12464770 CRAB CREEK AT ROCKY FORD ROAD, NEAR RITZVILLE, WA
(National Water-Quality Assessment station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1992 to September 1995, June 1997 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1993 to September 1994. February to September 2002.
WATER TEMPERATURE: October 1993 to September 1995. July 1997 to current year.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Temperature record excellent. Specific conductance record excellent except Mar. 24-26, which is good, Mar. 27-29, fair, and Mar. 30-31 is poor. In June 1997, station became a Central Columbia Plateau National Water-Quality Assessment Program (NAWQA) surface-water quality trend site.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 387 microsiemens Feb. 17, 18, 2002, but may have been higher during periods of missing record; minimum recorded, 140 microsiemens Feb. 9, 2002.
WATER TEMPERATURE: Maximum recorded, 20.5°C (rounded) July 24, 25, 1994; May 24, 1999; minimum, 0.0 (rounded) Jan. 9, 10, 1995.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 387 microsiemens Feb. 17, 18, but may have been higher during periods of missing record; minimum recorded, 140 microsiemens Feb. 9.
WATER TEMPERATURE: Maximum, 18.6°C July 11, 12; minimum recorded, 2.2°C on Mar. 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), FEBRUARY 2002 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	334	313	325	377	364	370	379	347	365
2	---	---	---	344	334	339	372	364	368	378	346	365
3	---	---	---	355	344	350	371	364	368	378	347	364
4	---	---	---	372	355	370	372	364	369	377	354	367
5	---	---	---	373	369	371	373	365	369	377	352	365
6	---	---	---	371	366	368	374	364	370	376	351	366
7	380	356	375	368	365	366	374	365	370	377	351	365
8	356	180	274	368	349	361	374	361	369	376	348	364
9	281	140	193	370	367	368	372	363	368	376	346	363
10	311	192	286	370	368	369	368	359	364	375	345	362
11	374	311	348	371	369	370	370	361	365	376	342	361
12	381	362	371	372	367	369	370	358	365	377	341	360
13	378	368	374	370	366	368	370	360	366	377	345	362
14	383	377	380	371	367	369	371	361	367	376	344	362
15	385	381	382	372	367	370	373	361	368	377	348	364
16	386	382	384	372	366	369	373	362	368	376	345	363
17	387	384	385	371	364	367	372	361	367	377	347	365
18	387	384	385	370	362	366	373	361	368	377	350	366
19	386	381	383	367	362	365	374	359	368	379	347	365
20	383	329	372	369	361	365	376	358	368	379	359	371
21	329	262	277	365	359	361	377	356	369	378	354	368
22	278	230	258	367	360	362	377	356	368	379	358	370
23	294	208	259	368	361	365	376	356	368	376	351	365
24	242	179	202	371	366	368	376	355	367	378	353	367
25	275	233	260	374	367	371	378	353	367	379	354	368
26	283	270	277	371	364	367	378	353	367	380	352	367
27	304	277	298	374	368	371	375	351	365	378	351	366
28	313	294	305	378	373	375	374	349	364	380	354	368
29	---	---	---	378	371	375	377	348	365	380	360	371
30	---	---	---	378	369	373	379	348	366	379	353	368
31	---	---	---	377	365	371	---	---	---	380	355	368
MONTH	---	---	---	378	313	365	379	348	367	380	341	366

