

CRAIGFLOWER CREEK BELOW BURNSIDE ROAD, VICTORIA - STATION NO. 08HA034

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.007	0.005	0.005	0.005	0.112	0.807	---	1974
1975	1.52	0.910	0.414	0.165	0.063	0.011	0.029	0.041	0.027	0.112	---	---	---	1975
1976	---	---	0.765	0.420	0.058	0.069	0.008	0.068	0.058	0.007	---	---	---	1976
1977	0.587	0.409	---	0.209	0.044	0.092	0.002	0.005	0.002	0.018	---	---	---	1977
1978	1.33	0.642	0.223	0.143	0.034	0.008	0.007	0.010	0.009	0.007	0.590	1.51	0.219	1978
1979	0.306	1.16	0.810	0.135	0.027	0.009	0.006	0.006	0.007	0.007	0.008	1.68	0.343	1979
1980	1.11	0.666	0.570	0.160	0.036	0.051	---	---	0.014	0.008	---	---	---	1980
1981	0.463	1.22	0.261	0.218	0.135	0.076	0.011	0.002	0.008	0.024	0.553	1.42	0.360	1981
MEAN	0.886	0.835	0.507	0.207	0.057	0.045	0.010	0.020	0.016	0.024	0.259	1.12	0.307	MEAN

LOCATION - LAT 48 27 47 N DRAINAGE AREA, 13.5 km²
LONG 123 26 19 W NATURAL FLOW

CRAIGFLOWER CREEK BELOW BURNSIDE ROAD, VICTORIA - STATION NO. 08HA034

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m ³ /s)	MAXIMUM DAILY DISCHARGE (m ³ /s)	MINIMUM DAILY DISCHARGE (m ³ /s)	TOTAL DISCHARGE (dam ³)	YEAR
1974	---	2.32E ON DEC 21	0.004 ON SEP 28	---	1974
1975	---	2.53 ON NOV 15	0.001 ON JUN 14	---	1975
1976	---	---	0.005 ON JUN 28	---	1976
1977	---	3.51 ON MAR 10	0 ON JUN 15 *	---	1977
1978	---	2.45 ON JAN 15	0.005 ON OCT 08	6 890	1978
1979	---	7.87E ON DEC 14 *	0.005 ON JUL 12	10 800	1979
1980	---	---	---	---	1980
1981	---	4.56 ON FEB 17	0.002 ON AUG 04	11 400	1981
	E - ESTIMATED		* - EXTREME RECORDED FOR THE PERIOD OF RECORD	9 700	MEAN

COLQUITZ RIVER AT HYACINTH ROAD - STATION NO. 08HA037

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	2.10	0.810	0.460	0.102	---	---	0.068	0.057	0.058	0.090	0.125	---	1976
1977	0.172	0.127	0.752	0.064	---	---	---	---	0.007	0.011	0.321	1.07	---	1977
1978	0.957	0.926	0.494	0.259	0.097	0.057	0.035	0.041	0.049	0.033	0.093	0.189	0.266	1978
1979	0.133	0.989	0.506	0.129	0.057	0.021	0.023	0.018	0.030	0.024	0.017	1.54	0.288	1979
1980	1.02	0.709	0.484	0.122	0.062	0.095	0.035	0.035	0.064	0.030	0.930	2.50	0.508	1980
1981	0.908	1.30	0.322	0.372	0.169	0.136	0.049	0.034	---	---	---	---	---	1981
MEAN	0.638	1.03	0.561	0.236	0.097	0.077	0.036	0.039	0.041	0.031	0.290	1.08	0.354	MEAN

LOCATION - LAT 48 28 09 N
 LONG 123 24 08 W REGULATED

COLQUITZ RIVER AT HYACINTH ROAD - STATION NO. 08HA037

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m ³ /s)	MAXIMUM DAILY DISCHARGE (m ³ /s)	MINIMUM DAILY DISCHARGE (m ³ /s)	TOTAL DISCHARGE (dam ³)	YEAR
1976	---	---	---	---	1976
1977	---	2.77A ON MAR 09	0.005A ON SEP 11	---	1977
1978	2.25 AT 16:30 PST ON JAN 08	2.12 ON JAN 08	0.018 ON JUL 25	8 400	1978
1979	7.62 AT 20:35 PST ON DEC 14 *	6.42 ON DEC 14 *	0 ON MAY 23 *	9 080	1979
1980	6.49 AT 04:28 PST ON DEC 27	6.32 ON DEC 27	0.002 ON JUL 25	16 100	1980
1981	5.44 AT 04:11 PST ON FEB 17	5.09 ON FEB 17	0.007 ON AUG 24	---	1981
				11 200	MEAN

