



Water-Data Report 2009

## 11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR

Klamath Basin  
Williamson Subbasin

LOCATION.--Lat 42°33'54", long 121°52'42" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.4, T.35 S., R.7 E., Klamath County, OR, Hydrologic Unit 18010201, on right bank, 0.8 mi downstream from Sprague River, 1.2 mi southwest of Chiloquin and at mile 10.3.

DRAINAGE AREA.--3,000 mi<sup>2</sup>, approximately.

### **SURFACE-WATER RECORDS**

PERIOD OF RECORD.--June 1917 to current year. Monthly discharge only for October 1922 to August 1923, published in WSP 1315-B.

REVISED RECORDS.--WSP 981: 1938(M). WSP 1565: 1920(M), 1927(M), 1938.

GAGE.--Water-stage recorder. Datum of gage is 4,148.50 ft above NGVD of 1929. Prior to Sept. 1, 1923, at different datum. Sept. 1, 1923 to July 12, 1991, at site 0.6 mi upstream at datum 7.05 ft higher.

REMARKS.--No estimated daily discharges. Records good except for estimated daily discharges, which are poor. Some regulation by diversion dams and logpond operations on Sprague River. Diversions for irrigation upstream from station.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--91 years (water years 1918-22, 1924-2009), 1,032 ft<sup>3</sup>/s, 747,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17,100 ft<sup>3</sup>/s Jan. 5, 1997, gage height, 10.27 ft; minimum discharge, 285 ft<sup>3</sup>/s Aug. 6, 8, 9, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,810 ft<sup>3</sup>/s May 10, 11, gage height, 4.97 ft; minimum discharge, 398 ft<sup>3</sup>/s Aug. 18.

## 11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	469	567	599	657	689	812	1,140	1,150	854	564	456	456
2	473	576	605	689	686	826	1,090	1,120	887	566	462	469
3	488	584	601	683	686	959	1,070	1,160	887	534	473	477
4	517	604	599	667	687	1,190	1,050	1,250	877	525	472	456
5	546	600	594	691	694	1,390	1,050	1,360	907	522	454	447
6	566	601	588	700	702	1,350	1,020	1,480	959	522	437	445
7	574	596	591	744	713	1,130	996	1,550	965	517	441	444
8	568	604	598	776	715	1,020	989	1,620	962	507	464	438
9	554	600	593	787	717	915	1,030	1,680	946	506	472	438
10	547	592	599	766	714	874	1,120	1,730	878	508	495	438
11	539	597	594	735	706	842	1,280	1,810	836	513	494	439
12	543	603	595	703	688	819	1,470	1,780	817	521	475	441
13	546	599	606	702	695	812	1,520	1,720	809	509	455	441
14	548	600	612	709	701	803	1,400	1,650	830	491	441	444
15	552	605	587	704	702	819	1,280	1,550	848	488	430	448
16	555	605	475	696	696	866	1,230	1,450	855	488	423	451
17	554	602	494	679	698	920	1,180	1,370	839	484	420	454
18	555	597	592	677	698	1,050	1,130	1,300	802	454	407	461
19	555	599	592	667	694	1,310	1,100	1,240	768	440	419	479
20	552	593	604	678	692	1,420	1,080	1,210	732	436	431	482
21	551	590	634	687	693	1,410	1,080	1,190	695	449	447	468
22	548	596	633	692	702	1,390	1,110	1,170	673	457	467	467
23	547	595	611	695	753	1,370	1,140	1,140	668	465	455	478
24	556	593	634	711	829	1,370	1,200	1,100	673	451	442	471
25	559	599	616	729	920	1,330	1,260	1,040	664	440	448	464
26	555	596	586	742	961	1,250	1,290	1,010	626	438	441	477
27	555	598	625	735	898	1,250	1,260	971	601	437	429	484
28	551	599	638	710	844	1,200	1,220	951	585	442	435	500
29	555	599	650	677	---	1,160	1,200	919	582	442	436	491
30	561	592	654	698	---	1,160	1,180	871	556	444	429	489
31	565	---	651	696	---	1,190	---	852	---	448	449	---
<b>Total</b>	16,904	17,881	18,650	21,882	20,573	34,207	35,165	40,394	23,581	15,008	13,899	13,837
<b>Mean</b>	545	596	602	706	735	1,103	1,172	1,303	786	484	448	461
<b>Max</b>	574	605	654	787	961	1,420	1,520	1,810	965	566	495	500
<b>Min</b>	469	567	475	657	686	803	989	852	556	436	407	438
<b>Ac-ft</b>	33,530	35,470	36,990	43,400	40,810	67,850	69,750	80,120	46,770	29,770	27,570	27,450