12464770 CRAB CREEK AT ROCKY FORD ROAD, NEAR RITZVILLE, WA--Continued
(National Water-Quality Assessment station)

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	380	355	368	374	364	370	372	354	364	377	360	370
2	378	358	368	374	363	369	371	353	364	375	362	370
3	380	357	369	375	362	369	371	357	364	376	361	370
4	378	358	369	373	359	368	373	359	367	374	361	368
5	379	357	368	374	362	369	374	358	367	375	361	370
6	377	358	368	374	362	369	374	358	367	374	363	370
7	375	358	367	374	363	370	373	359	367	375	362	370
8	375	362	369	375	363	370	374	358	368	375	362	370
9	376	363	370	---	358	---	375	360	369	376	363	371
10	376	358	368	371	359	366	376	360	370	376	364	371
11	376	359	369	371	353	364	375	359	369	377	363	371
12	376	361	369	368	355	363	375	360	369	377	364	371
13	376	359	369	368	355	362	376	361	370	377	364	372
14	375	359	368	369	357	364	376	360	370	377	364	371
15	375	359	369	371	356	364	375	360	369	377	363	371
16	375	361	369	370	354	363	375	359	369	377	366	372
17	375	361	370	371	353	363	374	351	361	377	368	373
18	375	365	371	371	355	364	371	350	358	375	365	371
19	376	361	369	372	349	362	374	358	368	377	366	372
20	375	361	369	374	355	363	375	347	364	377	366	373
21	375	361	369	372	356	365	375	359	369	376	365	372
22	375	359	368	372	354	364	375	362	369	376	360	371
23	376	365	371	372	357	366	376	360	369	376	360	371
24	376	361	369	374	355	366	376	359	369	376	366	372
25	376	361	369	374	355	366	375	359	369	377	366	373
26	376	361	370	374	353	365	375	360	369	377	368	373
27	377	361	370	371	354	363	376	361	370	378	368	374
28	377	365	371	372	354	363	376	361	370	377	368	374
29	374	362	369	371	354	364	376	361	370	378	368	374
30	376	364	370	372	354	364	376	361	370	377	358	372
31	---	---	---	373	355	365	375	362	370	---	---	---
MONTH	380	355	369	---	349	---	376	347	368	378	358	371

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13.4	9.6	11.5	10.1	8.4	9.3	8.4	7.5	7.9	7.7	6.6	6.9
2	12.9	9.5	11.3	11.0	9.0	9.9	8.0	7.2	7.6	8.1	7.0	7.5
3	12.8	9.0	10.9	10.6	8.4	9.5	8.4	7.5	7.9	8.3	8.1	8.2
4	11.8	8.7	10.3	10.3	8.1	9.3	7.6	6.9	7.3	8.4	8.0	8.2
5	11.7	8.3	9.9	10.6	8.9	9.8	8.0	7.2	7.5	8.4	7.8	8.1
6	11.2	8.1	9.8	8.9	7.6	8.2	8.0	7.2	7.5	8.7	3.6	7.6
7	10.3	8.3	9.5	8.7	6.9	7.8	7.8	6.6	7.3	8.6	3.8	7.0
8	11.4	9.3	10.2	8.7	6.9	7.8	8.7	7.6	8.3	8.7	7.8	8.4
9	10.7	7.8	9.3	8.7	6.9	7.9	8.7	7.8	8.2	7.8	6.6	7.2
10	9.5	8.0	8.8	9.0	6.9	7.9	8.3	7.6	8.0	7.6	6.4	7.0
11	11.5	8.9	10	9.0	7.2	8.3	8.9	8.1	8.4	7.6	6.9	7.3
12	10.6	9.2	9.9	9.8	8.3	9.1	8.6	7.8	8.1	7.8	6.9	7.4
13	11.2	8.9	10.1	10.0	8.9	9.5	9.0	7.8	8.4	7.2	5.9	6.6
14	12.3	10.1	11.0	10.6	10.0	10.3	8.9	7.2	7.7	6.9	6.2	6.6
15	11.0	8.4	9.8	10.6	9.6	10.2	7.6	6.6	7.1	6.4	5.2	5.8
16	11.4	9.3	10.3	10.6	10.3	10.4	8.6	7.5	8.0	6.1	5.2	5.7
17	10.4	8.6	9.5	10.4	8.9	10.0	8.6	6.9	7.5	6.4	5.2	5.8
18	10.3	8.4	9.4	9.2	8.1	8.6	7.3	6.6	6.9	6.2	4.7	5.5
19	11.4	9.3	10.1	9.5	8.1	8.8	7.6	7.0	7.2	6.9	5.9	6.3
20	10.7	8.6	9.7	10.0	8.9	9.5	7.8	6.6	7.1	7.0	5.8	6.3
21	9.8	8.7	9.3	10.0	9.2	9.6	8.4	7.8	8.1	6.6	5.5	6.0
22	10.0	8.7	9.4	10.0	9.3	9.6	8.4	7.2	7.9	6.1	5.0	5.6
23	9.6	7.8	8.6	9.4	8.2	8.9	7.3	6.6	7.0	5.6	4.4	5.2
24	8.9	7.3	8.2	8.2	7.3	7.6	7.2	6.4	6.8	6.9	5.5	6.2
25	10.9	8.7	9.6	8.4	7.6	8.0	6.6	5.9	6.4	7.5	6.2	6.9
26	10.9	8.7	9.9	8.7	8.0	8.5	6.7	5.8	6.2	6.9	5.5	6.1
27	10.3	9.3	9.8	8.3	7.4	7.8	6.6	5.8	6.2	6.1	4.8	5.4
28	10.3	8.4	9.3	7.4	6.1	6.7	7.8	6.4	7.0	5.6	4.2	4.9
29	9.8	8.4	9.2	8.3	6.9	7.5	7.5	6.4	6.9	5.5	3.9	4.8
30	10.3	9.6	10	7.6	7.0	7.3	7.8	6.1	6.9	6.1	5.0	5.5
31	10.4	9.3	9.9	---	---	---	8.1	7.3	7.7	6.1	5.6	5.9
MONTH	13.4	7.3	9.8	11.0	6.1	8.8	9.0	5.8	7.5	8.7	3.6	6.5

