

DATES OF FLOODING EVENTS

Listed below are the date ranges in the last two years in which the Modern Woodmen Park temporary flood barriers were installed by city staff to protect the facility.

Calendar Year 2019

March 15, 2019 to June 28, 2019

Total Days: 106

Calendar Year 2018

May 04, 2018 to May 23, 2018

June 27, 2018 to July 11, 2018

October 09, 2018 to October 31, 2018

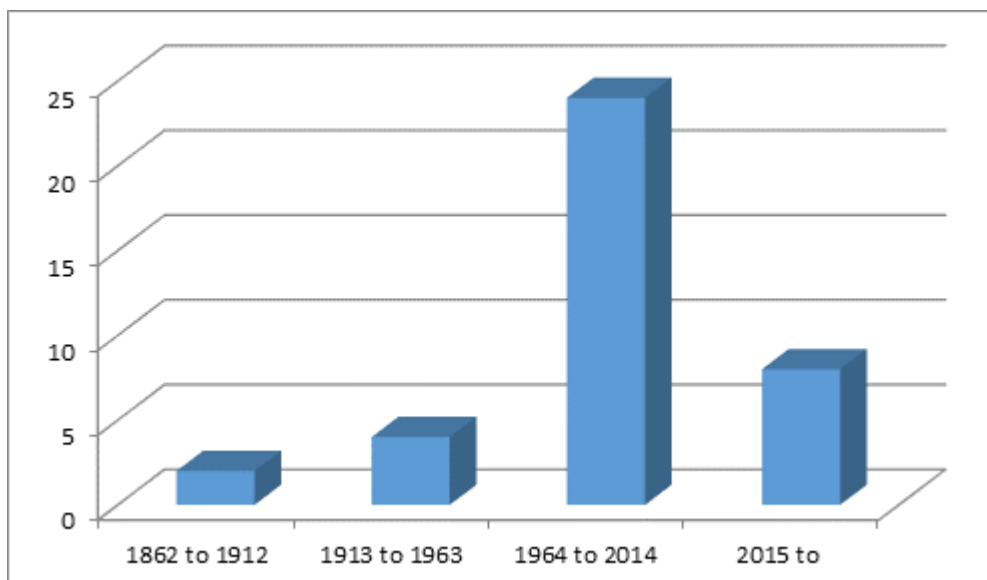
Total Days: 58

Listed below is a chart detailing the amount of floods that the City of Davenport has experienced. It showcases the number of

DATE RANGE	# OF FLOODS	AVG. FLOOD PER YEAR
1862 – 1912	2	12%
1913 to 1963	4	22%
1964 to 2014	24	70%
2015 to	8	43%*

*Based on the prior 50 year period.

In the 2015 to 2065 period, the City has already experienced 43% of the number of floods with river levels greater than 16.5 feet than occurred in the previous 50 year period (1964 to 2014).



DAMAGES

During the 2019 flood, the city and its tenant, a Class A affiliate baseball team, lost a substantial amount of revenue due to nineteen games being canceled. Should a failure in the facilities vulnerable flood protection system, the area that this project will remedy, it would cost the Davenport taxpayers an estimated \$15 million in repair cost. Listed below are expenses related to this year's flood event.

CY 2019 EXPENSES

Lost Revenue

Field Rental to St. Ambrose	\$30,000.00
19 home games missed at \$11,283.95 each	\$214,395.05
Refund checks that went out.	\$8,010.00
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Lost Revenue	\$252,405.05

Cost to Relocate Games

traveling labor/broadcaster	\$1,024.36
Payment to Univ. of Iowa for use of field	\$1,330.00
Additional hotel rooms-Burlington 4/4-4/5	\$2,953.28
Peoria relocation 6/4-6/6/19	\$3,283.20
Additional bus transportation needed.	\$9,912.50
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Costs for relocating	\$18,503.34

Flood Related Services

E&H Restoration, LLC	\$483.00
ServPro- cleaning batting cages (June2019)	\$1,652.43
ServPro- cleaning batting cages (July2019)	\$1,355.84
City of Davenport Staff Cleanup Cost	\$8,154.58
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Flood expenses	\$11,645.85

