14128910 COLUMBIA RIVER AT WARRENDALE, OR
(National stream quality accounting network station)

LOCATION.--Lat 45˚36′45″, long 122˚01′35″, in NE 1/4 SE 1/4 sec.35, T.2 N., R.6 E., Multnomah County, Hydrologic Unit 17080001, on left bank 0.1 mi downstream from Tumult Creek, 1.0 mi west of Warrendale, 5.1 mi downstream from Bonneville Dam, and at mile 141.0.

DRAINAGE AREA.--240,000 mi^2, approximately.

PERIOD OF RECORD.--October 1973 to September 1993, October 1996 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1975 to September 1992 (discontinued).
WATER TEMPERATURE: October 1975 to September 1992 (discontinued).

REMARKS.--Boron values less than 16 UG/L have been designated as estimated due to a change in the minimum reporting level effective December 22, 1997.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 244 microsiemens Jan. 7, 1988; minimum, 95 microsiemens June 26, 27, 1982.
WATER TEMPERATURE: Maximum, 22.5˚C Aug. 17, 18, 1977, Aug. 11, 1980, July 31, 1992; minimum recorded, 0.0˚C many days in January and February, 1979.

WATER-QUALITY DATA

DATE	TIME	DIS-CHARGE, IN CUBIC FEET PER SECOND (00060)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS 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)
OCT 1999												
20...	0930	125000	770	95	9.8	7.9	144	14.2	59	16	4.4	1.1
DEC												
01...	1000	193000	767	95	10.9	7.8	147	10.0	60	16	4.5	1.1
14...	0930	195000	768	95	11.3	7.8	148	8.1	65	18	4.8	1.0
JAN 2000												
19...	1040	203000	769	99	12.8	7.9	160	4.8	71	19	5.4	1.0
FEB												
15...	0950	198000	768	105	13.7	8.1	182	4.5	72	19	5.6	1.3
APR												
12...	0920	253000	764	100	11.2	8.0	161	10.1	63	17	5.0	1.4
MAY												
17...	1120	242000	769	105	11.2	8.1	128	13.0	53	15	4.1	1.0
31...	0950	241000	768	105	10.7	8.0	119	14.8	51	14	3.8	1.0
JUN												
21...	0950	211000	764	112	10.9	7.7	108	16.6	45	12	3.5	.8
JUL												
26...	0920	164000	763	109	9.8	7.7	120	20.3	62	17	4.5	.9
SEP												
13...	1020	134000	763	95	8.7	7.8	136	19.6	59	16	4.6	1.0

DATE	SODIUM AD-SORP-TION RATIO (00931)	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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
OCT 1999												
20...	.3	4.9	15	50	62	0	2.3	.1	7.5	11	E.1	.14
DEC												
01...	.3	5.6	17	59	72	0	2.9	.1	8.6	11	E.1	E.10
14...	.3	5.9	16	59	72	0	2.9	<.1	9.7	11	E.1	.13
JAN 2000												
19...	.3	5.8	15	64	78	0	3.7	<.1	10	9.9	E.1	.24
FEB												
15...	.4	6.9	17	71	86	0	4.0	.1	12	13	E.1	.14
APR												
12...	.4	6.6	18	64	76	0	3.6	<.1	13	11	.1	.25
MAY												
17...	.2	4.2	14	54	66	0	2.2	.1	8.9	7.8	.1	.29
31...	.3	4.3	15	52	63	0	2.0	.1	9.7	7.2	<.1	.22
JUN												
21...	.2	3.7	15	46	57	0	1.6	<.1	8.7	5.7	E.1	.16
JUL												
26...	.2	4.1	12	49	60	0	1.7	<.1	8.9	6.9	.1	.15
SEP												
13...	.3	5.2	16	55	67	0	2.3	.1	8.3	8.9	.1	.14

DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	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)	PHOS-PHORUS SEDI-MENT SUSP. PERCENT (30292)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	CARBON, ORGANIC SUS-PENDED, TOTAL PERCENT (50465)	CARBON SED. SUSP. PERCENT (30244)
OCT 1999											
20...	.010	.167	.003	.009	.009	.021	--	1.4	<.2	--	--
DEC											
01...	<.002	.206	.005	.020	.004	.031	.14	1.3	.3	--	3.3
14...	<.002	.217	.005	.014	.002	.023	--	1.4	.2	--	--
JAN 2000											
19...	<.002	.322	.001	.015	.011	.021	.11	1.4	.2	--	4.9
FEB											
15...	<.002	.409	.003	.014	.014	.027	--	1.4	.2	--	--
APR											
12...	.004	.387	.002	.019	.015	.041	--	1.9	.2	--	--
MAY											
17...	.002	.050	<.001	E.003	.002	.029	.14	1.9	.3	3.6	3.9
31...	.003	.051	<.001	E.005	.002	.023	--	2.0	.2	--	--
JUN											
21...	<.002	.077	.001	.007	<.001	.027	--	2.0	.2	--	--
JUL											
26...	.016	.054	.002	.011	.008	.022	--	1.5	.2	--	--
SEP											
13...	.019	.127	.002	.015	.012	.024	.13	1.4	.3	--	4.1

E Estimated

WATER-QUALITY DATA

DATE	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	TUR-BID-ITY (NTU) (00076)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)
OCT 1999											
20...	.11	84	79	1.4	--	--	<2	--	--	E9	--
DEC											
01...	.12	90	86	2.8	3	<1	E1	22	<1	E11	<1
14...	.12	90	89	2.2	--	--	<2	--	--	17	--
JAN 2000											
19...	.14	104	96	1.8	2	<1	<2	26	<1	E13	<1
FEB											
15...	.16	120	106	1.8	--	--	E1	--	--	E15	--
APR											
12...	.14	106	97	4	--	--	E1	--	--	21	--
MAY											
17...	.11	81	76	2.9	8	<1	<2	21	<1	<16	<1
31...	.11	78	73	3.5	--	--	<2	--	--	<16	--
JUN											
21...	.10	71	65	2.8	--	--	<2	--	--	E11	--
JUL											
26...	.10	73	74	3.1	--	--	E1	--	--	<16	--
SEP											
13...	.11	80	80	.5	2	<1	<2	25	<1	E12	<1

DATE	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)
OCT 1999											
20...	--	--	--	<10	--	E2	--	--	--	<2	--
DEC											
01...	<.8	<1	<1	E6	<1	E3	<1	<1	<1	<2	<1
14...	--	--	--	<10	--	E3	--	--	--	<2	--
JAN 2000											
19...	<.8	<1	3	<10	<1	<4	<1	<1	<1	<2	<1
FEB											
15...	--	--	--	E9	--	E4	--	--	--	<2	--
APR											
12...	--	--	--	<10	--	E3	--	--	--	<2	--
MAY											
17...	<.8	<1	1	10	<1	4	<1	<1	<1	<2	<1
31...	--	--	--	<10	--	E2	--	--	--	<2	--
JUN											
21...	--	--	--	<10	--	<4	--	--	--	<2	--
JUL											
26...	--	--	--	<10	--	<4	--	--	--	<2	--
SEP											
13...	<.8	<1	<1	<10	<1	E2	<1	<1	<1	<2	<1

DATE	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ALUM-INUM SED,SUS PERCENT (30221)	AN-TIMONY SED. SUSP. (UG/G) (29816)	ARSENIC SED. SUSP. (UG/G) (29818)	BARIUM SED. SUSP. (UG/G) (29820)	BERYL-LIUM SED. SUSP. (UG/G) (29822)	CADMIUM SED. SUSP. (UG/G) (29826)	CHRO-MIUM SED. SUSP. (UG/G) (29829)	COBALT SEDI-MENT SUSP. (UG/G) (35031)
OCT 1999											
20...	96	<10	--	--	--	--	--	--	--	--	--
DEC											
01...	90	<10	<1	7.3	1.3	7.7	560	1.5	.8	60	20
14...	96	<10	--	--	--	--	--	--	--	--	--
JAN 2000											
19...	95	<10	2	6.4	1.8	9.4	560	1.5	1.0	61	15
FEB											
15...	100	<10	--	--	--	--	--	--	--	--	--
APR											
12...	89	<10	--	--	--	--	--	--	--	--	--
MAY											
17...	76	<10	3	6.4	2.0	8.1	570	1.6	1.6	61	18
31...	75	<10	--	--	--	--	--	--	--	--	--
JUN											
21...	68	<10	--	--	--	--	--	--	--	--	--
JUL											
26...	79	<250	--	--	--	--	--	--	--	--	--
SEP											
13...	91	<10	<1	6.8	2.0	10	660	1.6	1.8	96	19

