	1.91	1.62	0.39	0.09	0.02	0	0.05	0.01	0.05	0.12	0.61
1972	0.32	0.37	0.07	1.44	0.79	0.08	0.03	0.03	0	0	0.08	0.43	0.57
1973	0.29	1.15	0.19	0.64	0.12	0.11	0.04	0.01	0.01	0	0	0.26	0.56
1974	0.3	0.82	0.51	0.88	0.36	0.38	0.01	0.01	0	0	0	0.03	0.21
1975	0.29	0.46	0.51	0.88	0.68	0.08	0.21	0	0.02	0.04	0.01	0.03	0.22
1976	0.32	0.13	1.83	0.59	0.38	0.31	0.03	0.11	0.01	0.04	0.16	0.21	0.09
1977	0.36	0.03	0.61	2.34	0.29	0.1	0.04	0.02	0	0.04	0.15	0.17	1.08

South Maitland Tnb. near Seaforth

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Panchi Inflow

Note Greyed area derived from BRFU provisional streamflow data. Hydat data 19674 to 2002
BUT: mistake when ran BFLOW - only 1988 to 2002 data (made a useful usecase to get BFI. MAch 14, 2006)

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	734.7	70.68	72.41	58.58	89.56	116.96	76.07	29.21	23.68	34.73	53.89	93.79	15.14	
1961	819.88	20.57	83.21	58.7	88.04	76.34	67.75	95.29	74.7	65.43	76.49	79.77	56.59	
1962	839.23	66.7	37.29	17.95	63.65	49.83	83.6	36.67	109.3	64.75	147.27	54	78.22	
1963	618.48	19.76	61.97	79.69	70.83	71.34	43.19	47.76	40.23	35.94	21.5	109.34	36.73	
1964	1029.7	54.23	61.46	94.53	101.44	64.08	49.08	110.68	291.51	38.08	75.57	33.75	71.47	
1965	917.81	87.53	57.64	53.15	86.78	63.56	19.99	75.6	104.98	52.51	139.17	109.64	68.26	
1966	1061.69	60.68	63.3	90.26	78.94	65.28	114.06	65.58	117.47	74.61	58.71	175.65	119.35	
1967	993.87	31	43.7	50.68	92.96	58.64	136.4	53.16	127.11	84.66	118.19	112.59	87.28	
1968	915.58	85.27	66.26	68.75	68.48	41.03	62.79	40.28	60.94	84.84	130.67	95.9	74.28	
1969	865.88	96.77	39.2	47.2	113.39	105.27	44.52	127.59	25.85	22.62	78.02	125.03	37.42	
1970	887.21	14.42	39.32	58.7	103.15	90.11	47.26	172.94	53.12	92.31	63.27	89.29	76.32	
1971	729.05	65.15	54.93	35.42	34.17	19.3	31.94	67.97	183.19	58.82	30.86	51.54	95.76	
1972	868.05	46.54	29.08	57.19	71.51	97.23	52.92	43.29	47.9	76.46	142.65	75.53	127.75	
1973	857.52	43.12	38.45	175.23	61.52	90.73	83.23	28.23	37.27	36.96	93.58	120.76	48.42	
1974	842.04	68.83	58.85	72.4	95.42	143.88	89.16	34.75	49.98	58.1	38.18	110.49	24.99	
1975	981.16	94.45	87.95	87.74	92.76	74.01	88.11	35.68	185.61	61.96	32.52	69.09	71.28	
1976	1105.72	80.91	79.63	148.72	86.1	79.87	73.18	190.95	87.68	110.65	69.57	74.63	23.63	
1977	887.5	22.16	35.57	67.99	57.72	12.19	80.6	38.07	147.57	179.86	52.3	121.36	72.11	
1978	795.7	98.05	8.16	45.8	58.74	72.89	53.53	31.22	79.3	152.14	90.58	39.57	74.72	
1979	885.1	20.19	14.06	52.45	136.73	53.2	58.6	72.08	49.64	35.63	154.49	147.43	99.6	
1980	862.64	30.8	30.91	71.11	103.19	63.95	87.02	118.73	51.79	105.45	131.84	37.07	39.48	
1981	918.22	33.92	44.11	81.48	90.2	77.07	64.2	47.55	118.75	130.52	111.41	75.22	43.79	
1982	930.15	77.62	26.48	67.51	60.65	82.24	74.89	66.42	112.83	113.76	47.8	135.14	88.81	
1983	826.67	30.61	39.42	54.45	101.28	114.21	47.46	58.58	73.13	122.32	56.93	88	41.29	
1984	990.52	28.95	56.92	83.06	70.42	102.81	104.61	55.18	95.31	122.66	53.13	120	87.07	
1985	1081.15	90.28	143.92	98.98	58.48	55.66	55.8	71.07	125.54	84.38	103.22	134.41	52.39	
1986	1080.88	54.43	45.74	50.7	74.86	57.68	112.22	116.61	137.51	256.51	84.27	34.1	56.06	
1987	849.73	55.05	31.52	56.28	56.2	80.24	58.33	51.42	94.51	105.98	121.38	114.23	74.54	
1988	855.83	39.88	61.89	58.53	58.36	39.23	14.08	70.42	68.35	87.3	186.09	119.73	43.97	
1989	713.01	52.81	34.62	46.8	49.02	100.63	54.39	23.83	56.62	86.65	62.74	121.88	23.01	
1990	1085.35	48.51	87.17	57.41	67.92	75.57	88.06	154.05	125.75	110.71	120.84	96.9	79.46	
1991	927.6	36.44	41	92.83	86.4	83.48	49.13	131.33	108.03	44.58	110.38	87.94	44.56	
1992	1157.85	83	61.33	48.05	143.29	41.49	73.14	168.67	129.94	114.24	77.98	139.31	60.41	
1993	846.48	87.21	40.9	23.76	88.62	46.52	117.43	65.73	57.16	137.24	76.13	58.98	26.8	
1994	845.94	81.13	14.67	56.07	121.59	67.22	109.67	68.21	70.68	76.6	69.24	63.56	47.3	
1995	880.5	98.79	28.17	48.4	98.17	74.67	54.49	90.51	71.04	31.9	116.6	150.26	20.5	
1996	1213.39	57.14	43.95	26.16	139.12	90.16	180.57	101.16	37.83	281.2	89.94	78.61	87.55	
1997	876.59	64.65	79.31	84.8	38.27	136.48	46.91	58.47	151.25	52.47	79.68	53.67	28.53	
1998	791.6	93.15	36.19	130.37	39.03	56.73	25.53	80.98	98.81	49.2	49.74	70.13	61.93	
1999	835.44	86.41	39.79	20.97	69.96	58.81	66.49	62.31	60.63	73.89	77.84	99.67	79.68	
2000	1040.81	54.76	47.76	34.19	65.76	129.52	148.74	157.43	44.71	169.3	45.69	70.16	52.77	
2001	925.19	49.24	65.94	36.59	55.42	75.07	68.78	30.66	55.26	163.93	154.61	87.23	42.46	
2002	752.28	60.67	79.6	54.68	97.78	100.89	49.59	83.69	14.07	42.26	58.1	80.14	30.81	
2003	946.34	44.97	47.68	47.32	92.27	111.95	77.08	70.75	45.95	119.21	105.09	113.8	75.17	
2004	953.98	66.44	39.45	104.22	37.56	149.15	65.13	126.24	63.46	26.29	79.71	78.44	60.69	
	905.65	59.30	50.06	66.49	80.71	77.23	73.39	78.17	88.11	92.23	87.66	93.22	60.09	Average 1960 - 2004
	915.97	61.73	51.78	63.73	81.95	76.08	74.79	80.58	88.49	108.88	87.32	92.52	54.14	Average1974 - 2002
	917.20	66.25	54.15	54.31	82.38	78.56	78.54	91.18	76.66	101.43	92.31	92.75	68.68	Average 1988 - 2002