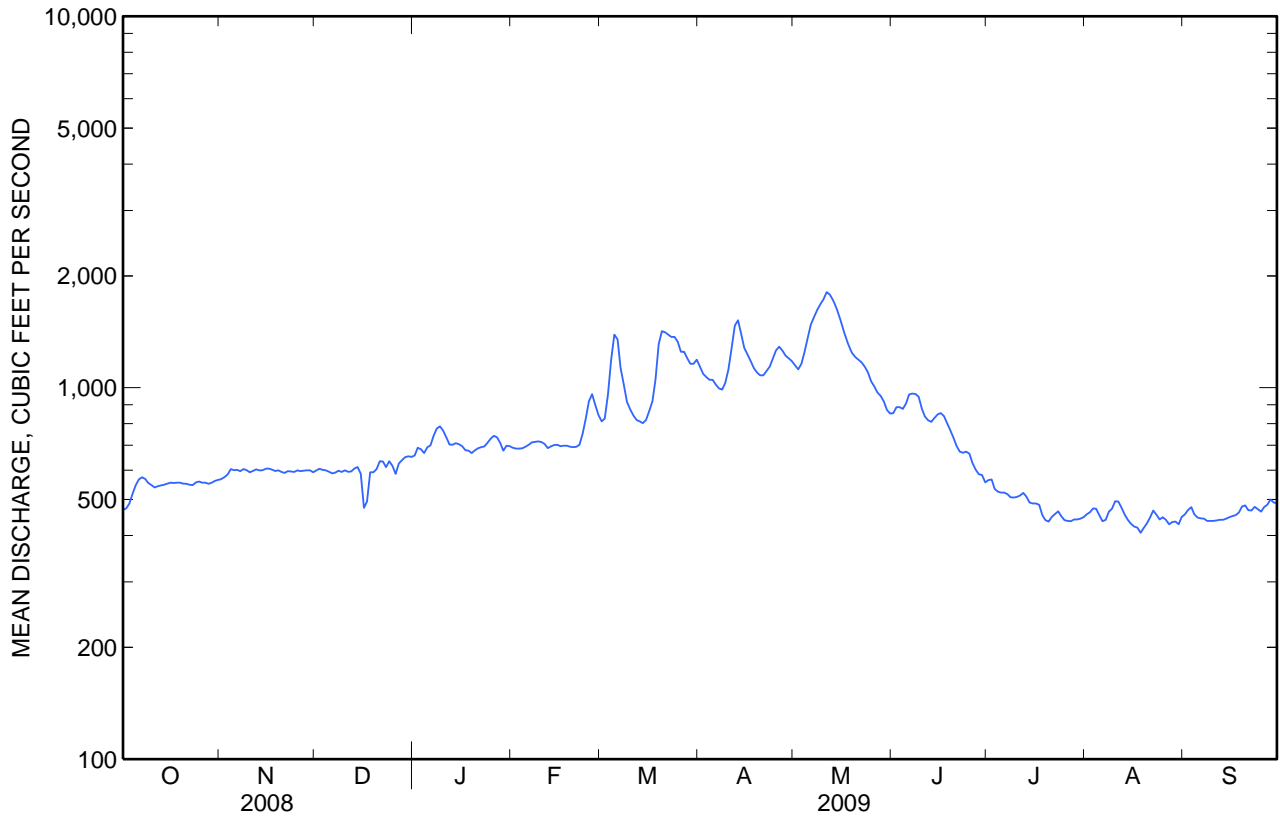
**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1918 - 2009, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	643	746	926	1,014	1,222	1,593	1,945	1,652	988	596	526	553
<b>Max</b>	1,237	1,345	3,682	4,067	3,846	4,256	5,488	4,376	2,658	1,278	934	872
<b>(WY)</b>	(1963)	(1974)	(1965)	(1997)	(1958)	(1972)	(1952)	(1956)	(1953)	(1958)	(1958)	(1958)
<b>Min</b>	488	530	545	524	547	619	583	391	338	311	304	382
<b>(WY)</b>	(1993)	(1995)	(1993)	(1937)	(1933)	(1992)	(1992)	(1992)	(1992)	(1994)	(1994)	(1994)

11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued

SUMMARY STATISTICS

	Calendar Year 2008		Water Year 2009		Water Years 1918 - 2009	
<b>Annual total</b>	321,252		271,981			
<b>Annual mean</b>	878		745		1,032	
<b>Highest annual mean</b>					2,187	1956
<b>Lowest annual mean</b>					483	1992
<b>Highest daily mean</b>	2,290	Apr 18	1,810	May 11	16,000	Dec 26, 1964
<b>Lowest daily mean</b>	436	Aug 31	407	Aug 18	288	Aug 6, 1994
<b>Annual seven-day minimum</b>	443	Aug 26	424	Aug 14	294	Aug 4, 1994
<b>Annual runoff (ac-ft)</b>	637,200		539,500		747,600	
<b>10 percent exceeds</b>	1,770		1,220		1,950	
<b>50 percent exceeds</b>	624		633		737	
<b>90 percent exceeds</b>	467		448		497	



**11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued****WATER-QUALITY RECORDS**

## PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 2007 to current year.

TURBIDITY: October 2007 to current year.

INSTRUMENTATION.--Water-quality monitor. Any use of trade, product, or firm names in this publication is for descriptive purposes only and does not imply endorsement by the U.S. Government.

## REMARKS.--

WATER TEMPERATURE: Records good.

TURBIDITY: Records good. Data collected using a Forest Technology Systems DTS-12 turbidity sensor. Manufacturer's stated precision is the greater of +/- 2 percent from 0-500 and +/- 4 percent from 501-1600 Formazin Nephelometric Units. FNU values below 10 are reported to nearest 0.1 FNU. Negative recorded values are reported as 0.0 FNU.

## EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 20.6°C May 18, 19, 2008; minimum, 0.5°C Dec. 16, 2008.

TURBIDITY: Maximum, 52 FNU Mar. 14, 2008; minimum, 0.0 FNU on several days during August and September 2008.

## EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 20.4°C May 29; minimum, 0.5°C Dec. 16.

TURBIDITY: Maximum, 51 FNU Mar. 6; minimum, 0.6 FNU Oct. 1, 2.

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Time	Instan- taneous dis- charge, ft <sup>3</sup> /s (00061)	Suspnd.	Sus- pende	Sus- pende
			sieve diametr percent <0.0625 mm (70331)	sediment concentra- tion mg/L (80154)	sediment dis- charge, tons/d (80155)
<b>Apr</b>					
24...	1005	2,020	89	17	93
24...	1012	2,020	89	14	76
<b>May</b>					
02...	1020	1,720	93	17	79
20...	1030	1,720	94	17	79
<b>Jul</b>					
03...	0930	580	77	3	4.7
03...	0942	580	82	4	6.3

## 11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Time	Instan- taneous dis- charge, ft <sup>3</sup> /s (00061)	Suspd. sedimnt sieve diametr percent <0.0625 mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
<b>Jan</b>					
08...	1212	780	82	7	15
08...	1245	780	87	6	13
<b>Feb</b>					
23...	1405	757	73	7	14
25...	1234	921	92	13	32
26...	1234	970	89	18	47
27...	1132	897	85	19	46
27...	1140	897	92	15	36
<b>Mar</b>					
04...	1002	1,130	90	37	113
04...	1012	1,130	92	36	110
20...	1001	1,420	78	63	242
20...	1015	1,420	89	46	176
<b>Apr</b>					
13...	1115	1,520	95	43	176
13...	1123	1,530	96	41	169
14...	1230	1,400	89	11	42
<b>May</b>					
12...	1155	1,780	94	24	115
12...	1208	1,780	95	21	101

