



Water-Data Report 2013

08156910 Waller Creek at Koenig Lane, Austin, TX

Middle Colorado-Llano Basin
Austin-Travis Lakes Subbasin

LOCATION.--Lat 30°19'22", long 97°43'22" referenced to North American Datum of 1983, Travis County, TX, Hydrologic Unit 12090205, on the right downstream side of Koenig Lane, 1 block east of Guadalupe Avenue and 3.5 miles north of the State Capitol building.

DRAINAGE AREA.--1.09 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 2007 to current year.

GAGE.--Water-stage recorder. Datum of gage is 643 ft above NAVD of 1988. Satellite telemeter at station.

REMARKS.--Records poor. No known regulation or diversions. No flow at times. Some records listed in the "Period of Record" for surface water may not be available electronically.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 150 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 2	1815	290	3.78
May 10	2015	225	3.58
May 24	1545	331	4.19
Jul 17	1700	257	3.83
Jul 27	0020	372	4.37
Sep 20	1410	327	3.98
Sep 28	1720	254	3.57
Sep 29	0040	*546	*4.98

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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	0.04	0.03	0.01	0.05	0.02	0.08	0.08	0.08	0.13	0.03	0.01	0.01
2	0.03	0.02	0.01	0.00	0.02	0.09	14	0.07	0.11	0.02	0.01	0.01
3	0.03	0.01	0.01	0.00	0.02	0.09	6.5	0.07	0.06	0.02	0.01	0.01
4	0.03	0.01	0.01	0.04	0.03	0.09	0.17	0.08	0.05	0.03	0.01	0.02
5	0.04	0.01	0.01	0.00	0.03	0.11	0.13	0.08	0.04	0.03	0.02	0.01
6	0.04	0.01	0.01	0.00	0.07	0.04	0.11	0.09	0.03	0.02	0.01	0.01
7	0.03	0.01	0.01	0.00	0.03	0.04	0.11	0.10	0.03	0.07	0.01	0.01
8	0.03	0.01	0.00	0.72	0.03	0.25	0.11	0.12	0.04	0.19	0.01	0.01
9	0.03	0.01	0.00	21	0.03	0.05	0.11	0.15	0.63	0.03	0.01	0.01
10	0.04	0.01	0.00	0.15	0.32	14	0.61	10	0.05	0.02	0.01	0.09
11	2.0	0.01	0.00	0.07	0.04	0.06	0.33	0.27	0.03	0.02	0.01	0.01
12	0.05	0.01	0.00	0.06	0.04	0.05	0.10	0.07	0.03	0.02	0.01	0.01
13	1.1	0.01	0.00	0.03	0.03	0.05	0.09	0.06	0.03	0.02	0.01	0.01
14	0.86	0.01	0.00	0.03	0.03	0.05	0.09	0.06	0.03	0.02	0.01	0.85
15	0.04	0.01	0.00	0.03	0.03	0.05	0.09	0.16	0.03	3.0	0.14	0.11
16	0.13	0.01	0.00	0.03	0.04	0.05	0.09	0.12	0.04	0.16	0.02	1.3
17	0.04	0.01	0.00	0.03	0.03	0.05	0.09	0.06	0.03	11	0.01	0.16
18	0.03	0.01	0.00	0.03	0.03	0.05	1.3	0.07	1.8	0.12	0.01	0.02
19	0.02	0.01	0.00	0.03	0.04	0.05	0.09	0.08	0.03	0.05	0.01	0.18
20	0.02	0.01	0.00	0.03	0.04	0.57	0.08	0.09	0.02	1.7	0.01	23
21	0.02	0.01	0.01	0.03	0.06	0.06	0.08	0.06	0.02	0.10	0.01	0.11
22	0.02	0.01	0.00	0.03	0.04	0.06	0.08	0.06	0.02	0.05	0.01	0.03
23	0.03	0.01	0.00	0.03	0.05	0.06	0.08	0.05	0.03	0.04	0.01	0.02
24	0.02	0.01	0.00	0.03	0.05	0.05	0.06	17	0.03	0.03	0.01	0.02
25	0.05	0.01	0.00	0.03	0.06	0.07	0.07	2.3	0.04	0.04	0.01	0.02
26	0.01	0.01	0.00	0.03	0.07	0.08	0.07	1.7	0.07	0.32	0.01	0.03
27	0.02	0.01	0.00	0.03	0.07	0.08	0.07	0.12	0.07	11	0.01	0.05
28	0.01	0.01	0.00	0.03	0.08	0.09	0.07	0.09	0.06	0.05	0.01	13
29	0.01	0.01	0.00	0.03	---	0.08	0.06	0.08	0.02	0.02	0.01	36
30	0.02	0.01	0.00	0.02	---	0.08	0.07	0.07	1.5	0.02	0.01	0.20
31	0.05	---	0.00	0.02	---	0.08	---	0.67	---	0.02	0.01	---
Total	4.89	0.33	0.08	22.64	1.43	16.66	24.99	34.08	5.10	28.26	0.46	75.32
Mean	0.16	0.01	0.00	0.73	0.05	0.54	0.83	1.10	0.17	0.91	0.01	2.51
Max	2.0	0.03	0.01	21	0.32	14	14	17	1.8	11	0.14	36
Min	0.01	0.01	0.00	0.00	0.02	0.04	0.06	0.05	0.02	0.02	0.01	0.01
Ac-ft	9.7	0.7	0.2	45	2.8	33	50	68	10	56	0.9	149

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2007 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.57	0.29	0.39	0.79	0.57	0.95	0.60	0.85	0.42	0.48	0.24	1.59
Max	2.38	0.88	1.19	1.80	1.34	1.80	1.10	1.53	1.50	1.08	0.63	3.45
(WY)	(2010)	(2010)	(2012)	(2012)	(2010)	(2012)	(2008)	(2012)	(2010)	(2010)	(2012)	(2010)
Min	0.03	0.01	0.00	0.08	0.05	0.09	0.07	0.38	0.03	0.00	0.01	0.00
(WY)	(2011)	(2013)	(2013)	(2009)	(2013)	(2011)	(2012)	(2008)	(2012)	(2009)	(2013)	(2008)

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SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 2007 - 2013	
Annual total	288.77		214.24			
Annual mean	0.79		0.59		0.64	
Highest annual mean					1.32	2010
Lowest annual mean					0.23	2011
Highest daily mean	39	Jan 25	36	Sep 29	74	Sep 7, 2010
Lowest daily mean	0.00	Apr 29	0.00	Dec 8	0.00	Oct 19, 2007
Annual seven-day minimum	0.00	Dec 8	0.00	Dec 8	0.00	Nov 15, 2007
Maximum peak flow			546	Sep 29	546	Sep 29, 2013
Maximum peak stage			4.98	Sep 29	4.98	Sep 29, 2013
Annual runoff (ac-ft)	573		425		465	
10 percent exceeds	0.49		0.17		0.70	
50 percent exceeds	0.04		0.03		0.05	
90 percent exceeds	0.01		0.01		0.00	