Summary Total	\$282,554.24
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Public Assistance Funded Projects Detail - Project Worksheets														
Disaster Number	PW Number	Application Title	Applicant ID	Damage Category Code	Project Size	County	County Code	State	State Code	State Number Code	Project Amount	Federal Share Obligated	Total Obligated	
DR-1763 2008 Floods														
1763	837	PA PILOT - DEBRIS IN CREEKS	163-90893-00	A - Debris Removal	Large	Scott	163	Iowa	IA	19	\$ 97,838.12	\$ 88,054.31	\$ 88,054.31	
1763	1296	EMERGENCY PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Large	Scott	163	Iowa	IA	19	\$ 719,212.01	\$ 647,290.81	\$ 647,290.81	
1763	2640	PUBLIC STREETS	163-90893-00	C - Roads and Bridges	Large	Scott	163	Iowa	IA	19	\$ 205,999.23	\$ 185,399.31	\$ 185,399.31	
1763	2635	PUBLIC UTILITIES	163-90893-00	F - Public Utilities	Large	Scott	163	Iowa	IA	19	\$ 85,274.19	\$ 76,746.77	\$ 76,746.77	
1763	2958	PAVEMENT FAILURES SOUTH CONCORD STREET	163-90893-00	C - Roads and Bridges	Small	Scott	163	Iowa	IA	19	\$ 10,469.69	\$ 9,422.72	\$ 9,422.72	
1763	3015	32ND ST. BRIDGE OVER PHEASANT CREEK	163-90893-00	C - Roads and Bridges	Small	Scott	163	Iowa	IA	19	\$ 14,373.14	\$ 12,935.83	\$ 12,935.83	
1763	3104	COLLAPSED STONE WALL	163-90893-00	C - Roads and Bridges	Small	Scott	163	Iowa	IA	19	\$ 24,926.84	\$ 22,434.15	\$ 22,434.15	
1763	3081	FLOOD GATE VALVE OPERATORS	163-90893-00	D - Water Control Facilities	Small	Scott	163	Iowa	IA	19	\$ 44,378.96	\$ 39,941.06	\$ 39,941.06	
1763	3155	PUBLIC STREETS - SINK HOLES	163-90893-00	C - Roads and Bridges	Large	Scott	163	Iowa	IA	19	\$ 36,935.63	\$ 33,242.07	\$ 33,242.07	
1763	3141	PAVEMENT FAILURES - 15 SITES	163-90893-00	C - Roads and Bridges	Large	Scott	163	Iowa	IA	19	\$ 90,576.73	\$ 81,519.05	\$ 81,519.05	
1763	3473	LECLAIRE & CENTENNIAL PARKS	163-90893-00	G - Recreational or Other	Large	Scott	163	Iowa	IA	19	\$ 125,200.00	\$ 112,680.00	\$ 112,680.00	
1763	3463	GARFIELD PARK FENCE	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 2,997.63	\$ 2,697.87	\$ 2,697.87	
1763	3749	CREDIT ISLAND ROAD	163-90893-00	G - Recreational or Other	Large	Scott	163	Iowa	IA	19	\$ 66,623.56	\$ 59,961.21	\$ 59,961.21	
1763	3742	CREDIT ISLAND PARK	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 12,719.43	\$ 11,447.49	\$ 11,447.49	
1763	3715	CREDIT ISLAND LODGE	163-90893-00	E - Public Buildings	Small	Scott	163	Iowa	IA	19	\$ -	\$ -	\$ -	
1763	3747	SLOPE FAILURES	163-90893-00	C - Roads and Bridges	Small	Scott	163	Iowa	IA	19	\$ 11,032.53	\$ 9,929.27	\$ 9,929.27	
1763	4094	DONATED RESOURCES	163-90893-00	B - Protective Measures	Small	Scott	163	Iowa	IA	19	\$ 23,379.20	\$ 21,041.28	\$ 21,041.28	
1763	4123	PA PILOT - PATH BRIDGE OVER DUCK CREEK	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 7,544.51	\$ 6,790.06	\$ 6,790.06	
1763	4392	STORM CULVERT A	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 3,686.07	\$ 3,317.46	\$ 3,317.46	
1763	4386	STORM CULVERT B	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 21,404.96	\$ 19,264.46	\$ 19,264.46	
1763	4390	CREDIT ISLAND LOOP ROAD	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 49,409.37	\$ 44,468.43	\$ 44,468.43	
1763	4405	STORM CULVERT D	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 13,326.66	\$ 11,993.99	\$ 11,993.99	
1763	4399	STORM CULVERT C	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 11,232.06	\$ 10,108.85	\$ 10,108.85	
1763	4458	STORM CULVERT	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ -	\$ -	\$ -	
1763	5001	ROAD REPAIRS - 3	163-90893-00	C - Roads and Bridges	Small	Scott	163	Iowa	IA	19	\$ 7,344.90	\$ 6,610.41	\$ 6,610.41	