Distributed Snowfall (cm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12	
1960	204.44	43.4	68.49	44.47	1.97	0	0	0	0	0	1.24	28.02	16.85	
1961	119.32	33.94	9.63	20.59	24.33	0	0	0	0	0	0	13.55	17.28	
1962	130.73	52.4	38.42	4.07	0	0	0	0	0	0	7.69	0	28.15	
1963	188.14	39.68	53.43	18.65	0	0	0	0	0	0	0	12.28	44.1	
1964	131.88	20.47	37.55	39.19	7.37	0	0	0	0	0	2.9	12.98	11.23	
1965	183.01	58.52	55.07	37.19	15.47	0	0	0	0	0	0	9.93	6.63	
1966	224.42	90.06	30.18	32.26	15.74	0	0	0	0	0	0	23.62	32.56	
1967	183.25	29.47	53.68	51.13	0	0	0	0	0	0	0	41.03	7.94	
1968	193.47	46.99	61.28	31.91	2.11	0	0	0	0	0	0	17.65	33.49	
1969	215.52	83.25	42.94	36.08	0	0	0	0	0	0	2.31	35.99	14.95	
1970	140.98	26.98	41.43	24.26	13.73	0	0	0	0	0	0	35.38	39.2	
1971	187.4	99.02	27.2	40.79	1.88	0	0	0	0	0	0	11.46	7.04	
1972	158.28	51.48	34.96	22.84	4.32	0	0	0	0	0	0.62	25.6	18.56	
1973	124.33	23.91	35.69	34.01	1.91	0	0	0	0	0	0	12.71	16.1	
1974	96.13	23.47	23.66	19.44	1.94	0	0	0	0	0	0	6.97	11.65	
1975	172.92	19.18	45.74	48.45	25.08	0	0	0	0	0	0	5.97	31.19	
1976	226.82	91.15	40.94	21.41	5.26	0	0	0	0	0	0	45.24	22.83	
1977	152.16	51.14	11.18	5.56	4.25	0	0	0	0	0	0	29.81	50.21	
1978	156.63	119.65	14.87	8.52	0	0	0	0	0	0	0	5.8	7.79	
1979	87.18	22.54	20.8	9.78	19.82	0	0	0	0	0	1.45	9.32	3.47	
1980	124.37	22.35	55.39	32.87	0.8	0	0	0	0	0	0	2.78	13.88	
1981	197.26	71.49	40.58	56.82	0	0	0	0	0	0	9.76	8.52	10.08	
1982	212.82	117.03	38.6	20.69	17.34	0	0	0	0	0	0	10.16	7.98	
1983	88.53	13.06	11.92	24.02	6.56	0	0	0	0	0	0	9.75	23.21	
1984	129.3	52.66	29.67	33.73	0	0.69	0	0	0	0	0	0.6	10.75	
1985	284.32	102.85	62.48	29.35	9.1	0	0	0	0	0	0	5.43	55.11	
1986	154.31	58.96	43.45	34	0	0	0	0	0	0	0	9.58	8.32	
1987	114.46	57.59	10.44	22.64	1.24	0	0	0	0	0	0	10.24	12.01	
1988	149.62	17.14	72.14	33.36	0.39	0	0	0	0	0	2.82	5.46	18.29	
1989	145.13	19.95	41.73	4.9	7.09	0.48	0	0	0	0	0	40.11	30.85	
1990	85.69	14.3	54.42	1.8	1.8	0.28	0	0	0	0	0.2	2.35	10.54	
1991	147.98	45.54	58.96	10.28	0.35	0	0	0	0	0	0	9.98	27.96	
1992	154.62	59.11	20.2	19.77	8.29	0	0	0	0	0	24.09	12.33	10.63	
1993	129.42	25.99	63.08	20.92	4.63	0	0	0	0	0	0	5.02	9.78	
1994	161.24	89.77	27.45	21.14	13.47	0	0	0	0	0	0	2.76	6.65	
1995	142.15	47.39	47.39	9.87	11.36	0	0	0	0	0	0	28.18	18.16	
1996	120.5	25.25	20.98	26.48	2.68	0	0	0	0	0	0	28.27	14.84	
1997	144.67	66.28	16.22	20.24	3.07	0	0	0	0	0	10.67	20.38	8.01	
1998	91.46	25.01	0	58.4	0	0	0	0	0	0	0	1.6	6.25	
1999	139.28	82.21	6.01	30.48	0	0	0	0	0	0	0	13.52	6.66	
2000	186.5	60.68	26.86	3.82	2.84	0	0	0	0	0	0	31.55	60.74	
2001	112.47	54.85	15.7	28.27	3.45	0	0	0	0	0	0.14	0	10.06	
2002	123.34	36.77	34.39	14.71	6.72	0	0	0	0	0	0.07	14.11	14.57	
2003	171.7	69.48	38.13	34.53	7.99	0	0	0	0	0	1.73	8.37	11.57	
2004	157.46	93.37	16.21	20.92	0.14	0	0	0	0	0	0	2.34	24.48	
	154.54	52.09	35.91	25.92	5.56	0.03	0.00	0.00	0.00	0.00	1.26	14.83	18.91	Average 1960 - 2004
	145.51	51.08	33.50	23.22	5.39	0.05	0.00	0.00	0.00	0.00	1.38	12.97	18.02	Average1974 - 2002
	135.54	43.82	33.72	20.30	4.39	0.05	0.00	0.00	0.00	0.00	2.52	14.39	16.35	Average 1988 - 2002