E Estimated

WATER-QUALITY DATA

DATE	COPPER SED. SUSP. (UG/G) (29832)	IRON SEDI- MENT SUSP. PERCENT (30269)	LEAD SED. SUSP. (UG/G) (29836)	LITHIUM SEDI- MENT SUSP. (UG/G) (35050)	MAN- GANESE SED. SUSP. (UG/G) (29839)	MERCURY SED. SUSP. (UG/G) (29841)	MOLYB- DENUM SED. SUSP. (UG/G) (29843)	NICKEL SED. SUSP. (UG/G) (29845)	SELE- NIUM SED. SUSP. (UG/G) (29847)	SILVER SED. SUSP. (UG/G) (29850)	STRON- TIUM SEDI- MENT SUSP. (UG/G) (35040)
OCT 1999											
20...	--	--	--	--	--	--	--	--	--	--	--
DEC											
01...	53	4.3	30	26	1200	.34	<10	35	.5	<1	390
14...	--	--	--	--	--	--	--	--	--	--	--
JAN 2000											
19...	120	3.8	30	28	1100	--	<10	41	.7	<1	380
FEB											
15...	--	--	--	--	--	--	--	--	--	--	--
APR											
12...	--	--	--	--	--	--	--	--	--	--	--
MAY											
17...	72	3.8	27	27	1300	.10	<10	36	.6	<1	310
31...	--	--	--	--	--	--	--	--	--	--	--
JUN											
21...	--	--	--	--	--	--	--	--	--	--	--
JUL											
26...	--	--	--	--	--	--	--	--	--	--	--
SEP											
13...	50	4.1	28	27	1600	--	<10	60	.7	<1	300

DATE	TITA- NIUM SEDI- MENT SUSP. PERCENT (30317)	VANA- DIUM SED. SUSP. (UG/G) (29853)	ZINC SED. SUSP. (UG/G) (29855)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)
OCT 1999											
20...	--	--	--	<.003	<.002	<.002	<.002	<.001	<.002	<.002	<.003
DEC											
01...	.50	120	190	<.003	<.002	<.002	<.002	<.001	<.002	<.002	<.003
14...	--	--	--	<.003	<.002	<.002	<.002	E.003	<.002	<.002	<.003
JAN 2000											
19...	.47	110	220	<.003	<.002	<.002	<.002	E.003	<.002	<.002	<.003
FEB											
15...	--	--	--	<.003	<.002	<.002	<.002	E.003	<.002	<.002	<.003
APR											
12...	--	--	--	<.003	<.002	<.002	<.002	.007	<.002	<.002	<.003
MAY											
17...	.47	110	290	<.003	<.002	<.002	<.002	<.004	<.002	<.002	<.003
31...	--	--	--	<.003	<.002	<.002	<.002	<.001	<.002	<.002	<.003
JUN											
21...	--	--	--	<.003	<.002	<.002	<.002	<.004	<.002	<.002	<.003
JUL											
26...	--	--	--	<.003	<.002	<.002	<.002	<.001	<.002	<.002	<.003
SEP											
13...	.51	120	280	--	--	--	--	--	--	--	--

DATE	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	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)
OCT 1999											
20...	<.003	<.004	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003
DEC											
01...	<.003	<.004	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003
14...	<.003	<.004	<.004	<.002	E.004	<.002	<.001	<.017	<.002	<.004	<.003
JAN 2000											
19...	<.003	<.004	<.004	<.002	E.004	<.002	<.001	<.017	<.002	<.004	<.003
FEB											
15...	<.003	<.004	<.004	<.002	E.004	<.002	<.001	<.017	<.002	<.004	<.003
APR											
12...	<.003	.006	<.004	<.002	E.004	<.002	<.001	<.017	E.002	<.004	<.003
MAY											
17...	<.003	<.004	<.004	<.002	<.002	<.002	<.001	<.017	.006	<.004	<.003
31...	<.003	<.004	<.004	<.002	<.002	<.002	<.001	<.017	E.004	<.004	<.003
JUN											
21...	<.003	<.004	<.004	<.002	E.002	<.002	<.001	<.017	E.002	<.004	<.003
JUL											
26...	<.003	<.004	<.004	<.002	<.002	<.002	<.001	<.017	<.002	<.004	<.003
SEP											
13...	--	--	--	--	--	--	--	--	--	--	--

