

12471400 LIND COULEE WASTEWAY AT STATE ROUTE 17, NEAR WARDEN, WA
(National Water-Quality Assessment station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1991 to March 2001 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: April 1994 to September 1995. July 1997 to June 1998, January 1999 to March 2001 (discontinued).

INSTRUMENTATION.--Temperature recorder.

REMARKS.--Record excellent.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 24.5°C (rounded) July 24, 1994; minimum recorded, 1.0°C (rounded) Jan. 10, 1995.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 15.7°C Oct. 1; minimum recorded, 3.2°C Dec. 12, but may have been lower during period of missing record.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO MARCH 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	15.7	14.1	14.8	9.5	8.1	8.9	7.9	7.2	7.6	7.8	7.5	7.6
2	14.1	12.3	13.3	9.6	8.4	8.9	7.9	7.2	7.5	---	---	---
3	13.4	11.7	12.6	9.5	8.1	8.8	8.1	7.6	7.9	---	---	---
4	13.1	11.0	12.2	9.3	8.4	8.9	7.9	7.5	7.7	---	---	---
5	12.4	10.7	11.8	10.1	8.6	9.3	8.1	7.8	8.0	---	---	---
6	12.0	9.9	11.1	10.3	9.0	9.7	7.9	7.6	7.8	7.2	5.6	6.4
7	12.4	10.4	11.5	9.8	8.6	9.3	7.6	7.5	7.5	5.9	4.7	5.3
8	12.6	10.7	11.8	9.6	8.9	9.3	7.6	7.3	7.5	6.5	5.3	5.9
9	12.1	11.3	11.8	8.9	7.8	8.6	7.8	7.2	7.4	6.5	6.1	6.3
10	12.6	12.0	12.2	7.8	6.4	7.0	7.2	5.3	6.7	7.2	6.1	6.6
11	14.0	12.6	13.1	7.0	5.6	6.4	5.3	4.0	4.4	7.5	6.5	7.0
12	13.4	12.7	13.1	8.4	7.0	7.7	4.2	3.2	3.8	8.2	7.3	7.8
13	13.7	12.1	12.9	8.1	7.2	7.7	4.8	4.0	4.3	8.1	7.6	7.9
14	13.1	11.8	12.5	7.8	6.8	7.2	4.7	4.0	4.3	7.6	6.7	7.2
15	12.1	10.4	11.3	7.3	5.9	6.6	5.0	4.2	4.4	6.7	5.6	6.2
16	12.3	11.3	11.8	7.0	5.9	6.4	5.1	4.0	4.5	5.9	5.3	5.6
17	13.1	11.7	12.4	7.5	6.4	7.0	5.9	4.7	5.3	6.1	5.6	5.8
18	13.4	12.4	12.9	8.4	7.3	7.7	5.4	4.3	5.0	7.0	5.9	6.5
19	12.9	11.2	12.0	7.3	6.2	6.8	6.1	5.0	5.5	7.2	6.2	6.8
20	12.4	12.1	12.2	7.5	6.2	6.8	5.3	4.2	4.7	7.6	6.5	7.0
21	12.1	10.9	11.4	6.8	5.9	6.5	5.8	5.3	5.5	7.5	6.5	7.1
22	10.9	9.3	10.1	7.3	6.8	7.1	6.9	5.6	6.3	7.8	7.0	7.3
23	10.7	9.2	10.0	7.3	6.5	6.8	7.8	6.9	7.4	7.2	5.8	6.2
24	11.0	9.0	9.9	7.5	6.7	7.2	7.8	7.3	7.5	7.2	5.9	6.5
25	10.9	9.5	10.3	7.6	7.0	7.4	7.8	7.2	7.5	7.8	6.7	7.2
26	10.6	9.8	10.2	7.9	7.0	7.5	7.8	7.3	7.6	7.2	5.8	6.4
27	11.5	10.1	10.7	8.2	6.8	7.8	7.5	6.8	7.2	6.2	5.6	5.9
28	11.5	10.6	11.1	6.8	5.6	6.0	7.5	6.8	7.2	6.4	5.9	6.1
29	10.6	9.6	10.2	7.2	5.8	6.6	7.5	6.8	7.2	7.3	5.9	6.4
30	10.3	9.0	9.6	7.8	6.8	7.4	7.9	7.2	7.5	6.2	5.4	5.8
31	9.8	8.7	9.2	---	---	---	7.8	7.5	7.6	8.2	6.1	7.1
MONTH	15.7	8.7	11.6	10.3	5.6	7.6	8.1	3.2	6.5	8.2	4.7	6.6