## 11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	7.4	5.8	6.8	2.4	1.4	1.9	2.1	1.6	1.8
2	---	---	---	7.2	5.1	6.2	---	1.8	---	2.5	1.9	2.1
3	---	---	---	6.7	4.8	5.9	4.3	2.5	3.4	2.5	2.2	2.3
4	---	---	---	6.6	4.7	5.8	5.2	4.1	4.6	2.3	1.8	2.1
5	---	---	---	6.6	4.7	5.8	4.7	3.8	4.2	2.1	1.7	1.9
6	---	---	---	6.4	4.7	5.7	4.5	3.6	3.9	2.0	1.7	1.8
7	---	---	---	6.3	4.5	5.5	3.8	3.2	3.6	2.2	1.5	1.8
8	---	---	---	6.3	4.4	5.5	3.6	2.4	2.9	1.9	1.4	1.6
9	---	---	---	6.7	5.1	6.0	2.4	1.1	1.6	2.4	1.5	2.0
10	---	---	---	7.3	6.0	6.6	2.3	1.7	2.0	2.7	1.9	2.3
11	---	---	---	7.2	5.8	6.4	2.3	1.2	1.8	2.8	2.2	2.5
12	---	---	---	6.6	5.2	5.8	2.6	1.9	2.3	3.3	2.4	2.9
13	---	---	---	7.1	6.3	6.7	2.1	1.7	1.9	3.5	2.5	3.0
14	---	---	---	6.3	4.8	5.6	2.4	1.6	2.0	3.6	2.7	3.1
15	---	---	---	6.4	5.0	5.7	2.6	2.1	2.4	3.3	2.1	2.5
16	---	---	---	6.7	6.2	6.4	2.5	1.8	2.2	2.5	1.5	1.9
17	7.9	6.2	7.0	7.7	6.6	7.1	3.1	2.1	2.6	2.3	1.6	2.0
18	7.9	6.8	7.3	8.5	7.3	7.9	3.8	2.8	3.2	2.5	1.9	2.2
19	7.9	7.3	7.7	8.3	6.7	7.3	3.6	2.5	3.0	2.4	2.0	2.2
20	7.8	6.2	7.1	6.7	5.0	5.6	---	1.4	---	2.9	2.3	2.5
21	7.7	5.4	6.6	5.4	4.1	4.7	2.0	1.2	1.6	2.6	1.4	1.7
22	8.2	5.8	7.1	4.5	3.2	3.8	2.4	1.7	2.0	2.2	1.0	1.5
23	8.7	6.2	7.5	3.7	2.2	3.0	2.7	2.4	2.6	2.2	1.1	1.6
24	8.8	6.6	7.8	3.4	2.0	2.7	2.8	2.1	2.5	2.0	1.5	1.7
25	8.7	6.9	7.4	3.9	2.9	3.5	2.2	1.2	1.7	2.4	1.5	2.0
26	7.1	5.4	6.3	3.7	2.5	3.1	2.0	1.2	1.8	2.7	2.3	2.4
27	7.6	5.6	6.7	3.7	2.8	3.3	2.1	1.3	1.7	2.6	1.9	2.4
28	7.6	5.5	6.7	3.3	1.8	2.5	2.8	1.9	2.4	2.4	1.6	2.0
29	7.6	5.6	6.7	3.4	2.7	3.0	2.5	2.2	2.4	2.0	1.4	1.6
30	8.2	6.7	7.5	3.0	1.9	2.5	2.3	1.8	2.0	2.2	1.5	1.9
31	7.9	5.7	6.8	---	---	---	2.2	1.4	1.8	1.9	1.1	1.5
Month	---	---	---	8.5	1.8	5.2	---	1.1	---	3.6	1.0	2.1

## 11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
<b>1</b>	2.4	1.4	1.8	6.3	4.9	5.5	6.6	4.0	5.3	11.7	9.0	10.5
<b>2</b>	2.0	1.1	1.6	5.7	3.2	4.5	7.8	5.1	6.4	11.8	9.5	10.7
<b>3</b>	2.7	1.1	1.8	5.5	3.9	4.7	8.6	5.9	7.1	13.3	10.2	11.7
<b>4</b>	2.5	1.6	2.2	5.6	3.5	4.5	8.3	6.7	7.4	13.9	11.2	12.6
<b>5</b>	2.5	1.6	2.1	5.5	3.0	4.2	7.4	6.2	6.7	15.2	12.0	13.6
<b>6</b>	2.8	2.1	2.5	5.2	3.1	4.2	7.9	6.0	6.8	15.3	13.2	14.4
<b>7</b>	3.0	2.5	2.7	4.8	3.0	3.9	7.7	5.5	6.5	15.7	13.1	14.5
<b>8</b>	2.7	1.7	2.3	6.6	3.8	5.2	7.6	6.1	6.8	14.8	12.5	13.8
<b>9</b>	3.0	1.9	2.5	7.3	4.5	5.9	7.8	6.1	6.9	14.7	11.7	13.3
<b>10</b>	3.0	1.9	2.5	7.6	5.1	6.4	8.9	6.4	7.6	14.4	12.1	13.4
<b>11</b>	3.6	2.4	3.1	8.4	5.9	7.1	9.9	7.0	8.4	14.4	12.1	13.3
<b>12</b>	4.4	2.5	3.5	8.1	6.5	7.3	11.6	8.6	10.0	14.3	11.3	12.9
<b>13</b>	4.2	2.9	3.6	7.2	5.9	6.5	12.1	9.9	11.0	14.8	12.2	13.6
<b>14</b>	3.5	1.4	2.6	5.9	4.1	4.7	12.1	10.4	11.3	15.7	12.7	14.2
<b>15</b>	3.9	1.7	2.8	4.9	3.0	3.9	10.4	8.7	9.7	17.5	13.7	15.6
<b>16</b>	4.4	2.0	3.3	4.7	2.4	3.7	10.2	7.6	8.9	18.9	15.2	17.0
<b>17</b>	4.5	2.1	3.4	5.7	3.7	4.7	11.4	8.4	9.9	20.2	16.7	18.5
<b>18</b>	4.8	2.3	3.7	7.4	5.3	6.2	11.8	9.4	10.7	20.6	17.7	19.3
<b>19</b>	4.8	2.7	3.8	6.8	5.7	6.3	11.3	9.4	10.2	20.6	17.8	19.3
<b>20</b>	5.9	3.9	4.9	7.1	5.5	6.2	9.4	7.4	8.1	20.0	16.5	18.0
<b>21</b>	5.7	3.7	4.3	6.9	4.8	6.0	8.1	6.6	7.4	16.8	14.6	15.8
<b>22</b>	4.3	3.2	3.8	7.0	4.4	5.8	7.6	6.6	7.0	15.4	12.6	13.8
<b>23</b>	4.2	2.7	3.6	7.6	5.6	6.7	7.3	5.9	6.7	13.7	11.8	12.5
<b>24</b>	5.0	3.6	4.3	8.2	6.6	7.4	8.9	5.9	7.3	12.5	11.0	11.8
<b>25</b>	6.3	3.9	5.1	8.4	6.9	7.8	9.0	7.2	8.1	12.2	11.0	11.8
<b>26</b>	6.1	3.8	5.1	8.2	6.2	6.9	11.4	7.7	9.5	13.7	11.6	12.6
<b>27</b>	6.5	4.2	5.4	6.8	4.4	5.7	12.6	9.8	11.2	13.0	11.9	12.5
<b>28</b>	6.7	4.2	5.5	6.1	4.0	4.7	14.0	11.0	12.5	12.9	12.3	12.5
<b>29</b>	6.5	4.6	5.5	5.6	2.6	4.1	13.5	11.6	12.3	12.7	11.7	12.2
<b>30</b>	---	---	---	5.5	3.8	4.7	11.6	10.0	10.7	14.4	11.7	12.9
<b>31</b>	---	---	---	5.4	2.8	4.2	---	---	---	15.1	12.6	13.9
<b>Month</b>	6.7	1.1	3.4	8.4	2.4	5.5	14.0	4.0	8.6	20.6	9.0	14.0

