

Water-Data Report 2013

**14208700 OAK GROVE FORK NEAR GOVERNMENT CAMP, OR**

Willamette Basin  
Clackamas Subbasin

LOCATION.--Lat 45°06'50", long 121°48'50" referenced to North American Datum of 1927, in NE ¼ sec.27, T.5 S., R.8 E., Clackamas County, OR, Hydrologic Unit 17090011, Mount Hood National Forest, on right bank, 0.1 mi upstream from Anvil Creek, 0.3 mi downstream from Timothy Lake, 14 mi south of Government Camp and at mile 15.5.

DRAINAGE AREA.--54.40 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--July 1956 to current year.

GAGE.--Water-stage recorder and artificial control. Datum of gage is 3,041.83 ft above NGVD of 1929 (Portland General Electric Co. bench mark).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Timothy Lake (station 14208600). No diversion upstream from station.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--57 years (water years 1957-2013), 133 ft<sup>3</sup>/s, 33.24 in/yr, 96,460 acre-ft/yr, adjusted for storage (data provided by Portland General Electric Co.).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,110 ft<sup>3</sup>/s Dec. 24, 1964, gage height, 3.93 ft, from rating curve extended above 290 ft<sup>3</sup>/s on basis of slope-area measurement of peak flow; minimum discharge, 3.7 ft<sup>3</sup>/s Sept. 23, 1968.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 272 ft<sup>3</sup>/s Oct. 1-4, gage height, 2.34 ft; minimum discharge, 76 ft<sup>3</sup>/s July 12.

## 14208700 OAK GROVE FORK NEAR GOVERNMENT CAMP, OR—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	272	156	158	219	143	107	82	105	107	102	86	88
2	271	176	161	219	138	107	82	104	107	101	87	88
3	272	176	161	219	128	109	82	106	107	99	88	121
4	244	176	169	219	128	109	83	106	107	98	88	133
5	205	176	173	219	128	100	84	107	103	94	88	133
6	175	174	173	219	128	95	86	132	101	93	88	133
7	181	160	175	220	128	95	96	160	101	92	88	133
8	192	164	176	222	123	95	93	167	100	91	88	140
9	200	161	176	222	115	94	93	161	100	91	89	144
10	200	159	176	222	107	93	93	128	100	91	94	144
11	179	156	167	217	107	90	93	115	100	91	106	144
12	150	155	167	216	107	80	92	115	101	86	105	144
13	158	155	184	216	107	80	92	115	100	80	94	142
14	158	152	188	216	107	81	133	115	100	82	92	142
15	158	150	188	216	107	82	153	115	100	86	91	144
16	156	149	200	212	107	82	159	105	100	86	91	144
17	140	147	199	194	107	85	158	99	100	86	91	144
18	113	146	194	169	107	86	158	97	100	86	91	144
19	104	148	194	142	107	85	166	88	100	85	91	144
20	104	155	198	128	107	85	216	88	100	80	91	144
21	104	158	199	125	105	86	233	88	100	83	91	144
22	104	158	207	125	105	84	246	88	100	87	91	144
23	104	158	206	120	104	84	213	88	101	86	93	145
24	104	161	204	117	123	84	191	100	100	86	95	146
25	104	161	201	120	131	84	160	107	100	86	100	145
26	115	160	191	120	131	84	115	107	103	86	94	143
27	125	158	200	118	115	84	104	107	104	86	93	137
28	101	158	203	117	107	84	104	107	103	85	91	148
29	101	155	203	135	---	84	105	107	102	80	88	165
30	105	155	208	144	---	83	105	107	102	84	88	155
31	147	---	219	145	---	82	---	107	---	86	88	---
<b>Total</b>	4,846	4,773	5,818	5,512	3,257	2,763	3,870	3,441	3,049	2,735	2,839	4,165
<b>Mean</b>	156	159	188	178	116	89.1	129	111	102	88.2	91.6	139
<b>Max</b>	272	176	219	222	143	109	246	167	107	102	106	165
<b>Min</b>	101	146	158	117	104	80	82	88	100	80	86	88
<b>Ac-ft</b>	9,610	9,470	11,540	10,930	6,460	5,480	7,680	6,830	6,050	5,420	5,630	8,260
<b>Mean adjusted for change in contents, in Timothy Lake</b>	111	138	179	129	123	149	245	165	109	80.2	79.4	95.6
<b>CFSM adjusted for change in contents, in Timothy Lake</b>	2.04	2.53	3.29	2.36	2.26	2.74	4.50	3.03	2.01	1.47	1.46	1.76
<b>In. adjusted for change in contents, in Timothy Lake</b>	2.35	2.82	3.79	2.73	2.36	3.16	5.03	3.50	2.24	1.70	1.68	1.96
<b>Ac-ft adjusted for change in contents, in Timothy Lake</b>	6,820	8,190	10,990	7,910	6,840	9,170	14,580	10,140	6,510	4,930	4,880	5,690

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	Calendar Year 2012	Water Year 2013
<b>Total</b>	65,887	47,068
<b>Mean</b>	180	129
<b>Max</b>	292	272
<b>Min</b>	90	80
<b>Ac-ft</b>	130,700	93,360
<b>Mean adjusted for change in contents, in Timothy Lake</b>	182	133
<b>CFSM adjusted for change in contents, in Timothy Lake</b>	3.35	2.45
<b>In. adjusted for change in contents, in Timothy Lake</b>	45.43	33.32
<b>Ac-ft adjusted for change in contents, in Timothy Lake</b>	131,800	96,650

