Water-Data Report 2013

412522112053901 (B- 8- 2)17cdc Bear River Wetland Unit5C Outflow

Great Salt Lake Basin
Great Salt Lake Subbasin

LOCATION.--Lat 41°25'22.3", long 112°05'39.3" referenced to North American Datum of 1983, in SW ¼ SE ¼ SW ¼ sec.17, T.8 N., R.2 W., Box Elder County, UT, Hydrologic Unit 16020310, on Bear River Migratory Bird Refuge south dike, 3 mi west-northwest of Willard.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 2011 to April 2013 (discontinued).

GAGE.--Water-stage recorder and variable concrete and wood control. Elevation of gage is 4,208 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,540 ft^3/s, Jun 6, 2011, gage height, 4.81 ft; maximum gage height, 6.25 ft, Sep 26, 2011; minimum daily discharge, 0.0 ft^3/s, several days in most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 326 ft^3/s, Mar 21, gage height, 4.80 ft; maximum gage height 5.17 ft, Nov 6; minimum daily discharge, 0.0 ft^3/s on many days.

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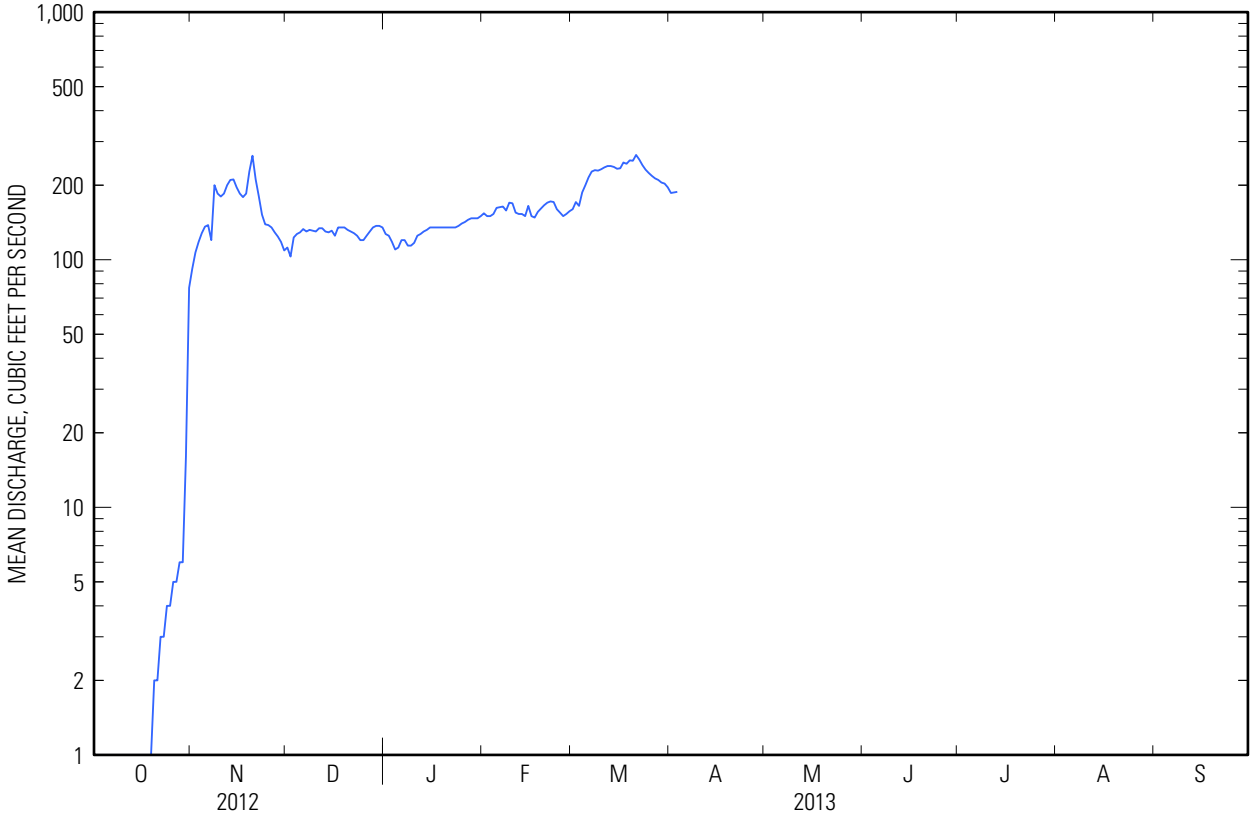
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	92	112	127	154	e160	186	---	---	---	---	---
2	0.00	107	103	125	e150	171	187	---	---	---	---	---
3	0.00	118	123	118	e150	e165	e188	---	---	---	---	---
4	0.00	128	127	110	e153	187	---	---	---	---	---	---
5	0.00	136	129	112	162	200	---	---	---	---	---	---
6	0.00	138	133	e120	163	215	---	---	---	---	---	---
7	0.00	120	130	e120	164	227	---	---	---	---	---	---
8	0.00	e200	132	114	e158	230	---	---	---	---	---	---
9	0.00	e185	131	114	170	229	---	---	---	---	---	---
10	0.00	e180	130	117	169	232	---	---	---	---	---	---
11	0.00	e185	134	e125	e155	236	---	---	---	---	---	---
12	0.00	e200	134	e127	e153	239	---	---	---	---	---	---
13	0.00	e210	130	e130	e153	239	---	---	---	---	---	---
14	0.00	211	129	e132	e150	237	---	---	---	---	---	---
15	0.00	196	131	e135	165	233	---	---	---	---	---	---
16	0.00	185	125	e135	e150	234	---	---	---	---	---	---
17	0.00	179	e135	e135	e148	247	---	---	---	---	---	---
18	e1.0	185	e135	e135	156	244	---	---	---	---	---	---
19	e1.0	227	e135	e135	161	252	---	---	---	---	---	---
20	e2.0	263	e132	e135	166	251	---	---	---	---	---	---
21	e2.0	211	e130	e135	170	265	---	---	---	---	---	---
22	e3.0	180	e128	e135	172	254	---	---	---	---	---	---
23	e3.0	152	e125	e135	171	241	---	---	---	---	---	---
24	e4.0	139	e120	e137	e160	231	---	---	---	---	---	---
25	e4.0	138	e120	e140	e155	224	---	---	---	---	---	---
26	e5.0	135	e125	e142	e150	218	---	---	---	---	---	---
27	e5.0	129	e130	e145	e153	213	---	---	---	---	---	---
28	e6.0	124	e135	147	e157	210	---	---	---	---	---	---
29	e6.0	118	e137	147	---	205	---	---	---	---	---	---
30	e16	109	e137	147	---	203	---	---	---	---	---	---
31	77	---	e135	150	---	196	---	---	---	---	---	---
Total	135.00	4,880	3,992	4,061	4,438	6,888	---	---	---	---	---	---
Mean	4.35	163	129	131	158	222	---	---	---	---	---	---
Max	77	263	137	150	172	265	---	---	---	---	---	---
Min	0.00	92	103	110	148	160	---	---	---	---	---	---

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