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1974	277.75	80.86	44.13	92.5	55.99	68.62	5.54	0.69	0	0	0	11.87	14.55
1975	414.68	95.28	82.19	101.15	91.07	8.13	17.38	0.62	2.63	4.81	0.87	5.02	35.42
1976	579.32	29.15	193.11	113.72	50.65	31.68	4.99	51	26.41	13.17	11.92	57.66	8.66
1977	454.82	4.02	6.27	190.99	34.5	4.14	0.89	9.95	0.06	13.41	18.25	38.36	132.98
1978	322.37	8.25	6.43	112.85	127.37	17.75	3.85	0.18	0.03	1.49	8.95	3.49	21.93
1979	490.92	31.77	6.35	152.91	114.85	10.12	2.33	4.77	0.25	0	1.48	83.31	82.58
1980	263.36	10.71	4.41	95.06	52.5	18.47	14.2	2.66	1.59	0.43	26.33	3.79	32.21
1981	477.66	2.58	142.95	35.31	28.91	25.87	7.83	0.63	5.72	67.63	65.47	40.84	33.81
1982	465.96	40.29	5.41	176	51.82	6.03	12.2	0.53	2.17	2.03	8.38	60.36	100.74
1983	164.2	19.68	48.82	24.58	40.12	53.67	22.34	4.74	8.11	5.07	1.48	24.56	22.92
1984	421.88	4.13	91.9	72.23	37	21.7	38.81	4.65	0.86	32.65	1.24	49.69	67.86
1985	545.07	33.56	115.61	147.41	54.69	4.93	6.04	4.08	1.33	19.02	26.28	89.22	37.99
1986	525.05	54.54	22.43	109.58	35.1	17.02	19.55	5.01	3.52	116.58	71.57	12.23	57.52
1987	367.19	21.36	3.4	91.49	43.04	4.15	3.42	1.02	0.15	0.11	20.65	65.77	109.66
1988	307.61	14.41	36.55	79.66	19.55	5.86	0.5	0	0.2	0	32.61	79.15	38.92
1989	224.27	9.15	13.38	54.92	35.84	4.94	6.63	0.19	0	2.57	3.45	49.01	33.09
1990	572.24	107.58	66.53	53.41	36.65	22.47	3.66	18.27	9.48	26.22	90.31	54.94	69.72
1991	291.42	24.86	51.08	85.63	44.53	25.69	5.42	6.02	0.74	0	0.3	8.08	28.87
1992	599.05	39.94	71.52	59.41	84.81	7.92	2.67	44.88	49.61	58.81	34.51	111.24	36.58
1993	307.78	76.41	5.52	73.67	53.86	5.37	27.02	2.39	0.69	3.14	14.64	22.88	21.79
1994	292.65	21.81	52.95	102.58	36.79	23.08	16.05	9.18	1.32	0	0.28	2.8	23.43
1995	266.18	72.22	8.65	104.03	40.44	17.23	8.78	6.73	2.54	0	1.44	78.69	25.24
1996	663.25	61.47	55.48	33.63	78.14	48.52	33.02	11.1	4.69	180.24	45.43	45.42	93.1
1997	327.46	38.17	70.21	57.88	16.8	54.1	3.67	0.34	3.2	0.12	7.74	28.01	47.11
1998	182.85	63.79	25.1	62.19	14.97	5.31	0.8	0.69	0.86	0	0	3.39	6.75
1999	203.05	63.54	23.76	27.36	18.76	6.66	3.71	1.32	0	0	1.07	19.26	37.59
2000	329.27	27.25	54.2	13.7	61.51	34.96	41.52	36.9	12.11	17.59	8.71	13.65	27.18
2001	483.44	29.29	155.81	71.29	22.25	8.64	10.63	2.43	1.36	6.3	77.76	47.92	49.77
2002	253.47	34.33	67.28	43.48	49.84	31.77	13.79	2.07	0.13	0	0	0.58	10.19
2003	329.02	1.31	23.77	81.07	30.32	35.61	13.21	0.25	0.32	2.14	17.98	57.26	65.78
2004	237.62	13	17.7	109.17	6.71	44.47	0.22	1.7	2.78	0.13	0	2.51	28.23
	387.06	37.39	49.67	84.49	47.15	21.87	11.46	7.58	4.52	18.95	20.09	37.64	46.23	Average 1960 - 2004
	284.21	38.47	51.67	83.76	49.13	20.62	11.78	8.04	4.72	20.18	20.85	38.16	45.80	Average1974 - 2002
	360.99	47.89	53.53	61.57	39.76	20.23	12.17	9.50	5.60	20.60	21.23	37.47	34.42	Average 1988 - 2002

Baseflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1962	0.18	0.13	0.51	0.08	0.29	0.5	0.05	0.48	0.12	0.07	0.21	0.23	0.38	
1964	0.19	0.06	0.08	0.18	0.36	0.37	0.15	0.28	0.43		0.11	0.19	0.14	
1965	0.18	0.12	0.4	0.13	0.18	0.38	0.15	0.18	0.15		0.22	0.16	0.39	
1966	0.21	0.1	0.12	0.38	0.26	0.33	0.25	0.33	0.24	0.08	0.29	0.37	0.28	
1967	0.31	0.31	0.13	0.44	0.76	0.23	0.39	0.38	0	0	0.03	0.29	0.44	
1968	0.26	0.17	0.3	0.24	0.58	0.47	0.75	0.39	0			0	0.21	
1969	0.2	0.06	0.37	0.32	0.39	0.36	0.23	0.15				0.05	0.16	0.17
2000	0.15	0.18	0.06	0.55	0.17	0.21	0.1	0.07	0.1	0.05	0.24	0.22	0.2	
2001	0.2	0.27	0.11	0.31	0.48	0.41	0.32	0.78	0.88	0.16	0.12	0.24	0.17	
2002	0.26	0.3	0.26	0.35	0.21	0.26	0.25	0.03	0.08			0.08	0.1	
2003	0.11	0.08	0.11	0.07	0.18	0.13	0.04	0	0	0.05	0.04	0.13	0.16	
2004	0.11	0.27	0.17	0.13	0.24	0.07	0.05	0	0.02	0		0	0	
	0.21	0.19	0.21	0.27	0.35	0.34	0.25	0.22	0.16	0.08	0.15	0.17	0.24	Average 1960 - 2004
	0.22	0.19	0.22	0.29	0.37	0.37	0.28	0.26	0.18	0.09	0.16	0.19	0.27	Average1974 - 2002
	0.22	0.19	0.22	0.29	0.37	0.37	0.28	0.26	0.18	0.09	0.16	0.19	0.27	Average 1988 - 2002

