



Water-Data Report 2010

05534100 DES PLAINES RIVER AT DIVISION ST AT LOCKPORT, IL

Upper Illinois Basin
Des Plaines Subbasin

LOCATION.--Lat 41°34'55", long 88°04'17" referenced to North American Datum of 1983, in NW ¼ NW ¼ NE ¼ sec.27, T.36 N., R.10 E., Will County, IL, Hydrologic Unit 07120004, on upstream side of Division Street bridge, at mile 19.0.

DRAINAGE AREA.--703.0 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.—

SURFACE-WATER DISCHARGE AND STAGE

DISCHARGE: March 2010 to current year.

STAGE: March 2010 to current year.

GAGE.--Water-stage recorder. Datum of gage is 579.48 ft. above NGVD of 1929 (0.00 feet Chicago City Datum (CCD)).

REMARKS.--Discharge records good except for estimated discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 13,200 ft³/s, July 25, 2010, gage height, -22.56 ft.; Minimum discharge 219 ft³/s, Sept. 29-30, 2010.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 13,200 ft³/s, July 25, 2010, gage height, -22.56 ft.; Minimum discharge 219 ft³/s, Sept. 29-30, 2010.

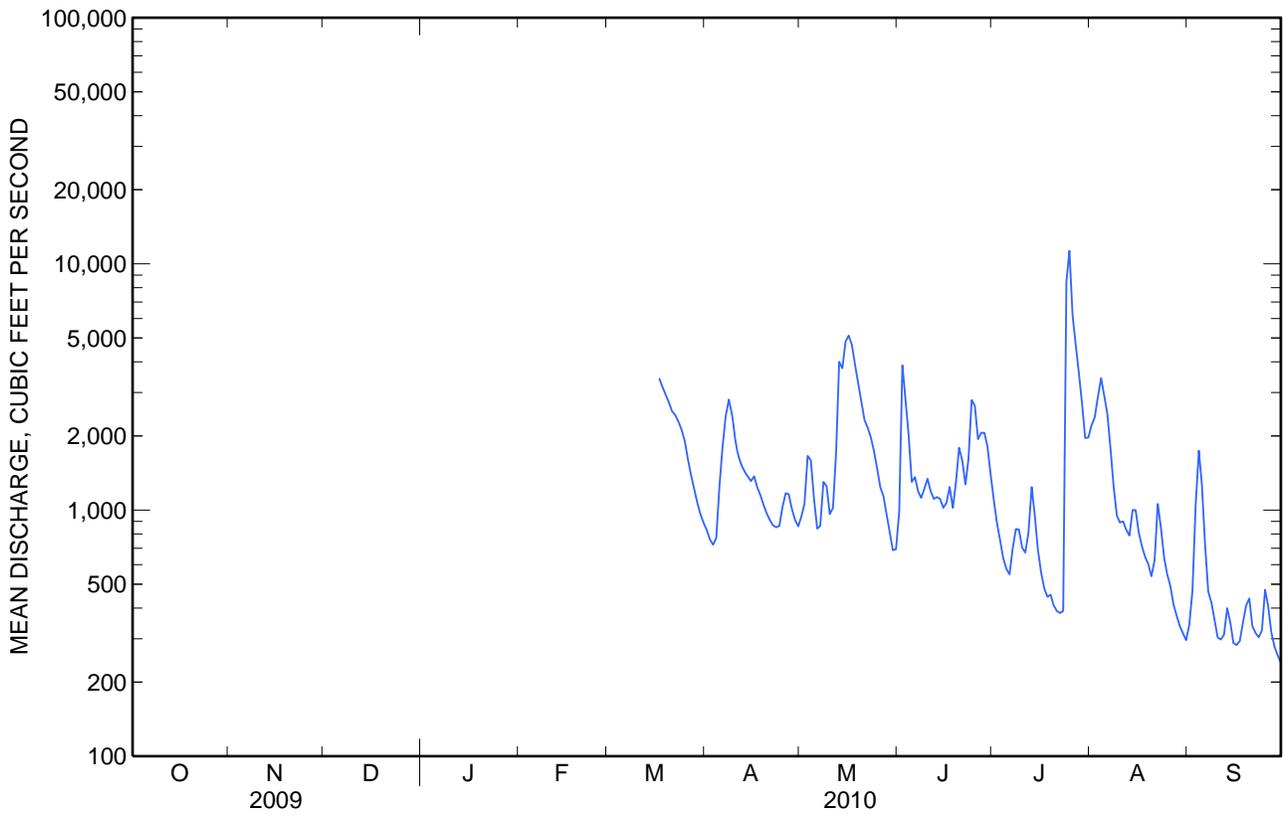
05534100 DES PLAINES RIVER AT DIVISION ST AT LOCKPORT, IL—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	---	---	---	---	---	---	e830	944	984	1,100	e2,210	342	
2	---	---	---	---	---	---	e760	1,060	3,870	886	e2,380	472	
3	---	---	---	---	---	---	723	1,660	2,830	752	2,880	1,050	
4	---	---	---	---	---	---	772	1,590	2,020	639	3,430	1,740	
5	---	---	---	---	---	---	1,250	1,110	1,300	577	2,930	1,270	
6	---	---	---	---	---	---	1,790	840	1,360	548	2,470	723	
7	---	---	---	---	---	---	2,400	863	1,190	700	1,780	466	
8	---	---	---	---	---	---	2,810	1,300	1,120	837	1,240	421	
9	---	---	---	---	---	---	2,440	1,250	1,220	834	950	357	