## 11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	16.5	13.8	15.2	19.2	16.3	18.0	15.6	12.7	14.4	12.0	8.5	10.4
2	16.5	14.0	15.5	19.5	16.5	18.2	15.7	13.2	14.7	12.5	9.0	10.9
3	16.9	15.0	16.0	19.3	16.2	17.8	15.7	12.8	14.5	13.1	9.4	11.5
4	16.0	13.9	15.1	18.8	16.0	17.5	15.7	13.1	14.7	13.5	10.0	12.0
5	15.2	13.2	13.8	18.1	15.5	17.0	15.7	12.8	14.6	13.9	10.6	12.4
6	14.7	12.4	13.5	18.6	15.2	17.0	15.7	13.1	14.7	14.0	10.7	12.6
7	15.3	12.4	13.8	18.7	15.6	17.4	16.5	13.7	15.3	14.2	10.8	12.7
8	16.2	13.1	14.7	18.8	15.8	17.5	18.6	13.9	15.7	14.0	11.0	12.8
9	15.7	14.4	15.1	18.8	15.7	17.5	16.1	12.5	14.3	13.6	10.6	12.2
10	15.8	13.4	14.6	18.6	15.5	17.2	15.3	11.6	13.7	13.0	9.9	11.7
11	16.1	12.9	14.5	18.2	15.1	16.7	15.7	11.6	13.9	12.8	9.8	11.6
12	16.8	13.4	15.0	17.5	14.6	16.2	15.8	12.0	14.2	12.8	9.6	11.5
13	18.0	14.3	16.1	17.8	14.7	16.5	16.0	12.2	14.3	13.1	9.8	11.7
14	18.9	15.2	17.0	17.8	15.0	16.6	16.4	12.2	14.5	13.3	10.0	11.9
15	19.4	15.6	17.5	17.6	15.3	16.6	16.6	12.7	14.9	13.5	10.3	12.1
16	19.7	15.9	17.8	17.1	14.6	16.1	16.3	12.9	14.9	13.7	10.3	12.2
17	19.3	15.8	17.6	17.1	14.5	16.1	16.2	13.4	14.8	13.8	11.2	12.7
18	18.4	14.8	16.7	16.7	14.0	15.6	15.2	12.8	14.3	13.4	10.0	11.8
19	18.7	14.6	16.6	16.4	13.5	15.2	14.8	11.9	13.6	12.7	10.1	11.5
20	18.4	14.8	16.7	16.6	13.6	15.3	14.6	12.3	13.5	12.0	9.2	10.3
21	17.9	15.1	15.9	17.7	14.3	16.1	15.1	11.3	13.3	10.2	8.2	9.2
22	16.8	13.0	15.0	17.7	15.3	16.6	14.7	10.6	12.9	11.2	7.7	9.5
23	17.6	13.5	15.7	16.9	13.7	15.5	14.9	11.2	13.3	11.5	7.9	9.8
24	18.2	14.2	16.3	16.6	13.7	15.4	14.7	11.6	13.5	11.9	8.5	10.4
25	18.4	14.7	16.8	16.6	14.0	15.4	14.4	11.2	12.8	12.0	8.8	10.6
26	18.4	14.6	16.7	16.0	13.2	14.8	13.2	9.6	11.6	11.6	8.0	10.0
27	19.6	15.4	17.6	15.8	13.2	14.8	13.8	10.2	12.2	11.7	8.5	10.3
28	19.8	16.4	18.3	15.5	12.9	14.6	14.1	10.4	12.5	11.7	8.4	10.3
29	19.9	16.5	18.5	15.5	13.1	14.5	14.6	11.2	13.1	11.6	8.8	10.4
30	19.8	16.7	18.4	15.6	12.7	14.4	14.2	10.9	12.6	12.8	9.7	11.4
31	---	---	---	15.4	12.6	14.2	13.1	9.5	11.1	---	---	---
<b>Month</b>	19.9	12.4	16.1	19.5	12.6	16.2	18.6	9.5	13.8	14.2	7.7	11.3