Ri

Year	Year Ri	1	2	3	4	5	6	7	8	9	10	11	12	
1968	0.27	0.28	0.47	0.98	0.16	0.07	0.02	0	0	0	0.14	0.52	0.69	
1969	0.24	0.62	0.39	0.66	0.45	0.01	0.12	0.01	0	0.03	0.05	0.34	0.2	
1960	0.4	1.91	0.57	0.43	0.32	0.23	0.03	0.13	0.06	0.3	0.4	0.42	0.64	
1961	0.23	0.44	0.72	0.78	0.34	0.26	0.08	0.04	0.01	0	0	0.08	0.55	
1962	0.41	0.37	0.96	0.75	0.5	0.11	0.03	0.2	0.29	0.44	0.34	0.65	0.41	
1963	0.3	0.77	0.07	2.88	0.44	0.06	0.22	0.01	0.01	0.02	0.15	0.3	0.47	
1964	0.26	0.25	3.33	1.5	0.2	0.22	0.14	0.1	0.01	0	0	0.04	0.43	
1965	0.34	0.64	0.19	2.04	0.34	0.14	0.14	0.06	0.03	0	0.01	0.44	0.75	
1966	0.44	1	1.11	0.79	0.41	0.37	0.14	0.07	0.09	0.58	0.36	0.36	0.68	
1967	0.26	0.41	0.77	0.39	0.1	0.3	0.05	0	0.02	0	0.09	0.37	0.92	
1968	0.17	0.57	0.49	0.36	0.18	0.06	0.01	0.01	0.01	0	0	0.01	0.09	
1969	0.19	0.69	0.38	0.65	0.16	0.07	0.03	0.02	0	0	0.01	0.16	0.4	
2000	0.27	0.41	1.07	0.18	0.4	0.21	0.25	0.22	0.24	0.1	0.14	0.15	0.41	
2001	0.42	0.43	1.44	1.35	0.21	0.07	0.1	0.02	0	0.03	0.44	0.37	0.98	
2002	0.25	0.4	0.63	0.52	0.4	0.23	0.21	0.02	0.01	0	0	0.01	0.3	
2003	0.31	0.03	0.45	1.4	0.27	0.28	0.16	0	0.01	0.02	0.16	0.44	0.74	
2004	0.23	0.14	0.52	0.91	0.14	0.28	0	0.01	0.04	0	0	0.03	0.65	
	0.29	0.55	0.79	1.02	0.30	0.17	0.10	0.05	0.05	0.09	0.15	0.28	0.55	Average 1960 - 2004
	0.30	0.61	0.83	0.98	0.31	0.16	0.10	0.06	0.05	0.10	0.16	0.28	0.53	Average1974 - 2002
	0.30	0.61	0.83	0.98	0.31	0.16	0.10	0.06	0.05	0.10	0.16	0.28	0.53	Average 1988 - 2002

Varria Aste Greyed area derived from BRFG provisional streamflow data. Hydat data 1967 to 2002

Distributed Precipitation (mm)

