

Water-Data Report 2011

09507480 FOSSIL CREEK NEAR STRAWBERRY, AZ

Verde Basin
Lower Verde Subbasin

LOCATION.--Lat 34°23'39.5", long 111°37'48" referenced to North American Datum of 1983, in SE ¼ NW ¼ SE ¼ sec.29, T.12 N., R.7 E., Gila County, AZ, Hydrologic Unit 15060203, on the downstream side of bridge on Forest Service road 708, 17 miles southeast of Camp Verde, Az. (Verde Hot Springs 7½ minute topo quad.)

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--September 2010 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3,600 feet.

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 885 ft³/s, February 19, 2011, gage height, 4.43 ft; minimum daily discharge, 39 ft³/s August 6, 2011

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 885 ft³/s, Feb. 19, gage height, 4.43 ft; minimum daily discharge, 39 ft³/s, Aug. 6.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	41	41	41	43	44	195	43	43	42	41	40	41
2	41	41	41	43	44	128	43	43	42	41	40	41
3	41	41	41	43	44	83	43	43	42	41	40	41
4	41	41	41	43	44	86	42	e43	42	41	40	41
5	42	41	41	43	44	62	42	e43	42	41	40	41
6	41	41	41	43	44	54	43	e43	42	41	39	41
7	41	41	41	43	44	52	43	e43	42	41	40	41
8	41	41	42	44	44	61	43	e43	e42	41	40	41
9	41	41	42	45	44	51	44	e43	e42	41	40	41
10	41	41	42	45	44	48	43	43	e42	42	40	41
11	41	41	42	44	44	47	43	43	e42	41	40	42
12	41	41	42	44	44	46	43	43	e42	41	40	43
13	41	41	42	46	44	45	43	43	e42	41	40	45
14	41	40	42	47	44	44	43	42	e42	41	40	42
15	41	40	42	47	44	44	43	42	e42	41	40	42
16	41	40	43	46	44	44	43	42	42	41	40	42
17	41	40	43	46	44	44	43	42	42	41	40	42
18	41	40	43	47	44	43	43	43	42	41	40	42
19	41	40	42	48	145	43	43	43	42	41	40	42
20	41	40	42	48	175	e43	43	42	42	42	40	42
21	41	41	43	46	92	e44	43	42	42	42	40	42
22	41	41	43	45	133	44	43	42	42	41	40	42
23	41	41	49	45	131	43	43	42	41	41	41	42
24	41	41	48	45	95	44	43	42	41	41	41	42
25	42	41	44	44	64	46	43	42	41	41	41	42
26	42	41	43	44	54	46	43	42	41	41	41	42
27	41	41	43	44	52	45	43	42	41	41	41	42
28	41	41	43	44	58	44	43	42	41	41	40	42
29	41	41	44	44	---	44	43	42	41	41	40	43
30	42	41	45	44	---	43	43	42	41	40	40	43
31	42	---	43	44	---	43	---	42	---	40	40	---
Total	1,276	1,223	1,324	1,387	1,791	1,749	1,289	1,317	1,252	1,272	1,244	1,256
Mean	41.2	40.8	42.7	44.7	64.0	56.4	43.0	42.5	41.7	41.0	40.1	41.9
Max	42	41	49	48	175	195	44	43	42	42	41	45
Min	41	40	41	43	44	43	42	42	41	40	39	41
Med	41	41	42	44	44	45	43	42	42	41	40	42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2010 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	41.2	40.8	42.7	44.7	64.0	56.4	43.0	42.5	41.7	41.0	40.1	41.9
Max	41.2	40.8	42.7	44.7	64.0	56.4	43.0	42.5	41.7	41.0	40.1	41.9
(WY)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)
Min	41.2	40.8	42.7	44.7	64.0	56.4	43.0	42.5	41.7	41.0	40.1	41.9
(WY)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)

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SUMMARY STATISTICS

	Water Year 2011		Water Years 2010 - 2011	
Annual total	16,380			
Annual mean	44.9		44.9	
Highest annual mean			44.9 2011	
Lowest annual mean			44.9 2011	
Highest daily mean	195	Mar 1	195	Mar 1, 2011
Lowest daily mean	39	Aug 6	39	Aug 6, 2011
Annual seven-day minimum	40	Jul 31	40	Jul 31, 2011
10 percent exceeds	45		45	
50 percent exceeds	42		42	
90 percent exceeds	41		41	