CRAB CREEK BASIN

12471400 LIND COULEE WASTEWAY AT STATE ROUTE 17, NEAR WARDEN, WA--Continued
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO MARCH 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH		
1	7.5	6.4	7.0	8.1	6.5	7.5
2	8.6	6.8	7.6	9.9	7.0	8.4
3	7.6	6.4	7.0	9.0	6.4	7.8
4	7.2	5.9	6.5	9.0	6.8	8.1
5	7.3	5.4	6.5	11.7	7.9	9.6
6	7.3	5.0	6.5	12.3	8.2	10.2
7	5.4	3.4	4.5	12.6	8.6	10.5
8	6.4	4.7	5.5	10.9	9.5	10.1
9	6.5	5.6	6.1	12.0	9.0	10.2
10	6.8	5.6	6.2	11.5	7.9	9.8
11	8.6	6.4	7.3	11.2	7.9	9.5
12	7.5	5.4	6.5	11.5	8.4	10.0
13	8.4	6.2	7.2	12.6	9.5	10.6
14	8.6	6.8	7.7	12.0	7.8	9.7
15	7.9	6.5	7.2	9.8	8.6	9.2
16	6.5	4.5	5.3	11.2	7.8	9.5
17	7.2	5.1	6.1	11.2	8.6	9.9
18	9.2	6.4	7.6	11.2	9.6	10.4
19	8.7	6.4	7.5	12.7	9.6	11.0
20	8.6	6.8	7.7	---	---	---
21	9.2	7.6	8.4	---	---	---
22	8.6	7.9	8.3	---	---	---
23	10.1	8.1	8.9	---	---	---
24	9.9	7.3	8.6	---	---	---
25	9.6	6.5	8.0	---	---	---
26	9.0	5.9	7.4	---	---	---
27	9.0	5.6	7.3	---	---	---
28	9.2	5.8	7.5	---	---	---
29	---	---	---	---	---	---
30	---	---	---	---	---	---
31	---	---	---	---	---	---
MONTH	10.1	3.4	7.1	12.7	6.4	9.6
YEAR	15.7	3.2	8.1			

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (MG/L) (00301)	PH WATER WHOLE FIELD (STAND-ARD WATER UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE (DEG C) (00010)	HARD-NESS TOTAL (MG/L CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	
OCT 04...	1240	209	738	11.3	108	8.4	378	12.0	140	32.9	13.2	3.50	1.0	
NOV 01...	1150	157	739	12.1	108	8.6	423	8.9	150	35.8	14.1	3.67	1	
DEC 04...	1130	87	746	13.1	112	8.5	588	7.7	200	46.7	19.4	5.40	1	
JAN 02...	1040	70	747	11.4	97	8.4	605	7.5	190	44.1	19.6	6.12	2	
FEB 05...	1110	74	739	11.0		8.2	--	6.0	180	43.2	16.9	7.24	1	
DATE		SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	CAR-BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)
OCT 04...	26.0	29	139	165	2	7.5	.4	26.9	31.8	.32	134	237	237	
NOV 01...	31.3	31	148	170	5	9.1	.5	29.2	38.4	.35	110	259	265	
DEC 04...	47.4	34	198	224	8	14.2	.7	41.8	62.4	.51	87.4	372	378	
JAN 02...	47.6	34	198	236	4	15.7	.7	41.2	65.2	.54	74.5	394	383	
FEB 05...	42.8	33	178	217	.0	14.2	.6	35.1	60.8	.51	74.3	372	348	

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT 04...	<.041	.17	.20	2.52	.006	2.7	.038	.029	.053	10	7.1	4	2.3
NOV 01...	<.041	.16	.20	3.15	.006	3.3	.040	.032	.053	10	13.4	4	1.7
DEC 04...	<.041	.20	.24	4.83	.014	5.1	.059	.049	.063	10	18.4	<.5	--
JAN 02...	<.041	.16	.20	5.15	.028	5.3	.061	.045	.069	<10	28.6	4	.76
FEB 05...	.162	.65	1.1	4.40	.032	5.5	.150	.146	.269	10	29.0	72	14