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	645.68	74.21	68.9	33.33	69.54	84.37	67.89	22.41	39.83	22.19	52.92	81.81	27.26
1961	814.11	37.64	70.45	51.19	76.12	71.11	71.41	93.77	71.59	69	58.84	81.68	63.61
1962	785.56	88.47	33.6	14.27	57.42	50.64	86.82	36.62	58.67	72.1	159.11	51.19	65.05
1963	918.05	23.01	45.52	61.01	63.87	72.46	44.95	46.04	34.8	38.98	34.06	96.5	72.75
1964	1031.36	62.48	61.91	86.72	91.9	57.04	38.08	111.7	276.15	42.09	81.34	43.79	70.96
1965	972.75	104.83	68.1	49.58	76.39	62.21	25.82	77.21	84.76	87.31	125.52	105.07	105.97
1966	1034.36	58.07	59.26	95.15	72.51	61.88	103.57	34.95	114.89	90.75	58.87	138.3	136.16
1967	1036.27	45.95	35.56	32.63	87.81	67.65	139.61	55.14	106.69	84.23	118.58	136.52	92.9
1968	954.88	81.31	78.77	65.86	57.18	41.53	83.32	40.52	98.78	92.81	110.08	109.09	96.53
1969	905.47	112.47	39.24	54.46	101.6	108.72	66.01	96.85	17.42	33.03	92.12	111.84	71.71
1970	919	45.42	27.48	65.76	86.88	92.38	46.1	151.61	25.32	98.98	73.2	90.53	104.93
1971	799.98	68.32	101.46	64.19	38.06	35.11	48.08	75.15	113.24	68.29	33.11	65.68	109.29
1972	966.7	92.61	51.62	64.16	67.39	58.41	65.41	68.68	49.74	83.07	166.41	79.16	147.45
1973	915.9	51.32	52.16	138.16	52.05	113.53	88.82	28.86	51.75	37.34	81.25	144.75	75.91
1974	941.43	86.64	65.76	52.07	116.49	134.55	93.32	18.37	25.01	68.39	62.52	139.92	58.79
1975	1123.86	113.6	81.64	87.83	106.69	56.16	114.75	73.86	174.92	81.86	27.81	91.53	113.21
1976	1139.65	118.27	75.93	148.3	97.82	76.38	101.67	125.35	45.63	111.13	54.85	114.85	75.57
1977	902.72	36.52	63.01	61.94	57.77	9.37	75.37	41.78	151.06	145.29	60.59	127.65	71.78
1978	817.88	95.53	13.68	60.08	50.47	82.07	41.6	29.52	70.86	144.27	85.78	51.31	87.71
1979	958.32	62.66	23.21	81.15	122.02	60.77	43	92.64	34.5	20.28	184.58	146.03	76.48
1980	859.58	37.95	35.96	61.02	66.93	62.5	84.18	117.7	24.05	86.71	118.12	46.85	74.61
1981	989.61	31.01	86.22	58.91	67.05	79.93	76.4	47.44	126.9	133.39	147.95	73.09	50.32
1982	996.55	37.48	27.17	83.61	58.38	86.38	97.49	78.12	123.98	108	49.74	146.84	100.41
1983	941.75	47.76	66.62	42.67	92.05	143.5	60.43	44.82	122.14	107.66	63.26	92.26	108.38
1984	1007.51	42.85	53.18	81.42	49.39	92.24	84.17	50.11	135.31	117.4	53.72	141.22	107.3
1985	1129.94	103.7	147.95	99.08	62.49	85.84	71.84	79.26	168.23	94.54	110.25	123.72	83.26
1986	1129.71	36.43	32.05	46.08	68.82	71.72	119.46	84.4	144.53	314.36	104.31	37.87	71.97
1987	912.37	45.7	20.87	54.4	49.1	47.66	45.14	100.12	83.62	95.37	126.66	138.83	95.1
1988	1030.28	49.71	60.28	49.19	67.58	61.94	10.21	57.81	92.39	110.01	215.5	130.34	88.32
1989	869.16	58.06	40.07	33.65	53.55	118.43	59.23	12.91	77.14	101.72	82.82	152.27	78.31
1990	1224.94	61.36	56.65	54	72.57	102.35	80.21	143.93	80	142.18	160.21	123.13	148.45
1991	1031.5	58.49	63.71	113.35	113.11	71.31	33.01	113.17	84.12	66.58	134.25	87.9	84.5
1992	1158.62	98.65	40.2	51.19	139.39	67.8	71.14	154.12	99.14	136.96	70.42	147.13	80.51
1993	941.38	137.41	44.29	25.11	80.23	54.07	128.69	77.51	62.58	104.94	66.68	65.95	43.53
1994	858.42	100.35	15.76	50.67	104.94	76.53	117.02	74.93	49.36	58.37	81.06	75.72	51.71
1995	890.43	90.27	30.38	44.56	94.04	76	68.19	70.16	52.15	39.27	104.74	173.2	38.37
1996	1288.1	59.64	60.1	25.6	132.34	102.55	162.47	80.03	41.95	356.79	67.43	112.03	87.17
1997	951.98	98	91.88	73.8	38.47	122.7	52.35	99.75	107.6	75.02	122.06	66.5	27.65
1998	748.71	109.69	32.5	110.37	37.51	40.63	26.09	76.74	99	24.36	50.67	76.95	62.2
1999	762.2	115.42	53.99	10.58	58.36	68.83	53.3	47.96	53.73	86.75	67.18	75.34	65.86
2000	1203.1	53.76	64.55	46.22	73.47	143.17	189.65	245.44	30.99	171.82	30.91	57.3	104.82
2001	883.29	58.92	105.23	25.75	50.34	62.33	67.21	18.67	61.43	148.42	141.02	98	45.97
2002	822.98	63.08	42.08	54.74	88.91	113.1	63.15	87.3	15.9	60.08	54.5	90.77	47.47
2003	969.5	61.13	88.13	62.65	79.04	109.96	82.62	59.67	45.25	137.62	100.02	114.99	68.72
2004	943.28	119.76	28.88	94.41	85.21	156.97	63.1	123.4	42.61	37.58	70.57	75.24	68.27
	951.62	72.12	54.10	62.13	75.84	80.38	75.56	77.24	81.78	99.79	90.65	100.27	81.73	Average 1960 - 2004
	972.66	74.09	53.84	63.28	76.45	83.11	77.84	80.28	79.84	107.06	93.81	103.03	81.74	Average1967 - 2004
	973.64	73.18	54.68	62.99	77.38	80.34	78.21	79.77	80.88	108.14	93.23	103.48	81.36	Average 1967 - 2002

Distributed Snowfall cum

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12
1960	240.47	65.43	59.46	38.36	6.37	0	0	0	0	0	8.86	26.27	37.72
1961	173.28	60.91	11.6	18.28	17.57	1.52	0	0	0	0	0	23.86	38.54
1962	216.21	66.87	44.09	4.56	0	0	0	0	0	0	30.01	0	70.58
1963	252.71	47.29	63.58	15.01	0	0	0	0	0	0	0	18.15	108.68
1964	191.82	31.38	44.66	42.18	7.46	0	0	0	0	0	31.07	20.81	14.25
1965	217.44	88.2	44.06	39.67	18.56	0	0	0	0	0	0	11.14	15.91
1966	276.83	96.7	32.46	31.3	15.27	0	0	0	0	0	3.1	18.88	79.02
1967	223.98	50.55	50.53	39.22	0	0	0	0	0	0	0	66.76	16.93
1968	231.4	45.21	17.77	27.2	1.12	0	0	0	0	0	1.52	14.94	73.54
1969	320.68	118.33	50.67	35.23	0	0	0	0	0	0	9.05	58.06	49.34
1970	250.06	66.75	45.03	34.62	11.77	0	0	0	0	0	0	41.35	91.54
1971	280.66	113.59	52.18	50.54	4.58	0	0	0	0	0	0	27	32.76
1972	311.33	84.68	72.65	22.51	14.15	0	0	0	0	0	13.46	32.22	71.26
1973	175.93	29.65	45.22	21.6	0.99	0	0	0	0	0	0	27.83	50.64
1974	142.47	41.55	44.71	24.36	3.34	0.31	0	0	0	0	3.91	13.14	12.43
1975	234.5	45.18	47	38.1	30.09	0	0	0	0	0	0	8.32	64.8
1976	414.4	146.05	41.65	43.43	6.09	0.54	0	0	0	0	2.62	69.45	102.77
1977	276.85	80.87	44.16	19.54	9	0	0	0	0	0	0	37.69	81.8
1978	236.37	154.92	26.63	6.66	0.45	0	0	0	0	0	0	7.67	41.84
1979	177.04	96.54	19.64	14.82	16.19	0	0	0	0	0	1.15	12.53	16.2
1980	181.97	28.96	58.12	26.74	2.44	0	0	0	0	0	0.4	6.87	45.44
1981	203.48	46.48	34.75	35.5	0.11	0	0	0	0	0	9.25	6.35	52.05
1982	236.3	104.24	43.62	30.13	13.9	0	0	0	0	0	0.31	9.98	25.92
1983	212.68	41.08	11.66	18.87	5.95	0	0	0	0	0	0	23.57	111.55
1984	185.37	66.98	34.31	45.37	0.31	4.69	0	0	0	0	0	7.64	35.87
1985	362.18	145.09	99.71	22.58	11.81	0	0	0	0	0	0	5.87	67.34
1986	153.97	43.1	13.77	24	5.55	0	0	0	0	0	0	19.45	27.9
1987	177.52	52.82	18.88	17.64	6.5	0	0	0	0	0	4.21	44.61	32.57
1988	221.79	32.12	76.53	23.19	2.85	0	0	0	0	0	6.67	7.11	73.12
1989	264.74	27.8	55.91	8.91	13.62	4.68	0	0	0	0	0	47.41	106.11
1990	146.59	24.05	25.52	5.35	4.51	4.33	0	0	0	0	1.61	8.33	72.89
1991	238.26	75.26	69.63	9.76	1.98	0	0	0	0	0	0	17.4	64.22
1992	196.79	76.45	17.4	34.04	2.58	0	0	0	0	0	10.75	16.38	38.98
1993	146.24	41.8	72.51	27.52	4.08	0	0	0	0	0	0	11.35	28.97
1994	220.7	126.98	34.49	21.79	8.66	0	0	0	0	0	0	9.07	17.71
1995	249.46	58.33	82.11	10.41	8.74	0	0	0	0	0	0	40.51	49.36
1996	195.16	29.65	23.05	29.91	4.77	0	0	0	0	0	0	68.41	39.37
1997	225.48	101.03	15.99	19.87	2.53	0	0	0	0	0	38.9	26.99	21.16
1998	121.97	43.17	0	55.19	0	0	0	0	0	0	0	1.75	21.86
1999	216.87	146.82	8.23	36.12	0	0	0	0	0	0	0	8.07	17.63
2000	251.07	54.11	80.06	12.87	6.98	0	0	0	0	0	0	15.31	131.65
2001	138.24	60.51	23.35	22.07	5.07	0	0	0	0	0	0.63	0	26.61
2002	189.49	46.35	36.35	23.8	7.26	0	0	0	0	0	0.23	37.02	38.48
2003	244.98	101.17	51.65	36.64	7.63	0	0	0	0	0	7.27	9.4	30.82
2004	260.46	185.4	11.76	24.08	0.31	0	0	0	0	0	0	3.82	64.88
	228.07	74.07	41.06	26.50	6.40	0.37	0.00	0.00	0.00	0.00	3.60	22.86	53.62	Average 1960 - 2004
	228.80	75.49	40.73	26.40	5.92	0.40	0.00	0.00	0.00	0.00	2.92	23.40	53.34	Average1967 - 2004
	226.64	71.93	41.23	26.17	6.02	0.42	0.00	0.00	0.00	0.00	2.88	24.34	53.65	Average 1967 - 2002

