02079241 ISLAND CREEK RESERVOIR NEAR CLARKSVILLE, VA

Roanoke Basin
Middle Roanoke Subbasin

LOCATION.--Lat 36°32′56″, long 78°28′00″ referenced to North American Datum of 1927, Mecklenburg County, VA, Hydrologic Unit 03010102, at Island Creek Dam pump station on State Highway 825, 7.2 mi southeast of Clarkesville.

DRAINAGE AREA.--67.7 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 2004 to current year.

REVISED RECORDS.--WDR VA-11-1: 2010.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Sept. 21, 2010 to Dec. 15, 2011, datum of gage was NAVD of 1988. Prior to Sept. 21, 2010, datum of gage was NGVD of 1929.

REMARKS.--Records good except for period Oct. 1 to Dec. 15, which is fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 270.98 ft, Nov. 13, 2009; minimum elevation, 254.07 ft, Oct. 26, 2010.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 261.13 ft, Mar. 26; minimum elevation, 256.91 ft, Oct. 1.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 02079241, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/02079241.2012.pdf

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ELEVATION OF RESERVOIR WATER SURFACE ABOVE DATUM, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	256.95	257.12	257.23	258.11	258.47	258.44	258.45	258.12	258.30	257.85	257.97	258.06
2	256.96	257.17	257.29	258.23	258.07	258.09	258.10	258.15	258.41	257.83	257.95	258.06
3	256.98	257.21	257.40	258.32	258.09	258.23	258.15	258.24	258.45	257.81	257.93	258.13
4	257.01	257.83	257.49	258.41	258.19	258.36	258.28	258.33	258.48	257.79	257.91	258.15
5	---	259.34	257.57	258.50	258.34	258.11	258.39	258.49	258.50	257.76	257.89	258.17
6	---	258.02	257.31	258.06	258.49	258.26	258.48	258.12	258.04	257.74	257.87	258.19
7	257.02	257.18	257.14	258.06	258.08	258.44	258.12	258.20	257.98	257.72	257.90	258.21
8	257.01	257.26	257.55	258.14	258.11	258.08	258.14	258.32	258.00	257.70	257.89	258.21
9	257.01	257.34	257.59	258.23	258.23	258.16	258.21	258.41	258.01	257.71	257.90	258.22
10	257.01	257.40	257.23	258.32	258.34	258.34	258.27	258.15	258.02	257.97	257.89	258.20
11	257.00	257.43	257.32	258.42	258.43	258.50	258.32	258.24	258.02	258.18	257.92	258.19
12	257.06	257.47	257.46	258.08	258.04	258.08	258.37	258.34	258.04	258.21	258.04	258.15
13	257.11	257.50	257.57	258.16	258.06	258.11	258.42	258.41	258.09	258.21	258.06	258.13
14	257.09	257.53	257.19	258.31	258.14	258.25	258.42	258.50	258.09	258.20	258.11	258.12
15	257.06	257.56	---	258.43	258.22	258.37	258.46	258.10	258.09	258.20	258.10	258.11
16	257.05	257.60	---	258.08	258.30	258.50	258.51	258.31	258.06	258.19	258.08	258.10
17	257.05	257.19	258.30	258.08	258.38	258.08	258.08	258.57	258.06	258.18	258.07	258.10
18	257.05	257.26	258.45	258.16	258.46	258.09	258.05	258.21	258.05	258.16	258.05	258.37
19	257.20	257.44	258.07	258.24	258.07	258.22	258.09	258.03	258.05	258.11	258.12	258.64
20	257.34	257.56	258.10	258.33	258.19	258.36	258.13	258.11	258.06	258.09	258.54	258.13
21	257.41	257.21	258.24	258.39	258.56	258.73	258.17	258.20	258.04	258.09	258.08	258.18
22	257.47	257.17	258.54	258.01	258.38	258.67	258.28	258.26	258.02	258.08	258.01	258.24
23	257.51	257.25	258.56	258.12	258.09	258.19	258.49	258.35	258.01	258.08	258.01	258.28
24	257.53	257.30	258.27	258.23	258.33	258.65	258.15	258.46	258.00	258.08	258.01	258.30
25	257.53	257.34	258.13	258.32	258.13	260.30	258.17	258.08	257.98	258.06	258.06	258.31
26	257.54	257.38	258.34	258.41	258.35	260.74	258.44	258.07	257.95	258.04	258.10	258.31
27	257.55	257.42	258.51	258.12	258.30	260.30	258.47	258.12	257.93	258.02	258.11	258.31
28	257.50	257.47	258.16	258.02	258.08	259.60	258.27	258.17	257.91	258.02	258.16	258.31
29	257.58	257.62	258.30	258.18	258.24	258.78	258.39	258.20	257.89	258.03	258.07	258.33
30	257.19	257.56	258.50	258.31	---	258.14	258.51	258.22	257.88	258.00	258.06	258.35
31	257.19	---	258.09	258.42	---	258.27	---	258.25	---	257.98	258.06	---