A - MANUAL GAUGE
 (SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLQUITZ RIVER AT VIOLET AVENUE - STATION NO. 08HA047

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	0.170	0.598	2.03	---	1981
1982	3.24	2.25	0.699	0.342	0.110	0.096	0.106	0.081	0.077	0.099	0.174	1.30	0.708	1982
1983	2.27	1.13	0.800	0.346	0.173	0.086	0.097	0.058	0.189	0.183	0.988	1.08	0.614	1983
1984	1.88	0.654	0.587	0.310	0.275	0.203	0.165	0.062	0.078	0.196	1.18	1.36	0.580	1984
1985	0.942	0.862	0.279	0.278	0.170	0.141	0.064	0.054	0.038	0.216	0.412	0.425	0.320	1985
1986	1.38	1.93	0.794	0.464	0.373	0.133	0.088	0.060	0.070	0.075	0.760	0.410	0.536	1986
1987	0.840	0.758	0.578	0.237	0.177	0.089	0.062	0.059	0.039	0.027	0.061	0.359	0.272	1987
1988	0.509	0.518	0.891	0.818	0.197	0.102	0.068	0.078	0.090	0.179	0.737	1.24	0.452	1988
1989	2.05	0.915	1.12	0.943	0.193	0.113	0.080	0.065	0.049	0.093	0.368	0.915	0.575	1989
1990	1.72	2.22	0.531	0.279	0.145	0.168	0.173	0.135	0.084	0.258	4.21	2.79	1.05	1990
MEAN	1.65	1.25	0.698	0.446	0.201	0.126	0.100	0.072	0.079	0.150	0.949	1.19	0.567	MEAN

LOCATION - LAT 48 28 03 N
 LONG 123 23 56 W REGULATED

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COLQUITZ RIVER AT VIOLET AVENUE - STATION NO. 08HA047

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m ³ /s)	MAXIMUM DAILY DISCHARGE (m ³ /s)	MINIMUM DAILY DISCHARGE (m ³ /s)	TOTAL DISCHARGE (dam ³)	YEAR
1981	---	---	---	---	1981
1982	11.6 AT 04:53 PST ON JAN 24	11.2 ON JAN 24	0.039 ON JUN 07	22 300	1982
1983	10.3 AT 23:05 PST ON JAN 09	9.44 ON JAN 10	0.042 ON AUG 02	19 400	1983
1984	6.02 AT 12:00 PST ON JAN 04	5.74 ON JAN 04	0.022 ON OCT 01	18 300	1984
1985	2.67 AT 15:13 PST ON NOV 01	2.16 ON FEB 11	0.027 ON SEP 20	10 100	1985
1986	10.1 AT 23:37 PST ON FEB 24	8.88 ON FEB 25	0.036 ON AUG 11	16 900	1986
1987	3.79 AT 04:32 PST ON FEB 01	3.38 ON FEB 01	0.019 ON OCT 28 *	8 570	1987
1988	3.90 AT 21:23 PST ON DEC 30	3.67 ON DEC 31	0.039 ON SEP 10	14 300	1988
1989	4.77 AT 21:07 PST ON JAN 18	4.44 ON JAN 18	0.029 ON SEP 29	18 100	1989
1990	17.1 AT 11:29 PST ON NOV 24 *	16.7 ON NOV 24 *	0.049 ON SEP 30	33 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		17 900	MEAN



NOBLE CREEK AT THE MOUTH - STATION NO. 08HA028

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0.108	0.024	0.012	0.008	0.007	0.012	---	---	---	---	1971
1972	---	---	---	0.078	0.033	0.012	0.012	0.008	0.019	---	---	---	---	1972
MEAN	---	---	---	0.093	0.029	0.012	0.010	0.008	0.016	---	---	---	---	MEAN