## 11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
<b>1</b>	12.4	9.3	10.6	8.2	7.4	7.8	5.0	3.7	4.4	4.2	2.5	3.3
<b>2</b>	11.1	9.6	10.4	7.9	6.9	7.3	5.9	4.8	5.3	4.3	3.1	3.9
<b>3</b>	10.5	9.3	9.6	6.9	5.6	6.4	4.9	3.4	4.2	3.1	1.5	2.0
<b>4</b>	10.3	8.8	9.6	5.7	4.6	5.2	4.1	2.9	3.5	1.6	0.7	1.2
<b>5</b>	10.4	8.8	9.7	5.0	4.3	4.5	3.8	2.4	3.2	3.1	1.6	2.3
<b>6</b>	11.3	8.2	9.7	5.5	4.3	4.9	3.7	2.3	3.1	4.1	2.7	3.3
<b>7</b>	11.4	8.6	10.0	6.3	5.3	5.8	4.0	2.1	3.0	5.0	3.8	4.3
<b>8</b>	10.4	7.8	9.2	6.9	5.7	6.3	4.0	3.0	3.5	4.4	3.3	3.8
<b>9</b>	9.3	7.0	8.0	6.9	5.6	6.3	3.3	1.9	2.7	3.3	2.0	2.6
<b>10</b>	7.8	5.8	6.8	6.4	5.3	5.8	3.4	2.0	2.8	3.1	1.7	2.4
<b>11</b>	6.9	5.0	6.0	7.0	5.6	6.3	3.7	2.2	3.0	3.5	1.8	2.6
<b>12</b>	7.1	4.0	5.6	8.2	7.0	7.6	3.4	2.4	2.8	4.0	2.5	3.2
<b>13</b>	8.3	4.9	6.7	8.6	7.3	7.9	2.6	1.8	2.3	3.8	2.4	3.2
<b>14</b>	8.9	5.8	7.4	7.3	5.7	6.6	2.3	1.8	2.0	3.7	2.2	3.0
<b>15</b>	8.4	5.8	7.3	6.8	5.1	6.1	1.8	0.8	1.3	3.3	1.9	2.7
<b>16</b>	9.3	6.1	7.7	6.7	5.0	5.9	1.3	0.5	0.9	3.2	1.8	2.6
<b>17</b>	10.0	6.9	8.6	6.6	5.2	5.9	1.6	0.6	1.0	3.3	1.8	2.5
<b>18</b>	9.9	7.4	8.8	6.0	4.8	5.3	1.5	1.0	1.4	3.3	1.9	2.6
<b>19</b>	9.7	7.1	8.6	5.7	4.5	5.2	1.9	1.2	1.5	3.1	2.0	2.5
<b>20</b>	9.2	7.2	8.1	5.3	4.3	4.8	2.3	1.8	2.1	3.3	2.1	2.7
<b>21</b>	8.4	6.0	7.3	5.3	3.7	4.6	2.7	2.1	2.4	3.4	2.0	2.6
<b>22</b>	8.0	5.2	6.8	5.5	4.2	4.8	2.4	1.9	2.1	4.1	3.2	3.6
<b>23</b>	7.9	5.1	6.7	4.8	3.3	4.2	2.3	1.7	2.1	5.1	4.0	4.5
<b>24</b>	7.9	5.1	6.7	4.5	3.0	3.9	2.2	1.4	1.9	5.6	4.5	5.0
<b>25</b>	8.5	5.6	7.1	4.9	3.6	4.3	2.0	1.2	1.6	5.0	4.1	4.6
<b>26</b>	8.8	6.2	7.6	5.2	3.8	4.6	2.3	1.2	1.8	4.3	2.6	3.4
<b>27</b>	8.3	6.0	7.4	5.2	3.9	4.5	2.8	2.2	2.5	3.5	1.5	2.5
<b>28</b>	7.9	6.0	7.1	4.9	3.4	4.3	3.2	2.7	3.0	4.6	3.1	3.8
<b>29</b>	7.8	5.5	6.8	5.2	3.6	4.4	3.3	2.8	3.0	4.3	2.5	3.4
<b>30</b>	7.5	6.1	6.6	5.2	3.8	4.6	2.8	2.1	2.5	4.2	2.2	3.3
<b>31</b>	8.0	6.8	7.4	---	---	---	3.0	2.4	2.7	4.2	2.3	3.3
<b>Month</b>	12.4	4.0	7.9	8.6	3.0	5.5	5.9	0.5	2.6	5.6	0.7	3.1