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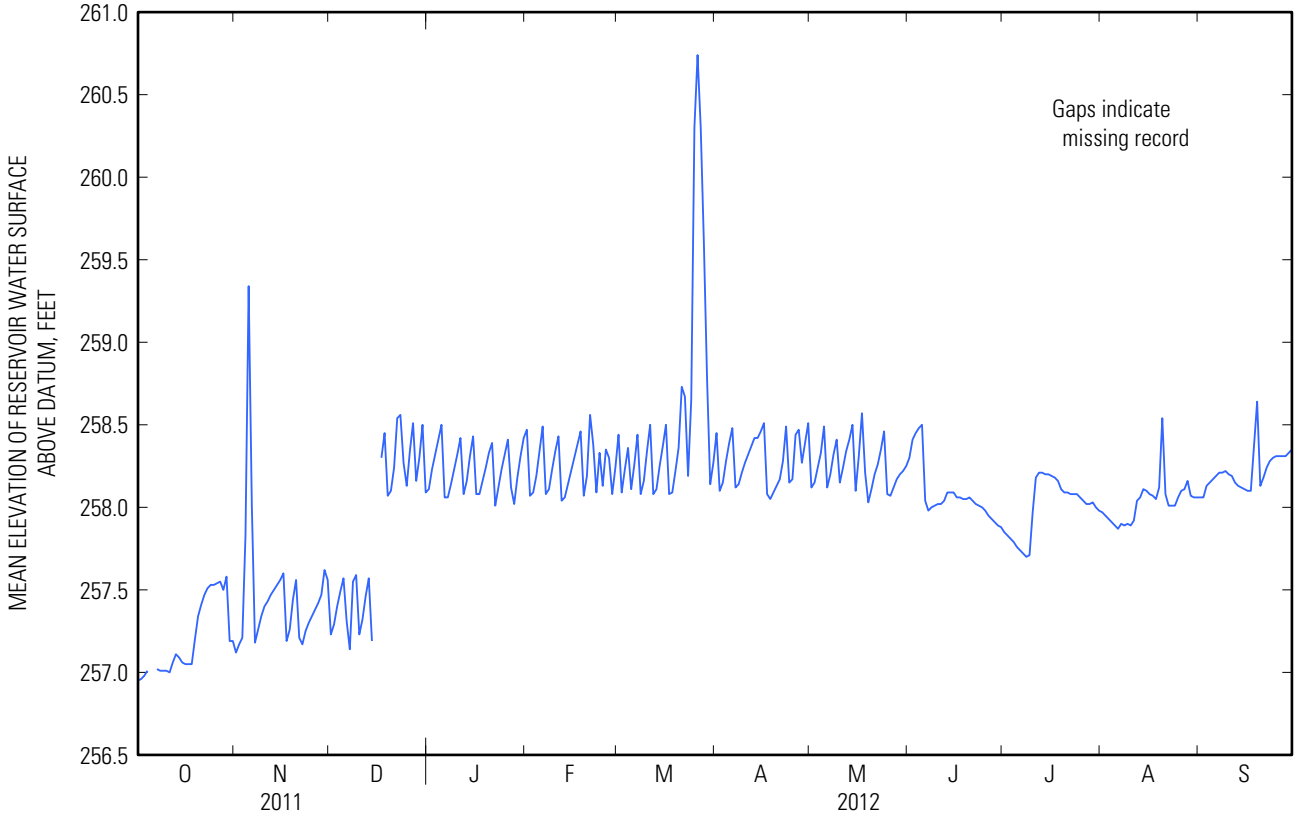