10	---	---	---	---	---	---	e1,940	963	1,340	704	e890	304	
11	---	---	---	---	---	---	e1,670	1,020	1,190	672	899	298	
12	---	---	---	---	---	---	e1,530	1,730	1,110	813	831	312	
13	---	---	---	---	---	---	1,430	4,000	1,130	1,240	788	400	
14	---	---	---	---	---	---	1,370	3,770	1,110	958	1,000	348	
15	---	---	---	---	---	---	1,310	4,830	1,020	690	1,000	288	
16	---	---	---	---	---	---	1,370	5,110	1,070	559	807	283	
17	---	---	---	---	---	---	3,410	1,240	4,680	1,240	481	711	294
18	---	---	---	---	---	---	3,150	1,150	3,910	1,020	444	643	349
19	---	---	---	---	---	---	2,930	1,050	3,280	1,290	453	602	410
20	---	---	---	---	---	---	2,730	969	2,760	1,790	410	538	437
21	---	---	---	---	---	---	2,520	913	2,320	1,590	389	625	338
22	---	---	---	---	---	---	2,430	867	2,160	1,270	382	1,060	317
23	---	---	---	---	---	---	2,290	851	1,980	1,610	389	846	304
24	---	---	---	---	---	---	2,120	861	1,740	2,800	8,410	640	324
25	---	---	---	---	---	---	1,910	1,030	1,480	2,650	11,300	549	474
26	---	---	---	---	---	---	1,620	1,170	1,240	1,940	e6,170	491	408
27	---	---	---	---	---	---	1,390	1,160	1,140	2,060	4,670	413	319
28	---	---	---	---	---	---	e1,220	1,010	966	2,060	e3,570	371	279
29	---	---	---	---	---	---	e1,070	911	817	1,820	e2,680	337	257
30	---	---	---	---	---	---	e960	859	687	1,400	e1,960	315	240
31	---	---	---	---	---	---	e885	---	693	---	1,970	296	---
Total	---	---	---	---	---	---	---	38,436	61,893	48,404	56,187	34,922	13,824
Mean	---	---	---	---	---	---	---	1,281	1,997	1,613	1,812	1,127	461
Max	---	---	---	---	---	---	---	2,810	5,110	3,870	11,300	3,430	1,740
Min	---	---	---	---	---	---	---	723	687	984	382	296	240
Cfsm	---	---	---	---	---	---	---	1.82	2.84	2.30	2.58	1.60	0.66
In.	---	---	---	---	---	---	---	2.03	3.28	2.56	2.97	1.85	0.73