12464770 CRAB CREEK AT ROCKY FORD ROAD, NEAR RITZVILLE, WA--Continued
(National Water-Quality Assessment station)

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	6.9	5.6	6.2	6.9	3.4	5.1	11.1	7.1	8.9	15.4	9.1	12.2
2	6.6	4.8	5.8	6.9	3.2	4.9	10.9	6.0	8.4	14.2	9.6	12.0
3	5.9	4.7	5.3	7.9	3.7	5.6	12.0	5.5	8.6	13.5	8.2	10.9
4	6.7	5.0	5.8	7.2	4.9	6.1	12.9	6.2	9.3	11.6	8.1	9.0
5	6.7	4.8	5.8	8.0	4.9	6.4	11.3	7.4	9.5	11.1	7.1	9.0
6	6.7	5.2	5.9	7.1	4.8	5.5	12.5	8.2	10.2	10.6	6.5	8.7
7	6.8	5.9	6.3	6.8	3.6	5.0	12.9	7.6	10.1	10.5	7.0	8.9
8	5.9	3.7	4.6	6.9	3.7	5.2	12.7	6.8	9.7	11.9	6.6	9.3
9	5.9	2.9	4.2	6.5	4.2	5.4	10.7	8.0	9.2	12.7	7.2	10
10	6.7	4.2	5.3	7.7	4.7	6.1	12.6	7.6	9.8	13.9	7.6	10.8
11	6.6	4.4	5.4	8.6	6.1	7.2	11.8	8.4	10.1	15.0	8.3	11.7
12	6.5	3.6	5.0	8.6	5.8	7.2	12.5	8.9	10.6	15.3	9.2	12.4
13	6.2	4.0	5.1	8.9	5.7	7.2	13.6	9.5	11.5	14.1	10.2	12.3
14	6.7	3.8	5.1	8.9	5.0	6.9	12.4	9.9	11.1	13.6	8.9	11.4
15	6.8	4.0	5.4	8.6	5.5	7.0	11.6	7.3	9.5	13.5	8.8	11.3
16	7.5	4.3	5.8	7.7	5.4	6.6	9.8	7.1	8.3	14.9	8.7	11.9
17	8.0	5.2	6.5	7.7	4.7	6.2	11.1	6.1	8.4	14.4	10.3	12.5
18	8.3	5.6	7.0	6.4	5.0	5.7	11.9	7.2	9.5	13.8	10.2	12.1
19	8.2	6.4	7.2	7.7	4.5	5.9	13.9	7.5	10.5	16.2	11.0	13.7
20	7.1	5.0	6.1	7.4	4.6	5.8	14.0	7.7	10.9	14.8	11.3	12.3
21	7.2	4.4	5.6	6.0	2.2	4.0	14.3	9.1	11.6	12.5	10.2	11.4
22	8.4	6.7	7.5	8.1	3.5	5.6	12.7	8.4	10.6	11.3	9.5	10.2
23	8.3	6.8	7.5	9.4	5.4	7.2	11.3	6.4	8.9	13.6	9.1	11.3
24	7.5	5.9	6.7	8.5	6.8	7.7	12.7	5.8	9.2	15.0	9.5	12.4
25	6.5	3.6	5.0	11.2	7.6	9.0	13.3	8.2	10.7	14.3	10.7	12.6
26	5.1	3.3	4.1	9.8	6.9	8.4	11.9	8.6	10.3	15.6	11.4	13.7
27	4.9	2.3	3.7	9.6	5.6	7.6	12.8	8.6	10.6	16.3	11.5	14.1
28	6.7	3.0	4.7	10.2	5.9	7.8	14.4	8.0	10.9	16.0	12.8	14.6
29	---	---	---	10.7	5.6	8.0	15.1	8.3	11.6	14.6	12.3	13.5
30	---	---	---	12.0	6.4	9.0	14.7	9.5	12.1	16.4	10.9	13.6
31	---	---	---	10.4	7.3	8.9	---	---	---	15.8	10.9	13.6
MONTH	8.4	2.3	5.7	12.0	2.2	6.6	15.1	5.5	10.0	16.4	6.5	11.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	14.1	11.4	12.8	16.0	11.1	13.5	16.1	11.0	13.6	14.9	12.2	13.6