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CLIMATOLOGICAL RECORDS

PERIOD OF RECORD.--January 2007 to current year. Unpublished records available January 2007 to September 2009 in files of the USGS.

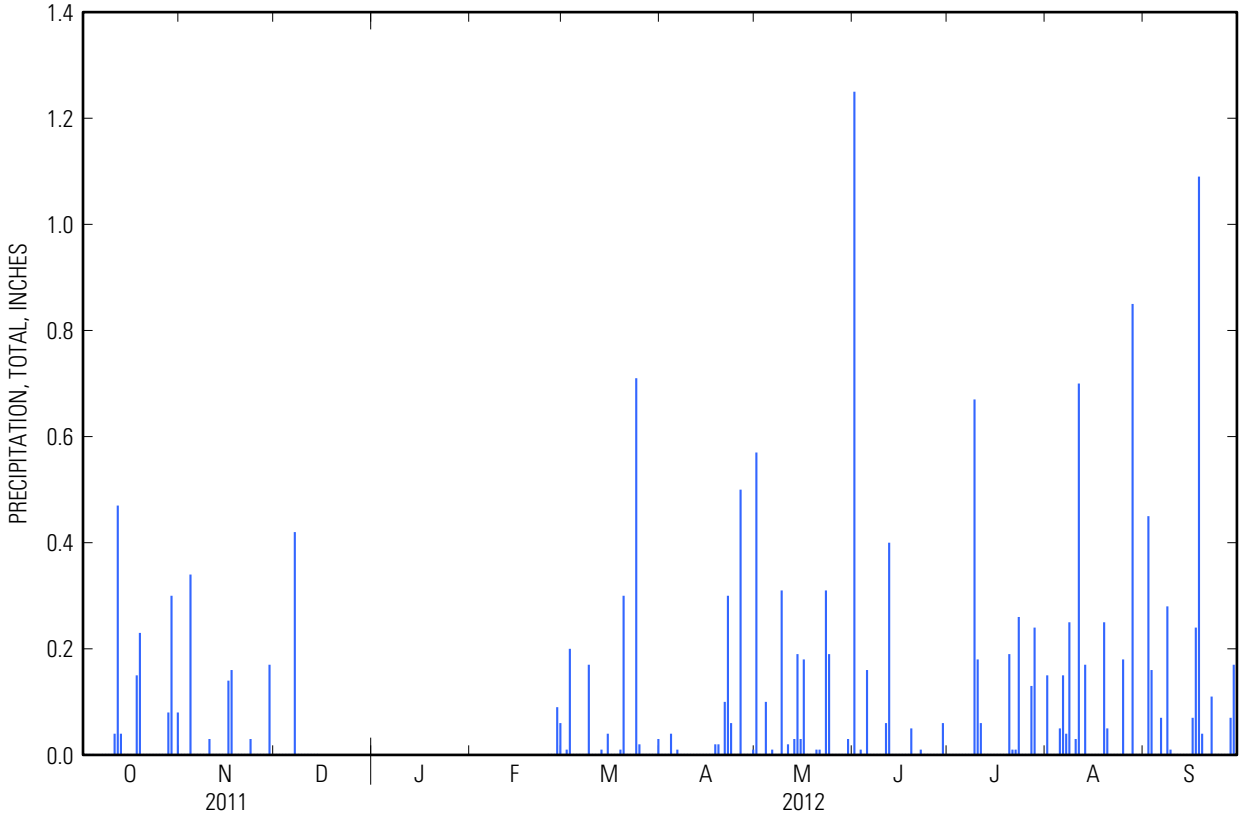
INSTRUMENTATION.--Electronic data logger with 15-minute record interval. Tipping bucket rain gage mounted on top of upstream face of pumphouse at dam.