Streamflow

Year	YrTotal	1	2	3	4	5	6	7	8	9	10	11	12

1978	0.27	0.72	0.66	0.2	0.18	0.49	0.5	0.71	0.57	0.1	0.22	0.4	0.44		
1979	0.29	0.38	0.65	0.26	0.34	0.58	0.49	0.26	0.65	0.88	0.21	0.19	0.26		
1980	0.31	0.62	0.91	0.13	0.42	0.48	0.5	0.3	0.31	0.39	0.3	0.75	0.18		
1981	0.25	0.77	0.07	0.41	0.46	0.28	0.53	0.41	0.37	0.17	0.22	0.41	0.53		
1982	0.36	0.41	0.93	0.16	0.37	0.68	0.38	0.71	0.34	0.15	0.7	0.2	0.24		
1983	0.39	0.67	0.32	0.58	0.47	0.32	0.42	0.23	0.19	0.1	0.54	0.42	0.36		
1984	0.27	0.96	0.14	0.32	0.53	0.49	0.33	0.52	0.4	0.25	0.57	0.2	0.23		
1985	0.3	0.33	0.07	0.27	0.3	0.55	0.29	0.29	0.15	0.26	0.21	0.3	0.56		
1986	0.25	0.3	0.76	0.17	0.6	0.31	0.36	0.32	0.11	0.1	0.31	0.53	0.44		
1987	0.28	0.56	0.96	0.23	0.37	0.7	0.52	0.13	0.35	0.42	0.16	0.13	0.28		
1988	0.26	0.31	0.39	0.18	0.53	0.46	0.54	0.65	0.48	0.4	0.15	0.29	0.22		
1989	0.32	0.34	0.43	0.19	0.42	0.68	0.38	0.62	0.53	0.61	0.66	0.17	0.6		
1990	0.26	0.15	0.37	0.27	0.5	0.25	0.53	0.11	0.45	0.21	0.19	0.23	0.39		
1991	0.29	0.62	0.26	0.23	0.34	0.46	0.55	0.14	0.26	0.77	0.22	0.19	0.25		
1992	0.28	0.37	0.27	0.23	0.26	0.38	0.32	0.18	0.24	0.28	0.31	0.2	0.38		
1993	0.26	0.17	0.7	0.11	0.31	0.66	0.15	0.58	0.77	0.16	0.25	0.51	0.42		
1994	0.27	0.24	0.18	0.18	0.37	0.51	0.4	0.23	0.52	0.32	0.24	0.28	0.33		
1995	0.25	0.2	0.82	0.16	0.29	0.42	0.2	0.53	0.34	0.79	0.4	0.19	0.42		
1996	0.27	0.13	0.27	0.51	0.31	0.27	0.41	0.51	0.7	0.06	0.31	0.36	0.32		
1997	0.3	0.23	0.16	0.38	0.65	0.28	0.53	0.34	0.19	0.41	0.31	0.31	0.53		
1998	0.34	0.22	0.34	0.32	0.4	0.53	0.65	0.78	0.7	0.97	0.72	0.6	0.52		
1999	0.33	0.14	0.33	0.43	0.52	0.43	0.5	0.41	0.53	0.63	0.52	0.29	0.27		
2000	0.22	0.23	0.08	0.54	0.34	0.15	0.13	0.15	0.23	0.19	0.67	0.22	0.34		
2001	0.28	0.54	0.12	0.3	0.38	0.51	0.51	0.58	0.41	0.08	0.19	0.45	0.32		
2002	0.33	0.38	0.26	0.39	0.34	0.37	0.42	0.16	0.42	0.79	0.6	0.4	0.25		
2003	0.3	0.63	0.36	0.18	0.45	0.39	0.53	0.46	0.26	0.13	0.27	0.3	0.39		
2004	0.29	0.63	0.49	0.18	0.56	0.24	0.44	0.52	0.49	0.46	0.32	0.32	0.01		
	0.28	0.41	0.42	0.26	0.40	0.44	0.44	0.42	0.42	0.41	0.39	0.32	0.36	Average 1960 - 2004	
	0.28	0.41	0.42	0.26	0.40	0.44	0.44	0.42	0.42	0.41	0.39	0.32	0.36	Average1967 - 2004	
	0.28	0.40	0.42	0.27	0.39	0.45	0.43	0.41	0.42	0.42	0.40	0.32	0.37	Average 1967 - 2002	