2	14.9	10.5	12.8	16.4	10.7	13.6	15.7	11.2	13.6	15.4	10.6	13.1
3	15.4	10.6	13.2	14.9	11.8	13.4	15.8	10.6	13.3	13.8	11.8	12.8
4	15.7	11.5	13.7	15.5	10.6	13.0	13.9	11.4	12.3	13.0	9.3	11.4
5	16.2	12.4	14.0	16.1	10.7	13.4	14.2	10.0	12.2	13.5	10.1	11.9
6	14.1	10.9	12.4	17.1	11.6	14.2	13.6	10.4	12.0	13.0	9.3	11.4
7	12.1	9.3	10.8	17.2	11.9	14.5	14.1	9.9	12.2	13.8	9.4	11.6
8	10.6	9.0	10.0	16.6	13.3	14.9	15.3	10.1	12.8	13.4	9.0	11.4
9	12.1	9.7	10.9	17.2	---	---	16.1	11.0	13.6	14.7	10.2	12.4
10	14.4	10.5	12.2	18.3	12.4	15.3	16.5	11.6	14.1	15.0	10.1	12.6
11	15.9	11.1	13.3	18.6	13.0	15.8	15.9	11.4	13.7	14.9	10.0	12.6
12	15.6	11.7	13.8	18.6	13.1	15.9	16.4	10.9	13.7	15.1	10.2	12.7
13	17.3	12.0	14.6	18.4	13.6	16.0	17.1	11.9	14.5	14.8	10.1	12.6
14	17.5	12.4	15.0	18.1	14.3	16.2	17.0	12.2	14.7	14.3	9.9	12.4
15	17.8	12.7	15.2	17.3	12.3	14.9	16.6	11.6	14.2	13.7	10.5	12.2
16	16.7	12.8	14.7	17.1	12.0	14.6	15.8	11.4	13.7	12.8	10.9	11.9
17	14.6	11.7	13.0	17.4	12.5	15.0	15.4	10.3	13.0	13.0	11.1	11.9
18	14.3	11.8	12.9	17.5	12.6	15.1	15.8	10.8	13.4	13.6	9.2	11.4
19	16.1	10.4	13.2	17.0	12.7	14.9	15.1	10.6	13.0	14.1	9.4	11.9
20	16.8	11.2	14.0	16.9	12.0	14.6	15.9	11.3	13.6	13.5	9.8	11.7
21	16.6	11.8	14.2	17.1	12.0	14.6	15.3	11.8	13.6	12.8	8.5	10.7
22	17.3	12.0	14.6	17.6	12.4	15.1	14.9	11.9	13.3	13.1	8.1	10.7
23	15.1	12.7	13.8	15.9	13.0	14.6	16.2	11.3	13.8	13.5	8.6	11.1
24	16.7	11.7	14.2	17.5	12.5	15.0	15.2	11.3	13.4	13.2	8.9	11.1
25	17.7	11.9	14.7	16.8	13.0	14.9	15.1	11.2	13.2	13.5	9.4	11.4
26	18.5	12.5	15.5	16.7	12.6	14.8	15.8	11.5	13.8	11.2	8.8	10.3
27	17.8	13.9	15.7	16.8	12.6	14.7	16.5	11.9	14.3	13.8	10.1	11.7
28	15.9	13.3	14.5	16.6	12.2	14.6	16.6	11.9	14.3	13.2	8.8	11.1
29	16.8	12.6	14.5	16.8	12.3	14.6	16.1	11.8	14.1	11.8	10.1	11.0
30	15.9	11.6	13.7	16.7	12.1	14.5	16.0	11.8	13.9	11.8	8.6	10.3
31	---	---	---	15.9	11.4	13.8	15.4	10.6	13.1	---	---	---
MONTH	18.5	9.0	13.6	18.6	10.6	14.7	17.1	9.9	13.5	15.4	8.1	11.8
YEAR	18.6	2.2	10.0									

