

Water-Data Report 2007

**04194085 Berger Ditch near Oregon OH**

Western Lake Erie Basin  
Cedar-Portage Subbasin

LOCATION.--Lat 41°40'32", long 83°22'16" referenced to North American Datum of 1927, Lucas County, OH, Hydrologic Unit 04100010, on right bank, 200 ft. downstream of Cedar Point Rd. bridge at entrance to Maumee State Park on Park Rd. #1 near Oregon and .75 mi upstream of Lake Erie.

DRAINAGE AREA.--15.4 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--May 1, 2006 to current year.

GAGE.--Water-stage and acoustic velocity meter recorder. Datum of gage is 570.82 ft. NGVD 1929.

REMARKS.--Records are poor. Water quality data formerly collected at this site 2006 water year.

EXTREMES FOR PERIOD OF RECORD.--Estimated maximum daily discharge, 300 ft<sup>3</sup>/s June 22,, 2006; minimum daily discharge, -1.2 ft<sup>3</sup>/s Sept 11, 2006.

EXTREMES FOR CURRENT YEAR.--Maximum Daily discharge, 295 ft<sup>3</sup>/s, Dec 01; estimated minmum daily discharge, 0.00 ft<sup>3</sup>/s, Feb 15-18.

## 04194085 Berger Ditch near Oregon OH—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**  
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.6	2.5	295	114	e3.0	e130	16	12	5.3	1.8	1.7	0.90
2	11	0.83	110	28	e0.94	e60	9.9	8.0	4.7	1.8	2.3	0.97
3	10	1.0	23	12	e0.76	e26	7.7	7.2	4.2	1.0	1.6	1.3
4	6.8	1.2	e16	9.6	e0.62	e14	3.2	5.4	20	2.2	0.92	0.57
5	9.6	1.5	e13	74	e0.50	e13	1.7	4.4	10	1.5	2.2	0.63
6	2.5	1.0	e12	142	e0.41	e12	3.8	3.7	4.0	2.2	1.9	1.4
7	1.5	9.9	e10	39	e0.34	e13	3.0	6.3	4.9	1.9	6.6	0.74
8	1.2	15	e9.5	16	e0.28	e19	2.0	4.9	8.6	1.3	2.1	1.9
9	0.91	5.0	e8.6	8.7	e0.24	e28	2.5	5.9	14	1.3	4.1	3.7
10	0.90	3.8	e8.0	6.8	e0.21	e22	2.6	8.3	5.0	1.6	2.7	1.8
11	21	3.1	e7.6	5.3	e0.18	e19	7.1	4.9	3.5	0.69	2.0	2.4
12	4.5	2.4	e11	6.4	e0.15	e33	34	4.3	2.8	1.7	2.3	0.87
13	0.93	2.0	23	59	e0.13	e70	13	3.5	2.3	0.90	0.84	0.81
14	0.57	1.8	10	47	e0.12	e270	11	4.2	2.2	1.3	1.7	1.6
15	0.79	1.4	4.1	189	e0.00	e40	16	4.1	3.0	1.7	2.4	0.32
16	0.72	92	5.1	66	e0.00	e20	9.4	14	1.9	0.35	2.6	0.76
17	123	51	3.9	19	e0.00	e22	7.3	7.1	2.7	0.82	0.45	0.38
18	58	19	3.7	11	e0.00	e26	6.3	4.6	1.8	1.2	2.5	1.2
19	26	9.5	2.9	3.0	e0.11	e22	4.7	3.3	3.0	7.4	13	0.30
20	25	6.0	2.2	6.4	e0.23	e18	4.2	2.6	1.7	3.9	118	0.78
21	8.3	4.0	2.7	6.2	e0.60	e15	3.2	2.9	1.8	2.3	64	0.10
22	4.3	3.7	31	5.1	e1.6	e19	3.1	e3.1	5.0	1.0	16	0.10
23	2.9	2.9	18	2.3	e4.4	24	3.2	3.6	2.2	1.6	9.0	0.67
24	1.7	2.9	8.8	3.4	e12	18	2.6	3.0	1.9	1.7	21	0.96
25	2.3	2.6	13	2.8	e30	17	36	3.4	1.9	1.7	11	0.98
26	2.2	2.5	59	3.3	e70	12	122	3.3	1.0	1.8	6.9	2.4
27	13	2.3	18	2.7	e50	11	206	5.4	3.8	14	3.8	0.87
28	68	2.1	11	1.2	e200	28	57	2.9	21	9.5	3.2	0.81
29	13	1.9	10	2.5	---	16	29	3.2	5.2	3.8	3.0	0.14
30	6.3	18	6.4	1.9	---	9.4	16	3.5	2.3	2.7	1.1	0.17
31	3.3	---	31	e6.0	---	6.6	---	9.6	---	3.7	1.1	---
<b>Total</b>	437.82	272.83	787.5	899.6	376.82	1,053.0	643.5	162.6	151.7	80.36	312.01	30.53
<b>Mean</b>	14.1	9.09	25.4	29.0	13.5	34.0	21.4	5.25	5.06	2.59	10.1	1.02
<b>Max</b>	123	92	295	189	200	270	206	14	21	14	118	3.7
<b>Min</b>	0.57	0.83	2.2	1.2	0.00	6.6	1.7	2.6	1.0	0.35	0.45	0.10

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2006 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	14.1	9.09	25.4	29.0	13.5	34.0	21.4	12.0	12.1	10.1	6.65	1.84
<b>Max</b>	14.1	9.09	25.4	29.0	13.5	34.0	21.4	18.7	19.1	17.6	10.1	2.66
<b>(WY)</b>	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2006)	(2006)	(2006)	(2007)	(2006)
<b>Min</b>	14.1	9.09	25.4	29.0	13.5	34.0	21.4	5.25	5.06	2.59	3.23	1.02
<b>(WY)</b>	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)	(2006)	(2007)

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SUMMARY STATISTICS

	Water Year 2007		Water Years 2006 - 2007	
<b>Annual total</b>	5,208.27			
<b>Annual mean</b>	14.3		14.3	
<b>Highest annual mean</b>			14.3	2007
<b>Lowest annual mean</b>			14.3	2007
<b>Highest daily mean</b>	295	Dec 1	300	Jun 22, 2006
<b>Lowest daily mean</b>	0.00	Feb 15 <sup>a</sup>	-1.2	Sep 11, 2006
<b>Annual seven-day minimum</b>	0.05	Feb 13	0.05	Feb 13, 2007
<b>10 percent exceeds</b>	28		28	
<b>50 percent exceeds</b>	3.7		3.7	
<b>90 percent exceeds</b>	0.77		0.77	

<sup>a</sup> Also Feb 16-18.