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--Water Years 2010 to current: Maximum daily precipitation, 3.42 in., Oct. 27, 2010, but may have been higher during periods of missing record; minimum precipitation, 0.00 in., on many days.

EXTREMES FOR CURRENT YEAR.--Maximum daily precipitation, 1.25 in., June 1, but may have been higher during periods of missing record; minimum precipitation, 0.00 in., on many days.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	---	---	0.00	0.00	0.57	1.25	0.00	0.15	0.00
2	0.00	0.00	0.00	---	---	0.01	0.00	0.00	0.00	0.00	0.00	0.45
3	0.00	0.00	0.00	---	---	0.20	0.00	0.00	0.01	0.00	0.00	0.16
4	0.00	0.34	0.00	---	---	0.00	0.04	0.10	0.00	0.00	0.00	0.00
5	---	0.00	0.00	---	---	0.00	0.00	0.00	0.16	0.00	0.05	0.00
6	---	0.00	0.00	---	---	0.00	0.01	0.01	0.00	0.00	0.15	0.07
7	0.00	0.00	0.42	---	---	0.00	0.00	0.00	0.00	0.00	0.04	0.00
8	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.25	0.28
9	0.00	0.00	0.00	---	---	0.17	0.00	0.31	0.00	0.67	0.00	0.01
10	0.00	0.03	0.00	---	---	0.00	0.00	0.00	0.00	0.18	0.03	0.00
11	0.04	0.00	0.00	---	---	0.00	0.00	0.02	0.06	0.06	0.70	0.00
12	0.47	0.00	0.00	---	---	0.00	0.00	0.00	0.40	0.00	0.00	0.00
13	0.04	0.00	0.00	---	---	0.01	0.00	0.03	0.00	0.00	0.17	0.00
14	0.00	0.00	0.00	---	---	0.00	0.00	0.19	0.00	0.00	0.00	0.00
15	0.00	0.00	---	---	---	0.04	0.00	0.03	0.00	0.00	0.00	0.00
16	0.00	0.14	---	---	---	0.00	0.00	0.18	0.00	0.00	0.00	0.07
17	0.00	0.16	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.24
18	0.15	0.00	---	---	---	0.00	0.02	0.00	0.00	0.00	0.00	1.09
19	0.23	0.00	---	---	---	0.01	0.02	0.00	0.05	0.00	0.25	0.04
20	0.00	0.00	---	---	---	0.30	0.00	0.01	0.00	0.19	0.05	0.00
21	0.00	0.00	---	---	---	0.00	0.10	0.01	0.00	0.01	0.00	0.00
22	0.00	0.00	---	---	---	0.00	0.30	0.00	0.01	0.01	0.00	0.11
23	0.00	0.03	---	---	---	0.00	0.06	0.31	0.00	0.26	0.00	0.00
24	0.00	0.00	---	---	---	0.71	0.00	0.19	0.00	0.00	0.00	0.00
25	0.00	0.00	---	---	0.00	0.02	0.00	0.00	0.00	0.00	0.18	0.00
26	0.00	0.00	---	---	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00
28	0.08	0.00	---	---	0.09	0.00	0.00	0.00	0.00	0.24	0.85	0.07
29	0.30	0.17	---	---	0.06	0.00	0.00	0.00	0.06	0.00	0.00	0.17
30	0.00	0.00	---	---	---	0.00	0.01	0.03	0.00	0.00	0.00	0.00
31	0.08	---	---	---	---	0.03	---	0.00	---	0.00	0.00	---
Total	---	0.87	---	---	---	1.50	1.06	1.99	2.00	1.75	2.87	2.76

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