12464770 CRAB CREEK AT ROCKY FORD ROAD, NEAR RITZVILLE, WA--Continued
(National Water-Quality Assessment station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	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)
OCT													
02...	1110	9.7	721	11.5	110	8.1	396	12.9	10.8	152	187	0	15.0
NOV													
06...	0940	12	717	10.0	89	7.9	404	3.3	7.7	150	183	0	14.7
DEC													
11...	1030	22	714	11.2	102	8.1	403	.8	8.5	148	179	0	11.8
JAN													
03...	1050	34	721	10.6	95	8.0	400	2.9	8.2	151	184	0	14.6
FEB													
06...	1040	52	716	11.5	97	8.1	374	.0	5.5	148	180	0	11.1
MAR													
05...	1230	70	712	11.8	103	8.4	365	4.7	6.4	149	179	1	11.3
APR													
01...	1210	70	720	12.3	112	8.6	371	11.1	8.7	148	175	3	10.6
MAY													
07...	1020	48	718	13.4	119	8.6	372	3.3	7.6	148	176	2	11.2
JUN													
03...	1030	27	721	12.6	125	8.5	376	17.1	12.5	146	175	2	11.8
JUL													
09...	1020	22	728	11.7	116	8.3	376	26.1	13.0	149	179	0	12.0
AUG													
05...	1110	16	721	10.9	106	8.3	385	19.0	11.5	152	182	0	12.5
SEP													
04...	1110	--	719	11.4	113	8.4	371	--	12.2	--	--	--	--
09...	0930	11	725	11.1	105	8.0	384	21.1	10.8	147	178	0	13.2

Date	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	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,PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, INOR-GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)
OCT													
02...	22.3	<.04	.22	.84	.019	.04	1.1	.07	.102	.4	--	2.0	--
NOV													
06...	22.1	<.04	.16	.97	.011	.09	1.1	.09	.098	.5	<.1	2.1	.5
DEC													
11...	13.7	<.04	.37	2.57	.009	.06	2.9	.13	.177	.5	<.1	3.2	.5
JAN													
03...	24.8	E.04	.23	1.58	<.008	.04	1.8	.11	.112	.2	<.1	1.7	.2
FEB													
06...	22.0	<.04	.22	1.98	<.008	.06	2.2	.09	.107	.6	<.1	2.2	.6
MAR													
05...	21.7	<.04	.29	2.10	<.008	.03	2.4	.07	.105	.5	<.1	2.8	.5
APR													
01...	21.8	<.04	.29	1.68	E.004	.04	2.0	.06	.079	.4	<.1	3.4	.4
MAY													
07...	21.6	<.04	.22	1.17	E.005	.03	1.4	.04	.051	.4	<.1	2.7	.4
JUN													
03...	21.3	<.04	.22	.96	.008	.09	1.2	.08	.096	.6	<.1	2.4	.6
JUL													
09...	20.5	--	.22	--	--	<.02	--	--	.084	.2	<.1	8.0	.2
AUG													
05...	20.7	E.02	.24	.76	.010	.13	1.0	.08	.099	.6	<.1	2.5	.6
SEP													
04...	20.8	--	--	--	--	--	--	--	--	--	--	--	--
09...	20.5	<.04	.21	.82	.012	.22	1.0	.09	.107	.8	<.1	2.2	.8

12464770 CRAB CREEK AT ROCKY FORD ROAD, NEAR RITZVILLE, WA--Continued
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WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	3-KETO CARBO-FURAN WATER FLTRD REC (UG/L) (50295)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)
OCT													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
03...	<.009	<.02	<.02	<.002	<.006	<2	<.004	<.007	<.002	<.02	<.008	<.04	<.005
FEB													
06...	<.009	<.02	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
MAR													
05...	<.009	<.02	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
APR													
01...	<.009	<.02	<.02	<.006	<.006	<2	<.006	<.130	<.004	<.02	<.008	<.04	<.005
MAY													
07...	<.009	<.02	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
JUN													
03...	<.009	E.02	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
JUL													
09...	.015	.24	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
AUG													
05...	<.009	<.02	<.02	<.006	<.006	<2	<.006	<.007	<.004	<.02	<.008	<.04	<.005
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)
OCT													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
03...	E.004	<.03	<.010	<.004	<.02	E.02	<.03	<.02	<.002	.011	<.03	<.041	<.006
FEB													
06...	<.007	<.03	<.010	<.004	<.02	<.01	M	<.02	<.002	<.010	<.03	<.041	<.006
MAR													
05...	<.007	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	E.006	<.03	<.041	<.006
APR													
01...	<.007	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006
MAY													
07...	<.007	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006
JUN													
03...	<.007	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006
JUL													
09...	<.007	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006
AUG													
05...	<.007	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.002	<.010	<.03	<.041	<.006
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--