## 11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
<b>1</b>	4.0	2.1	3.2	6.2	5.2	5.7	7.6	6.1	6.9	11.5	10.1	10.8
<b>2</b>	4.5	2.5	3.5	6.3	5.4	5.8	8.5	6.7	7.5	10.4	9.7	10.1
<b>3</b>	4.9	2.7	3.9	5.7	4.9	5.2	8.0	5.7	6.8	11.1	8.8	9.9
<b>4</b>	5.1	3.2	4.2	5.6	4.5	5.0	8.9	4.8	6.7	10.4	9.2	9.7
<b>5</b>	4.8	4.0	4.5	4.8	3.8	4.3	10.0	5.6	7.7	11.9	9.0	10.2
<b>6</b>	5.9	4.3	5.0	5.0	3.2	4.2	11.3	6.7	8.8	11.9	10.3	11.1
<b>7</b>	6.1	4.3	5.2	5.9	3.7	4.7	9.9	8.0	9.1	12.6	9.7	11.1
<b>8</b>	5.1	3.4	4.3	5.1	4.0	4.6	11.2	8.3	9.5	13.3	10.2	11.8
<b>9</b>	4.7	3.3	4.1	4.8	2.8	3.9	10.2	8.8	9.5	14.4	11.2	12.8
<b>10</b>	4.0	2.5	3.0	6.3	3.4	4.7	11.1	8.5	9.5	14.6	11.8	13.4
<b>11</b>	3.5	1.9	2.7	7.1	3.7	5.3	10.9	8.3	9.5	15.2	12.6	14.0
<b>12</b>	3.8	2.0	2.9	7.8	4.2	5.9	10.3	9.0	9.6	14.5	12.3	13.5
<b>13</b>	3.8	2.6	3.2	8.4	4.7	6.5	11.1	8.9	10.0	13.2	11.5	12.5
<b>14</b>	4.0	2.7	3.4	7.6	5.6	6.7	10.0	8.1	8.6	13.0	11.6	12.3
<b>15</b>	5.0	3.0	4.0	7.0	5.9	6.2	9.6	6.9	8.2	14.9	11.7	13.3
<b>16</b>	4.5	3.8	4.2	6.3	5.8	6.1	10.1	7.1	8.6	16.2	12.9	14.6
<b>17</b>	4.8	3.3	4.1	8.2	5.1	6.5	11.0	8.1	9.3	17.7	14.4	16.0
<b>18</b>	5.7	3.2	4.4	9.2	5.7	7.3	12.4	8.6	10.3	18.7	15.9	17.3
<b>19</b>	5.5	3.4	4.5	9.1	7.3	8.1	14.0	9.9	11.8	18.0	15.9	17.0
<b>20</b>	6.3	3.6	5.0	8.8	6.8	8.0	15.4	11.3	13.2	17.2	14.3	15.8
<b>21</b>	6.0	4.0	5.1	8.6	7.2	7.8	16.4	12.5	14.3	17.4	14.2	15.8
<b>22</b>	6.7	5.2	5.9	7.7	6.5	7.1	16.4	13.3	14.8	18.1	14.8	16.4
<b>23</b>	7.2	5.7	6.5	7.4	5.1	6.3	15.3	13.4	14.3	18.7	15.5	17.0
<b>24</b>	6.9	5.7	6.3	7.7	5.9	6.8	13.9	11.5	12.7	18.7	15.7	17.1
<b>25</b>	6.4	5.4	5.9	7.4	6.3	6.8	12.8	10.7	11.8	18.7	15.4	17.0
<b>26</b>	5.9	4.8	5.4	8.8	6.4	7.6	12.4	9.7	11.1	18.6	14.9	16.7
<b>27</b>	6.9	4.3	5.6	10.2	7.3	8.6	12.4	10.3	11.3	19.2	15.0	17.0
<b>28</b>	6.2	4.9	5.6	10.2	7.8	8.9	11.4	10.1	10.6	19.9	15.8	17.7
<b>29</b>	---	---	---	9.2	7.1	8.1	11.3	9.6	10.3	20.4	16.4	18.3
<b>30</b>	---	---	---	9.1	6.0	7.5	12.3	9.0	10.6	20.0	16.8	18.5
<b>31</b>	---	---	---	8.3	6.6	7.4	---	---	---	19.0	16.5	17.8
<b>Month</b>	7.2	1.9	4.5	10.2	2.8	6.4	16.4	4.8	10.1	20.4	8.8	14.4

## 11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	19.4	15.8	17.5	18.7	14.4	16.8	16.7	14.0	15.6	14.6	11.4	13.2
2	18.1	15.9	17.0	18.7	14.9	17.1	16.5	13.8	15.3	14.8	11.2	13.2
3	16.9	14.6	15.7	18.1	14.4	16.2	17.3	12.8	15.1	14.6	11.4	13.2
4	17.0	14.3	15.5	18.2	13.9	16.2	17.1	14.0	15.7	14.0	10.7	12.6
5	15.9	13.8	14.7	17.8	14.0	16.2	16.1	12.7	14.6	13.6	10.7	12.1
6	17.5	13.3	15.2	17.2	13.4	15.5	15.4	12.1	13.0	12.9	10.7	12.0
7	17.5	14.0	15.7	16.3	12.7	14.8	12.9	10.8	11.8	12.3	9.0	10.9
8	17.8	13.9	15.8	15.7	12.1	14.2	14.7	10.3	12.5	12.4	8.9	10.9
9	16.5	14.4	15.5	16.3	11.8	14.3	15.2	11.3	13.5	12.9	9.4	11.3
10	16.6	13.7	15.0	16.9	13.1	15.2	16.1	11.8	14.1	13.5	10.2	12.0
11	16.1	13.1	14.5	17.1	12.9	15.2	15.8	12.1	14.3	14.0	10.6	12.5
12	16.9	12.8	14.6	16.7	13.3	15.0	16.1	12.6	14.6	14.1	11.0	12.7
13	17.1	13.0	15.0	16.8	12.1	14.5	15.7	12.7	14.4	14.1	11.8	13.0
14	17.4	13.8	15.5	16.6	12.4	14.8	14.9	11.3	13.2	13.3	10.4	12.1
15	17.2	14.4	15.8	17.2	12.8	15.2	14.2	10.9	12.9	13.2	10.0	11.9
16	16.9	14.0	15.5	17.8	13.4	15.9	14.4	10.8	12.9	13.3	10.2	12.0
17	18.6	14.6	16.5	17.3	13.4	15.7	14.6	11.3	13.2	13.8	11.1	12.6
18	18.8	14.7	16.8	17.3	13.4	15.7	15.0	11.4	13.4	13.3	10.0	11.9
19	18.3	15.0	16.6	17.1	13.4	15.6	15.7	11.9	14.0	13.7	10.8	12.5
20	17.2	13.8	15.7	17.0	13.2	15.4	16.0	12.6	14.5	13.3	10.0	11.7
21	16.1	13.5	14.7	17.5	13.4	15.7	15.9	12.5	14.5	12.3	9.2	11.0
22	16.5	11.8	14.2	17.7	13.9	16.1	15.9	12.3	14.3	12.2	8.9	10.8
23	17.5	12.4	15.0	17.8	13.9	16.1	15.5	12.0	14.0	12.6	9.2	11.1
24	18.3	13.5	16.1	17.3	13.6	15.7	14.9	11.3	13.4	12.5	9.7	11.3
25	18.4	14.2	16.5	17.2	13.5	15.6	15.0	11.6	13.5	12.7	9.7	11.4
26	18.2	13.9	16.3	17.3	13.5	15.7	14.6	11.2	13.2	12.6	9.5	11.2
27	18.5	14.1	16.5	17.5	13.6	15.8	14.3	10.8	12.8	12.6	9.5	11.3
28	18.7	14.3	16.7	17.7	14.1	16.2	13.9	10.9	11.7	12.3	9.2	10.6
29	18.8	14.4	16.8	17.4	13.8	15.6	14.3	9.8	12.0	10.6	8.5	9.5
30	18.4	14.1	16.6	16.8	13.1	15.1	14.2	10.8	12.8	9.2	7.1	8.3
31	---	---	---	16.9	14.1	15.9	14.5	11.1	13.0	---	---	---
<b>Month</b>	19.4	11.8	15.8	18.7	11.8	15.6	17.3	9.8	13.7	14.8	7.1	11.7