Runoff

Year	Year RF	1	2	3	4	5	6	7	8	9	10	11	12

1967	423.13	58.69	10.16	95.29	65.42	9.9	5.99	3.39	11.03	1.47	35.07	72.6	55.92		
1968	261.57	8.66	102.42	77.47	12.03	3.04	2.52	0.68	6.02	0.61	8.21	28.61	31.28		
1969	268.84	31.35	19.82	87.25	66.14	36.07	3.78	0.54	0.18	0.14	0.98	15.98	6.61		
1970	199.55	3.18	10.71	46.88	82.35	10.66	1.44	3.67	2.58	1.17	2.27	13.78	20.66		
1971	192.37	6.44	21.8	77.28	58.91	2.68	3.36	0.87	1.65	0.79	0.26	0.64	16.69		
1972	237.29	20.71	1.38	71.74	57.49	4.88	1.65	2.93	5.2	0.08	10.43	10.8	55.1		
1973	269.27	71.1	13.9	92.48	14.74	21.99	3.95	1.02	0.37	0.08	0.41	20.86	29.37		
1974	284.05	61.33	16.33	66.2	57.5	50.84	6.54	1.46	0.16	0.32	0.55	14.45	4.07		
1975	321.62	60.87	35.45	75.23	88.73	1.92	7.49	0.92	2.23	5.25	0.63	6.18	22.72		
1976	309.13	17.41	103.09	110.84	30.21	20.3	1.19	5.83	0.68	2.25	1.33	21.77	3.24		
1977	302.8	0.28	2.72	179.43	11.9	1.64	1.84	0.3	0.9	9.23	21.03	28.57	44.8		
1978	243.15	4.07	0.91	36.41	134.76	8.52	3.09	0.27	0.23	11.35	22.57	7.39	14.38		
1979	243.62	18.02	2.77	122.45	88.18	6.28	1.79	3.44	0.24	0.04	7.61	54.36	57.44		
1980	213.67	6.11	0.39	97.5	42.92	10.79	4.26	4.11	2.77	1.67	12.4	2.51	27.84		
1981	243.84	0.68	148.57	27.54	17.19	26.06	2.93	1.43	1.07	20.85	58.79	20.74	13.98		
1982	244.73	12.29	0.31	119.51	54.93	9.07	9.78	1.15	2.95	7.17	1.4	45.7	83.26		
1983	200.81	7.87	36.41	10.08	19.98	37.27	8.98	3.55	12.12	13.8	5.93	15.51	31.3		
1984	285.63	0.36	104.98	40.91	15.17	7.09	10.44	1.14	0.92	5.84	1.61	41.93	53.24		
1985	430.69	17.13	87.91	126.58	58.4	4.17	10.26	6.33	8.41	16.43	23.64	49.21	13.84		
1986	459.75	33.22	4	126.57	9.71	13.52	8.06	3.57	12.4	147.7	59.73	8.72	23.55		
1987	244.79	9.16	0.25	76.65	29.67	1.54	1.11	5.51	0.58	0.42	3.8	49.08	67.02		
1988	282.17	15.74	17.91	94.79	11.73	6.38	0.65	0.17	0.34	0.54	35.44	54.24	44.24		
1989	142.58	26.28	9.79	57.58	25.57	2.58	4.47	0.24	0.27	0.19	0.24	12.96	2.42		
1990	413.25	85.74	30.56	42.77	13.74	14.83	2.24	22.73	1.68	9.39	71.44	62.74	55.39		
1991	298.31	11.23	41.29	108.46	51.64	7.16	1.53	7.27	3.23	0.18	4.99	19.44	41.79		
1992	452.85	36.1	29.08	92.26	62.06	13.47	4.65	18.68	19.34	27.19	18.37	99.87	31.78		
1993	288.96	87.99	3.32	61.28	56.2	3.67	26.99	1.53	0.29	8.03	18.7	7.87	14.99		
1994	285.33	17.51	49.43	95.59	40.96	11.53	4.72	9.44	1.67	1.53	6.9	19.47	27.58		
1995	344.48	57.03	1.96	101.92	31.77	15.1	25.31	2.84	4.27	0.24	2.02	80.59	21.41		
1996	480.26	66.93	25.68	16.07	60.18	47.05	15.36	3.15	0.57	94.81	29.31	43.07	68.18		
1997	352.79	80.11	106.18	53.65	8.33	45.28	5.1	5.96	11.25	5.36	13.31	27.94	15.41		
1998	158.09	62.06	24	54.58	9.71	4.43	0.8	0.2	0.27	0.02	0.29	0.75	1.98		
1999	101.35	23.24	26.2	12.7	7.94	5.46	1.27	0.78	0.28	0.18	0.47	4.12	18.71		
2000	273.54	22.9	40.14	9.62	17.26	71.15	56.91	44.68	18.01	26.56	3.91	35.49	35.91		
2001	358.65	14.11	108.36	57.69	30.41	5.5	4.94	0.95	0.88	12.25	68.71	19.61	35.82		
2002	212.5	23.81	58.79	34.78	30.03	20.43	8.53	7.96	1.94	0.16	0.48	3.53	24.56		
2003	352.56	5.45	21.21	74.98	21.82	38.81	8.99	5.77	10.51	11.67	36.92	56.53	59.88		
2004	354.72	17.08	19.24	149.02	11.2	52.71	11.76	5.87	3.54	2.1	3.53	15.71	62.86		
	301.72	28.43	35.53	76.15	39.13	17.34	7.49	5.02	3.84	11.75	15.63	28.75	32.65	Average 1960 - 2004	
	301.72	28.43	35.53	76.15	39.13	17.34	7.49	5.02	3.84	11.75	15.63	28.75	32.65	Average1967 - 2004	
	298.83	29.38	36.38	74.16	40.39	16.76	7.33	4.97	3.67	12.03	15.38	28.34	31.05	Average 1967 - 2002	