05534100 DES PLAINES RIVER AT DIVISION ST AT LOCKPORT, IL—Continued



05534100 DES PLAINES RIVER AT DIVISION ST AT LOCKPORT, IL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	-28.68	-28.57	-28.53	-28.43	-27.63	-29.12
2	---	---	---	---	---	---	-28.74	-28.47	-26.71	-28.61	-27.51	-28.99
3	---	---	---	---	---	---	-28.76	-28.01	-27.21	-28.73	-27.18	-28.48
4	---	---	---	---	---	---	-28.71	-28.06	-27.76	-28.83	-26.85	-27.95
5	---	---	---	---	---	---	-28.33	-28.43	-28.28	-28.89	-27.15	-28.30
6	---	---	---	---	---	---	-27.92	-28.65	-28.24	-28.92	-27.44	-28.73
7	---	---	---	---	---	---	-27.50	-28.63	-28.37	-28.78	-27.93	-28.95
8	---	---	---	---	---	---	-27.22	-28.28	-28.42	-28.66	-28.33	-28.99
9	---	---	---	---	---	---	-27.46	-28.32	-28.34	-28.66	-28.56	-29.06
10	---	---	---	---	---	---	-27.82	-28.55	-28.25	-28.77	-28.62	-29.11
11	---	---	---	---	---	---	-28.03	-28.50	-28.37	-28.80	-28.60	-29.12
12	---	---	---	---	---	---	-28.14	-27.96	-28.43	-28.68	-28.66	-29.11
13	---	---	---	---	---	---	-28.18	-26.60	-28.41	-28.32	-28.70	-29.01
14	---	---	---	---	---	---	-28.23	-26.66	-28.43	-28.55	-28.52	-29.07
15	---	---	---	---	---	---	-28.27	-26.09	-28.50	-28.79	-28.52	-29.13
16	---	---	---	---	---	---	-28.23	-25.95	-28.46	-28.91	-28.68	-29.14
17	---	---	---	---	---	-26.86	-28.33	-26.17	-28.33	-28.98	-28.77	-29.13
18	---	---	---	---	---	-27.01	-28.39	-26.59	-28.50	-29.02	-28.83	-29.07
19	---	---	---	---	---	-27.14	-28.48	-26.94	-28.29	-29.01	-28.87	-29.01
20	---	---	---	---	---	-27.27	-28.54	-27.26	-27.92	-29.05	-28.93	-28.98
21	---	---	---	---	---	-27.41	-28.59	-27.54	-28.06	-29.07	-28.85	-29.08
22	---	---	---	---	---	-27.47	-28.63	-27.66	-28.30	-29.08	-28.47	-29.10
23	---	---	---	---	---	-27.57	-28.64	-27.78	-28.09	-29.07	-28.65	-29.11
24	---	---	---	---	---	-27.68	-28.64	-27.95	-27.28	-24.45	-28.83	-29.09
25	---	---	---	---	---	-27.83	-28.49	-28.15	-27.33	-23.27	-28.92	-28.95
26	---	---	---	---	---	-28.04	-28.38	-28.33	-27.80	-25.45	-28.97	-29.01
27	---	---	---	---	---	-28.21	-28.39	-28.41	-27.72	-26.18	-29.05	-29.10
28	---	---	---	---	---	-28.35	-28.51	-28.55	-27.72	-26.79	-29.09	-29.14
29	---	---	---	---	---	-28.47	-28.59	-28.67	-27.89	-27.35	-29.13	-29.17
30	---	---	---	---	---	-28.56	-28.64	-28.79	-28.20	-27.81	-29.15	-29.19
31	---	---	---	---	---	-28.63	---	-28.78	---	-27.79	-29.17	---
Mean	---	---	---	---	---	---	-28.32	-27.85	-28.07	-28.12	-28.47	-28.98
Max	---	---	---	---	---	---	-27.22	-25.95	-26.71	-23.27	-26.85	-27.95
Min	---	---	---	---	---	---	-28.76	-28.79	-28.53	-29.08	-29.17	-29.19

05534100 DES PLAINES RIVER AT DIVISION ST AT LOCKPORT, IL—Continued