	Max	Min	Mean
<b>Year</b>	20.4	0.5	9.3

## 11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	1.4	0.6	0.9	2.1	1.5	1.8	2.0	1.5	1.6	5.6	3.4	4.6
2	1.3	0.6	1.0	2.2	1.5	1.8	1.8	1.4	1.6	5.2	3.4	4.2
3	1.5	0.7	1.0	2.2	1.6	1.9	1.9	1.4	1.6	7.2	3.4	4.3
4	2.2	1.0	1.4	2.3	1.8	2.1	1.8	1.4	1.6	6.6	2.8	4.6
5	2.2	1.2	1.8	2.4	1.7	2.0	1.9	1.4	1.6	9.8	2.1	4.5
6	2.6	1.5	2.0	2.2	1.8	2.0	1.8	1.4	1.6	6.6	3.0	4.7
7	2.6	1.4	2.0	2.2	1.7	1.9	1.8	1.3	1.6	4.7	3.2	3.8
8	2.2	1.2	1.8	2.2	1.6	2.0	1.9	1.4	1.6	4.3	3.0	3.5
9	2.0	1.0	1.5	2.3	1.7	2.0	1.8	1.4	1.6	4.4	3.0	3.7
10	1.7	1.1	1.4	2.1	1.6	1.8	2.1	1.5	1.7	4.2	2.9	3.3
11	1.6	1.1	1.3	2.1	1.6	1.8	2.0	1.4	1.7	3.4	2.3	2.9
12	1.8	1.0	1.3	2.1	1.6	1.9	2.2	1.5	1.8	2.8	2.1	2.5
13	1.8	1.0	1.4	2.3	1.7	2.0	2.5	1.6	2.1	2.8	2.0	2.4
14	1.7	1.0	1.3	2.3	1.8	2.0	3.2	1.8	2.3	2.6	1.9	2.3
15	1.7	1.2	1.4	2.3	1.8	2.0	7.1	1.9	3.0	2.5	1.7	2.2
16	1.7	1.1	1.4	2.4	1.6	2.1	3.8	1.5	2.3	2.5	1.7	2.0
17	1.9	1.1	1.5	2.2	1.6	1.9	3.3	1.6	2.2	2.7	1.5	1.9
18	2.0	1.3	1.6	2.0	1.5	1.8	4.0	2.1	2.7	2.7	1.5	1.9
19	2.1	1.2	1.7	2.1	1.6	1.8	3.9	1.9	2.7	3.0	1.5	1.9
20	2.0	1.3	1.6	2.0	1.6	1.8	4.2	1.9	2.6	3.1	1.6	2.1
21	1.8	1.3	1.6	2.2	1.6	1.8	5.3	1.9	3.0	2.4	1.6	2.1
22	1.8	1.3	1.6	2.0	1.6	1.8	3.8	2.0	2.9	2.2	1.4	1.8
23	1.9	1.3	1.6	2.0	1.5	1.7	3.9	1.9	2.7	2.2	1.4	1.8
24	2.2	1.3	1.6	2.1	1.4	1.7	4.0	2.3	3.1	2.5	1.6	2.0
25	2.0	1.4	1.7	1.9	1.5	1.6	4.0	2.1	2.8	2.4	1.6	2.1
26	2.2	1.4	1.7	1.9	1.4	1.6	4.0	1.9	2.5	2.5	1.8	2.2
27	1.9	1.4	1.6	2.0	1.4	1.6	4.5	2.3	3.1	2.6	1.8	2.2
28	1.8	1.4	1.6	2.0	1.4	1.6	5.7	2.3	3.7	2.6	1.7	2.0
29	1.9	1.5	1.7	1.9	1.4	1.6	7.5	3.3	5.0	2.3	1.5	1.9
30	2.0	1.4	1.7	1.9	1.5	1.6	8.7	3.5	4.5	2.3	1.6	2.0
31	2.0	1.6	1.8	---	---	---	9.2	3.5	4.7	2.3	1.5	1.9
<b>Max</b>	2.6	1.6	2.0	2.4	1.8	2.1	9.2	3.5	5.0	9.8	3.4	4.7
<b>Min</b>	1.3	0.6	0.9	1.9	1.4	1.6	1.8	1.3	1.6	2.2	1.4	1.8