LOCATION - LAT 48 32 28 N
 LONG 123 21 47 W NATURAL FLOW

NOBLE CREEK AT THE MOUTH - STATION NO. 08HA028

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m ³ /s)	MAXIMUM DAILY DISCHARGE (m ³ /s)	MINIMUM DAILY DISCHARGE (m ³ /s)	TOTAL DISCHARGE (dam ³)	YEAR
1971	---	---	0.007 ON JUL 22 *	---	1971
1972	---	0.204 ON APR 01 *	0.007 ON JUN 07	---	1972
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

PELKY SPRING NEAR SAANICHTON - STATION NO. 08HA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	0	0	0	0	0	---	---	---	---	---	---	---	1949
MEAN	---	0	0	0	0	0	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 48 35 25 N
 LONG 123 23 15 W NATURAL FLOW

PELKY SPRING NEAR SAANICHTON - STATION NO. 08HA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m ³ /s)	MAXIMUM DAILY DISCHARGE (m ³ /s)	MINIMUM DAILY DISCHARGE (m ³ /s)	TOTAL DISCHARGE (dam ³)	YEAR
1949	---	---	0 ON JAN 09 *	---	1949
			* - EXTREME RECORDED FOR THE PERIOD OF RECORD	---	MEAN

TOD CREEK BELOW PROSPECT LAKE - STATION NO. 08HA054

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	0.131	0.034	0	0.001	0.002	0.001	---	---	---	---	1982
1983	---	---	---	0.151	0.033	0	0	0	0.003	---	---	---	---	1983
1984	---	---	---	0.107	0.050	0.022	0.003	0.004	0.013	---	---	---	---	1984
1985	---	---	---	0.050	0.023	0.006	0.002	0.011	0.007	---	---	---	---	1985
1986	---	---	---	0.103	0.099	0.018	0.004	0.002	0	---	---	---	---	1986
1987	---	---	---	0.077	0.031	0.001	0	0.002	0.001	---	---	---	---	1987
1988	---	---	---	0.326	0.036	0.001	0.001	0	0	---	---	---	---	1988
1989	---	---	---	-0.283	0.006	0.001	0.003	0.009	0	---	---	---	---	1989
1990	---	---	---	0.077	0.013	0.007	0.001	0.002	0.002	---	---	---	---	1990
MEAN	---	---	---	0.145	0.036	0.006	0.002	0.004	0.003	---	---	---	---	MEAN

LOCATION - LAT 48 31 29 N DRAINAGE AREA, 8.55 km²
 LONG 123 26 16 W NATURAL FLOW

TOD CREEK BELOW PROSPECT LAKE - STATION NO. 08HA054

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m ³ /s)	MAXIMUM DAILY DISCHARGE (m ³ /s)	MINIMUM DAILY DISCHARGE (m ³ /s)	TOTAL DISCHARGE (dam ³)	YEAR
1982	---	---	0 ON MAY 18 *	---	1982
1983	---	---	0 ON MAY 14	---	1983
1984	---	---	0 ON JUL 21	---	1984
1985	---	---	0 ON JUL 14	---	1985
1986	---	---	0 ON AUG 11	---	1986
1987	---	---	0 ON JUN 20	---	1987
1988	---	---	0 ON JUN 25	---	1988
1989	---	---	0 ON JUN 27	---	1989
1990	---	---	0 ON JUL 14	---	1990
			* - EXTREME RECORDED FOR THE PERIOD OF RECORD	---	MEAN

PROSPECT LAKE IN SAANICH - STATION NO. 08HA053

MONTHLY MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	MEAN	YEAR
1982				1.626	1.501	1.428	1.362	1.259	1.184					1982
1983				1.665	1.541	1.452	1.392	1.295	1.283					1983
1984				1.675	1.680	1.656	1.585	1.460	1.359					1984
1985				1.686	1.678	1.651	1.526	1.382	1.267					1985
1986				1.642	1.566	1.532	1.432	1.309	1.203					1986
1987				1.687	1.656	1.591	1.478	1.348	1.245					1987
1988				1.728	1.553	1.526	1.439	1.320	1.243					1988
1989				1.688	1.621	1.598	1.510	1.389	1.289					1989
1990				1.467	1.537	1.562	1.493	1.359	1.307					1990
MEAN				1.652	1.593	1.555	1.469	1.347	1.264					MEAN
MAXIMUM				1.728	1.680	1.656	1.585	1.460	1.359					MAXIMUM
MINIMUM				1.467	1.501	1.428	1.362	1.259	1.184					MINIMUM