Ri

Year	Year Ri	1	2	3	4	5	6	7	8	9	10	11	12

1967	0.42	1.23	0.29	2.92	0.75	0.15	0.04	0.06	0.1	0.02	0.3	0.53	0.6		
1968	0.29	0.11	1.3	1.17	0.21	0.07	0.03	0.02	0.06	0.01	0.07	0.26	0.32		
1969	0.3	0.28	0.51	1.6	0.65	0.33	0.06	0.01	0.01	0	0.01	0.14	0.09		
1970	0.22	0.07	0.39	0.71	0.95	0.12	0.03	0.03	0.07	0.01	0.03	0.15	0.2		
1971	0.24	0.09	0.21	1.75	1.57	0.08	0.07	0.01	0.01	0.01	0.01	0.01	0.15		
1972	0.24	0.22	0.02	1.11	0.65	0.08	0.03	0.04	0	0	0.06	0.14	0.37		
1973	0.29	1.28	0.27	0.67	0.28	0.19	0.04	0.04	0.01	0	0.01	0.14	0.37		
1974	0.3	0.71	0.25	1.06	0.49	0.42	0.07	0.04	0.01	0	0.01	0.11	0.07		
1975	0.29	0.54	0.43	0.66	0.82	0.11	0.07	0.01	0.01	0.06	0.02	0.07	0.29		
1976	0.29	0.15	1.43	0.84	0.31	0.27	0.01	0.05	0.01	0.02	0.02	0.19	0.04		
1977	0.34	0.01	0.04	2.9	0.21	0.18	0.02	0.01	0.01	0.06	0.35	0.22	0.62		
1978	0.3	0.04	0.07	0.58	2.67	0.1	0.07	0.01	0	0.08	0.28	0.14	0.15		
1979	0.36	0.29	0.12	1.51	0.57	0.1	0.04	0.04	0.01	0	0.04	0.37	0.75		
1980	0.25	0.14	0.01	1.6	0.45	0.17	0.05	0.03	0.12	0.02	0.11	0.05	0.27		
1981	0.34	0.02	1.72	0.46	0.26	0.36	0.04	0.02	0.01	0.16	0.4	0.26	0.28		
1982	0.35	0.21	0.01	1.88	0.97	0.07	0.1	0.01	0.02	0.07	0.04	0.31	0.83		
1983	0.21	0.16	1.39	0.24	0.22	0.26	0.16	0.08	0.1	0.13	0.08	0.17	0.29		
1984	0.28	0.01	1.96	0.49	0.31	0.08	0.12	0.02	0.01	0.05	0.03	0.3	0.51		
1985	0.35	0.17	0.66	1.28	0.92	0.05	0.14	0.08	0.05	0.17	0.21	0.39	0.17		
1986	0.4	0.91	0.12	2.75	0.15	0.19	0.07	0.04	0.09	0.47	0.57	0.23	0.33		
1987	0.27	0.2	0.01	1.41	0.4	0.03	0.02	0.06	0.01	0	0.03	0.35	0.7		
1988	0.28	0.32	0.3	1.93	0.17	0.1	0.06	0	0	0	0.16	0.42	0.5		
1989	0.16	0.45	0.24	1.71	0.48	0.03	0.08	0.02	0	0	0	0.09	0.03		
1990	0.34	1.4	0.54	0.79	0.19	0.14	0.03	0.16	0.02	0.07	0.45	0.51	0.17		
1991	0.3	0.19	0.66	0.98	0.46	0.1	0.01	0.07	0.04	0	0.04	0.22	0.65		
1992	0.39	0.37	0.72	1.8	0.45	0.2	0.07	0.12	0.2	0.2	0.26	0.68	0.39		
1993	0.31	0.64	0.07	2.44	0.69	0.07	0.21	0.02	0	0.06	0.28	0.12	0.34		
1994	0.33	0.17	2.88	1.89	0.38	0.15	0.04	0.13	0.03	0.03	0.09	0.26	0.53		
1995	0.39	0.57	0.07	2.29	0.34	0.2	0.37	0.04	0.08	0.01	0.02	0.47	0.56		
1996	0.37	1.12	0.58	0.63	0.45	0.46	0.09	0.04	0.01	0.27	0.43	0.36	0.78		
1997	0.37	0.61	1.16	0.73	0.02	0.34	0.1	0.09	0.1	0.07	0.1	0.42	0.41		
1998	0.21	0.57	0.74	0.49	0.23	0.11	0.03	0	0	0	0.01	0.01	0.03		
1999	0.13	0.2	0.49	0.38	0.13	0.08	0.02	0.02	0.01	0	0.01	0.06	0.28		
2000	0.31	0.43	0.74	0.21	0.23	0.5	0.3	0.18	0.08	0.15	0.12	0.62	0.26		
2001	0.41	0.24	1.03	2.25	0.61	0.09	0.07	0.05	0.01	0.08	0.49	0.2	0.79		
2002	0.26	0.38	0.68	0.64	0.34	0.18	0.14	0.09	0.12	0	0.01	0.04	0.61		
2003	0.36	0.09	0.44	1.76	0.28	0.35	0.11	0.1	0.23	0.08	0.37	0.49	0.67		
2004	0.38	0.14	0.67	1.58	0.28	0.34	0.19	0.05	0.08	0.06	0.05	0.21	0.71		
	0.31	0.39	0.61	1.32	0.53	0.18	0.09	0.05	0.06	0.06	0.15	0.26	0.43	Average 1960 - 2004	
	0.31	0.39	0.61	1.32	0.53	0.18	0.09	0.05	0.06	0.06	0.15	0.26	0.43	Average1967 - 2004	
	0.30	0.41	0.61	1.30	0.54	0.17	0.08	0.05	0.05	0.06	0.14	0.25	0.39	Average 1967 - 2002	

Station Name Note Cmpnd area derived from BRFU provisional dm-mydat data 1980 to 1995.

Distributed Precipitation (mm)

Year	Yr/Total	1	2	3	4	5	6	7	8	9	10	11	12

	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	Average 1960 - 2004	
	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	Average1967 - 2004	
	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	£300	Average 1967 - 1997	

Distributed Sewerfall (cm)

Year	Yr/Total	1	2	3	4	5	6	7	8	9	10	11	12

Runoff Year	Year RP 1	2	3	4	5	6	7	8	9	10	11	12	
1981													
1982													
1983													
1984													
1985													
1986													
1987													
1988													
1989													
1990													
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average 1982 - 2004
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average1982 - 2004
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average 1982 - 1997

Rainfall Year	Year RP 1	2	3	4	5	6	7	8	9	10	11	12	
1982													
1983													
1984													
1985													
1986													
1987													
1988													
1989													
1990													
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average 1982 - 2004
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average1982 - 2004
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average 1982 - 1997

Year	Year RP 1	2	3	4	5	6	7	8	9	10	11	12	
1982													
1983													
1984													
1985													
1986													
1987													
1988													
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1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average 1982 - 2004
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average1982 - 2004
	£90	£95	£90	£95	£95	£95	£95	£95	£95	£95	£95	£99	Average 1982 - 1997