## 11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	2.1	1.4	1.7	11	8.2	9.6	16	11	13	7.3	6.1	6.8
2	2.0	1.4	1.6	9.3	6.9	8.1	13	8.6	10	6.8	5.8	6.3
3	1.9	1.3	1.6	13	7.0	9.5	12	8.3	9.8	6.9	5.8	6.3
4	1.9	1.2	1.6	38	12	22	12	8.6	10	7.7	6.1	6.9
5	2.0	1.3	1.6	50	38	46	10	7.9	9.0	11	7.2	8.5
6	2.0	1.4	1.7	51	30	40	12	9.4	11	13	10	12
7	2.0	1.4	1.8	30	18	22	10	6.7	7.6	15	12	13
8	2.2	1.5	1.9	19	12	16	7.3	5.8	6.4	15	13	14
9	2.4	1.5	1.9	13	9.2	11	7.0	5.8	6.2	16	14	15
10	2.3	1.7	2.0	9.6	7.1	8.3	7.8	6.1	6.6	16	14	15
11	2.3	1.7	2.0	7.7	5.6	6.4	12	7.0	9.1	15	12	13
12	2.3	1.9	2.1	6.1	4.9	5.4	36	11	20	13	10	11
13	2.4	2.0	2.2	5.3	4.3	4.7	40	26	35	11	8.8	9.7
14	2.5	2.0	2.2	4.7	3.9	4.2	26	20	22	9.7	7.9	8.6
15	2.3	1.9	2.1	5.8	3.7	4.1	20	14	18	9.6	7.4	8.2
16	2.1	1.6	1.9	4.5	3.8	4.1	15	11	13	8.5	7.2	7.7
17	2.1	1.6	1.8	5.7	4.2	4.9	12	9.8	11	8.2	7.1	7.6
18	2.0	1.6	1.8	12	5.1	7.0	11	8.9	10	8.2	6.9	7.6
19	2.0	1.5	1.7	26	12	17	9.5	8.2	8.8	8.1	6.6	7.3
20	1.9	1.5	1.6	31	23	28	8.7	7.9	8.3	7.7	6.2	6.8
21	1.9	1.5	1.7	26	19	23	8.8	7.8	8.2	7.3	6.0	6.5
22	2.0	1.5	1.7	21	15	18	9.0	7.9	8.3	7.0	6.0	6.4
23	2.9	1.9	2.3	17	14	15	9.3	8.4	8.8	7.0	5.8	6.4
24	6.3	2.7	4.4	16	13	14	10	8.8	9.7	7.0	5.7	6.1
25	11	6.2	8.4	15	13	14	12	10	11	6.6	5.5	5.9
26	17	10	13	14	12	13	14	11	12	6.4	5.2	5.6
27	17	12	14	13	10	11	12	9.2	11	5.9	5.1	5.5
28	13	11	12	17	11	15	10	8.0	9.1	9.7	5.0	5.5
29	---	---	---	15	10	13	8.8	7.3	8.0	6.5	5.0	5.3
30	---	---	---	11	8.8	9.7	7.9	6.7	7.2	5.5	4.6	5.0
31	---	---	---	13	8.9	11	---	---	---	5.5	4.5	5.0
<b>Max</b>	17	12	14	51	38	46	40	26	35	16	14	15
<b>Min</b>	1.9	1.2	1.6	4.5	3.7	4.1	7.0	5.8	6.2	5.5	4.5	5.0

## 11502500 WILLIAMSON RIVER BELOW SPRAGUE RIVER, NEAR CHILOQUIN, OR—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	5.4	4.4	4.9	2.2	1.4	1.6	1.8	1.0	1.3	1.9	1.2	1.5
2	8.7	4.5	5.1	2.5	1.4	1.6	1.7	1.0	1.3	1.9	1.3	1.6
3	6.3	4.8	5.3	1.8	1.1	1.4	1.9	1.0	1.4	1.9	1.3	1.6
4	5.9	4.6	5.1	1.6	1.0	1.3	1.8	1.1	1.4	1.9	1.1	1.4
5	6.8	4.8	5.2	1.6	1.1	1.3	1.8	1.0	1.4	1.9	1.2	1.4
6	6.4	5.5	5.9	1.5	1.0	1.2	1.5	0.9	1.1	1.7	1.2	1.4
7	6.2	5.3	5.6	1.7	1.0	1.2	1.4	0.9	1.1	1.7	1.2	1.4
8	6.2	4.7	5.2	1.7	0.9	1.2	1.8	1.0	1.3	1.8	1.1	1.4
9	5.4	4.4	5.0	1.4	0.9	1.1	1.7	1.0	1.4	1.7	1.1	1.4
10	5.0	3.8	4.2	1.5	0.9	1.1	1.8	1.3	1.5	1.7	1.2	1.4
11	4.2	3.5	3.8	1.5	0.9	1.1	2.1	1.3	1.6	1.8	1.2	1.5
12	4.2	3.4	3.7	1.5	1.0	1.1	1.9	1.2	1.5	1.8	1.3	1.5
13	4.4	3.3	3.7	1.4	0.9	1.1	1.8	1.0	1.4	1.9	1.2	1.5
14	4.7	3.5	3.8	1.5	0.8	1.0	1.7	0.9	1.3	1.9	1.3	1.6
15	4.4	3.7	4.0	1.4	0.9	1.1	1.5	0.9	1.2	1.8	1.2	1.6
16	4.4	3.7	4.1	1.6	0.9	1.1	1.5	0.9	1.2	1.8	1.2	1.6
17	4.6	3.4	3.9	1.5	0.9	1.1	1.6	0.9	1.2	1.9	1.3	1.6
18	4.7	3.2	3.4	2.0	0.8	1.0	1.6	0.8	1.2	2.0	1.3	1.6
19	3.6	2.8	3.1	1.4	0.8	1.0	1.6	1.1	1.3	2.1	1.5	1.8
20	4.3	2.7	2.9	1.3	0.8	1.1	1.8	1.0	1.4	2.0	1.4	1.7
21	3.1	2.5	2.8	1.4	0.9	1.1	1.7	1.1	1.4	1.9	1.3	1.6
22	3.2	2.4	2.6	1.4	0.9	1.1	1.8	1.2	1.4	1.9	1.3	1.6
23	3.0	2.4	2.6	1.7	1.0	1.2	1.8	1.1	1.4	2.0	1.4	1.7
24	3.0	2.6	2.8	1.7	0.9	1.2	1.7	1.0	1.3	2.0	1.4	1.7
25	3.2	2.4	2.7	1.4	0.9	1.1	1.8	1.1	1.4	2.0	1.4	1.6
26	2.8	2.1	2.3	1.5	0.9	1.2	1.7	1.0	1.3	2.0	1.4	1.8
27	3.5	1.8	2.1	1.7	0.9	1.1	1.6	1.0	1.3	2.1	1.5	1.7
28	2.3	1.7	2.0	1.6	0.9	1.2	1.7	1.0	1.3	2.1	1.6	1.8
29	2.3	1.6	1.9	1.6	0.9	1.2	1.5	1.1	1.3	2.0	1.5	1.7
30	2.1	1.4	1.6	1.7	1.0	1.2	1.6	1.0	1.3	1.8	1.4	1.6
31	---	---	---	1.7	1.0	1.3	1.9	1.1	1.4	---	---	---
<b>Max</b>	8.7	5.5	5.9	2.5	1.4	1.6	2.1	1.3	1.6	2.1	1.6	1.8
<b>Min</b>	2.1	1.4	1.6	1.3	0.8	1.0	1.4	0.8	1.1	1.7	1.1	1.4

	Max	Min	Median
<b>Year</b>			
<b>Maximum</b>	51	38	46
<b>Year</b>			
<b>Minimum</b>	1.3	0.6	0.9