E Estimated

14128910 COLUMBIA RIVER AT WARRENDALE, OR--Continued

WATER-QUALITY DATA

DATE	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA- THION, DIS- SOLVED (UG/L) (39532)	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)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)
OCT 1999											
20...	<.003	<.004	<.002	<.005	<.001	<.006	<.002	<.004	<.004	<.003	<.006
DEC											
01...	<.003	<.004	<.002	<.005	<.001	<.006	<.002	<.004	<.004	<.003	<.006
14...	<.003	<.004	<.002	<.005	<.001	<.006	<.002	<.004	<.004	<.003	<.006
JAN 2000											
19...	<.003	<.004	<.002	<.005	<.001	<.006	<.002	<.004	<.004	<.003	<.006
FEB											
15...	<.003	<.004	<.002	<.005	<.001	<.006	<.002	<.004	<.004	<.003	<.006
APR											
12...	<.003	<.004	<.002	<.005	<.001	<.006	.006	<.004	<.004	<.003	<.006
MAY											
17...	<.003	<.004	<.002	<.005	<.01	<.006	<.004	<.004	<.004	<.003	E.001
31...	<.003	<.004	<.002	<.005	<.001	<.006	.005	<.004	<.004	<.003	<.006
JUN											
21...	<.003	<.004	<.002	E.003	<.005	<.006	.005	<.004	<.004	<.003	<.006
JUL											
26...	<.003	<.004	<.002	<.005	<.001	<.006	<.002	<.004	<.004	<.003	<.006
SEP											
13...	--	--	--	--	--	--	--	--	--	--	--

DATE	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)	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)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)
OCT 1999											
20...	<.004	<.004	<.004	<.005	<.002	<.018	<.003	<.007	<.004	<.013	<.005
DEC											
01...	<.004	<.004	<.004	<.005	<.002	<.018	<.003	<.007	<.004	<.013	<.005
14...	<.004	<.004	<.004	<.005	<.002	<.018	<.003	<.007	<.004	<.013	E.003
JAN 2000											
19...	<.004	<.004	<.004	<.005	<.002	<.018	<.003	<.007	<.004	<.013	E.003
FEB											
15...	<.004	<.004	<.004	<.005	<.002	<.018	<.003	<.007	<.004	<.013	E.002
APR											
12...	<.004	<.004	<.004	<.005	<.002	<.018	<.003	<.007	<.004	<.013	<.005
MAY											
17...	<.004	<.004	<.004	<.005	<.002	<.018	<.003	<.007	<.004	<.013	<.005
31...	<.004	<.004	<.004	<.005	<.002	<.018	<.003	<.007	<.004	<.013	<.005
JUN											
21...	<.004	<.004	<.004	<.005	<.002	<.018	<.003	<.007	<.004	<.013	<.005
JUL											
26...	<.004	<.004	<.004	<.005	<.002	<.018	<.003	<.007	<.004	<.013	<.005
SEP											
13...	--	--	--	--	--	--	--	--	--	--	--

DATE	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	URANIUM SEDI- MENT SUSP. (UG/G) (35046)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 1999											
20...	<.01	<.007	<.013	<.002	<.001	<.002	--	--	6	2020	94
DEC											
01...	<.01	<.007	<.013	<.002	<.001	<.002	<1	<100	9	4690	97
14...	<.01	<.007	<.013	<.002	<.001	<.002	--	--	5	2630	96
JAN 2000											
19...	<.01	<.007	<.013	<.002	<.001	<.002	<1	<100	5	2740	81
FEB											
15...	<.01	<.007	<.013	<.002	<.001	<.002	--	--	4	2140	88
APR											
12...	<.01	<.007	<.013	<.002	<.001	<.002	--	--	11	7510	89
MAY											
17...	<.01	<.007	<.013	<.002	<.001	<.002	<1	<100	13	8490	96
31...	<.01	<.007	<.013	<.002	<.001	<.002	--	--	10	6510	92
JUN											
21...	<.01	E.005	<.013	<.002	<.001	<.002	--	--	8	4560	94
JUL											
26...	<.01	<.007	<.013	<.002	<.001	<.002	--	--	6	2660	95
SEP											
13...	--	--	--	--	--	--	<1	<100	4	1450	96

E Estimated