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Date	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)
OCT													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
03...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.003	<.01	<.04
FEB													
06...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.003	<.01	<.04
MAR													
05...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04
APR													
01...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	E.002	<.01	<.04
MAY													
07...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04
JUN													
03...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04
JUL													
09...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04
AUG													
05...	<.020	<.02	<.010	<.04	<.005	<.01	<.018	<.01	<.01	<.003	<.006	<.01	<.04
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)
OCT													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
03...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01
FEB													
06...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01
MAR													
05...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	M	<.002	<.009	<.005	<.03	<.01
APR													
01...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01
MAY													
07...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01
JUN													
03...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01
JUL													
09...	<.005	.11	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01
AUG													
05...	<.005	<.01	<.01	<.005	<.01	<.03	<.02	<.01	<.002	<.009	<.005	<.03	<.01
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--

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Date	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS REC (UG/L) (04095)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)
OCT													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
03...	<.03	<.003	<.008	<.02	<.02	<.007	E.002	<.01	<.035	<.027	<.02	<.01	<.02
FEB													
06...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
MAR													
05...	<.03	<.003	<.008	<.02	E.04	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
APR													
01...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.11	<.01	<.02
MAY													
07...	<.03	<.003	<.008	<.02	E.01	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
JUN													
03...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
JUL													
09...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
AUG													
05...	<.03	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)
OCT													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
03...	<.008	<.004	<.050	<.006	<.013	.007	<.03	<.002	<.007	<.01	<.01	<.02	<.02
FEB													
06...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
MAR													
05...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
APR													
01...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
MAY													
07...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
JUN													
03...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
JUL													
09...	<.008	<.004	E.026	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
AUG													
05...	<.008	<.004	E.028	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--

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Date	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
OCT													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
03...	<.01	<.003	<.007	<.002	<.010	<.006	<.011	<.02	M	<.004	<.010	<.011	<.02
FEB													
06...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
MAR													
05...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
APR													
01...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
MAY													
07...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
JUN													
03...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
JUL													
09...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
AUG													
05...	<.01	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.004	<.010	<.011	<.02
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
OCT													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
03...	<.010	<.02	<.008	<.02	E.005	<.009	<.02	<.010	<.034	<.02	U	<.005	.011
FEB													
06...	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.010	<.034	<.02	U	<.005	.003
MAR													
05...	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.010	<.034	<.02	U	<.005	.007
APR													
01...	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.010	<.034	<.02	U	<.005	.003
MAY													
07...	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
JUN													
03...	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
JUL													
09...	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
AUG													
05...	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.010	<.034	<.02	--	<.005	<.002
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--

12464770 CRAB CREEK AT ROCKY FORD ROAD, NEAR RITZVILLE, WA--Continued
(National Water-Quality Assessment station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT						
02...	--	--	--	--	3.0	.08
NOV						
06...	--	--	--	--	5.0	.16
DEC						
11...	--	--	--	--	6.0	.36
JAN						
03...	--	<.02	<.009	<.02	5.0	.46
FEB						
06...	--	<.02	<.009	<.02	16	2.2
MAR						
05...	--	<.02	<.009	<.02	17	3.2
APR						
01...	--	<.02	<.009	<.02	7.0	1.3
MAY						
07...	<.009	<.02	<.009	<.02	3.0	.39
JUN						
03...	--	<.02	<.009	<.02	3.0	.22
JUL						
09...	--	<.02	<.009	<.02	1.0	.06
AUG						
05...	--	<.02	<.009	<.02	1.0	.04
SEP						
04...	--	--	--	--	--	--
09...	--	--	--	--	2.0	.06

Date	Time	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	PERI-PHYTON BIOMASS ASH FREE DRY G/SQ M (49954)	BIOMASS CHLORO-PHYLL RATIO PERI-PHYTON (UNITS) (70950)	CHLOR-A PERI-PHYTON CHROMO-GRAPHIC FLUOROM (MG/M2) (70957)
JUL								
22...	1840	354	17.6	11	255.5	244.20	1700	144