1763	5308	PA PILOT - LECLAIRE PARK SILT REMOVAL	163-90893-00	A - Debris Removal	Small	Scott	163	Iowa	IA	19	\$ 50,576.00	\$ 45,518.40	\$ 45,518.40	
1763	6156	PA PILOT - FORCE ACCOUNT DEBRIS REMOVAL	163-90893-00	A - Debris Removal	Large	Scott	163	Iowa	IA	19	\$ 149,233.24	\$ 134,309.92	\$ 134,309.92	
1763	6209	CREDIT ISLAND PARK - DEBRIS REMOVAL	163-90893-00	A - Debris Removal	Large	Scott	163	Iowa	IA	19	\$ 171,945.53	\$ 154,750.98	\$ 154,750.98	
1763	9492	DEMOLITION DEBRIS REMOVAL - 404 HMGF (BUY-OUT)	163-90893-00	B - Protective Measures	Small	Scott	163	Iowa	IA	19	\$ 18,655.00	\$ 16,789.50	\$ 16,789.50	
1763	10394	BANDSTAND	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 14,883.40	\$ 13,395.06	\$ 13,395.06	
Total											\$ 2,091,178.59	\$ 1,882,060.72	\$ 1,882,060.72	
DR-1367 2001 Flood														
1367	42	CENTENNIAL PARK DAMAGE	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 5,291.50	\$ 3,968.63	\$ 4,209.93	
1367	52	JOHN O'DONNELL STADIUM DAMAGE	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 18,882.58	\$ 14,161.93	\$ 14,584.65	
1367	43	RAILROAD PARK DAMAGE	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 12,660.00	\$ 9,495.00	\$ 10,072.29	
1367	60	FLOOD GENERATED PUBLIC PARK DAMAGES	163-90893-00	G - Recreational or Other	Large	Scott	163	Iowa	IA	19	\$ 108,060.81	\$ 81,045.60	\$ 90,860.75	
1367	51	LINDSAY PARK DAMAGE	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 18,190.15	\$ 13,642.61	\$ 14,472.08	
1367	66	Not Provided	163-90893-00	G - Recreational or Other	Small	Scott	163	Iowa	IA	19	\$ 20,892.50	\$ 15,669.38	\$ 16,248.10	
1367	161	FLOOD GENERATED STREET, SEWER & SIDEWALK DAMAGES	163-90893-00	C - Roads and Bridges	Large	Scott	163	Iowa	IA	19	\$ 222,764.83	\$ 167,073.63	\$ 172,038.03	
1367	158	FLOOD GENERATED SEWER DAMAGES	163-90893-00	F - Public Utilities	Small	Scott	163	Iowa	IA	19	\$ 41,350.00	\$ 31,012.50	\$ 32,157.89	
1367	160	FLOOD GENERATED ROAD DAMAGES	163-90893-00	C - Roads and Bridges	Large	Scott	163	Iowa	IA	19	\$ 88,413.82	\$ 66,310.37	\$ 69,464.79	
1367	159	FLOOD GENERATED SEWER DAMAGES	163-90893-00	F - Public Utilities	Small	Scott	163	Iowa	IA	19	\$ 3,769.25	\$ 2,826.94	\$ 2,931.36	
1367	288	FLOOD GENERATED ROAD WASHOUTS	163-90893-00	C - Roads and Bridges	Small	Scott	163	Iowa	IA	19	\$ 7,910.20	\$ 5,932.65	\$ 6,151.76	
1367	285	FLOOD GENERATED SILT REMOVAL	163-90893-00	F - Public Utilities	Large	Scott	163	Iowa	IA	19	\$ 67,881.97	\$ 50,911.48	\$ 52,785.78	
1367	287	FLOOD GENERATED	163-90893-00	B - Protective Measures	Small	Scott	163	Iowa	IA	19	\$ 4,350.12	\$ 3,262.59	\$ 3,383.09	
1367	289	FLOOD GENERATED MANHOLE/PAVEMENT DAMAGES	163-90893-00	F - Public Utilities	Small	Scott	163	Iowa	IA	19	\$ 32,663.30	\$ 24,497.48	\$ 25,402.26	
1367	286	FLOOD GENERATED SIDEWALK DAMAGES	163-90893-00	C - Roads and Bridges	Small	Scott	163	Iowa	IA	19	\$ 2,521.50	\$ 1,891.13	\$ 1,960.97	
1367	396	FLOOD GENERATED PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Large	Scott	163	Iowa	IA	19	\$ 109,824.65	\$ 82,368.49	\$ 84,319.02	
1367	395	FLOOD GENERATED EMERGENCY PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Large	Scott	163	Iowa	IA	19	\$ 265,099.98	\$ 198,824.99	\$ 204,710.35	
1367	397	FLOOD GENERATED PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Small	Scott	163	Iowa	IA	19	\$ 32,885.15	\$ 24,663.86	\$ 25,574.77	
1367	399	FLOOD GENERATED DEBRIS REMOVAL	163-90893-00	B - Protective Measures	Large	Scott	163	Iowa	IA	19	\$ 56,621.57	\$ 42,466.18	\$ 43,477.65	
1367	444	FLOOD GENERATED DEBRIS REMOVAL	163-90893-00	A - Debris Removal	Small	Scott	163	Iowa	IA	19	\$ -	\$ -	\$ -	
1367	474	DONATED RESOURCES	163-90893-00	B - Protective Measures	Large	Scott	163	Iowa	IA	19	\$ 141,417.40	\$ 108,014.61	\$ 108,014.61	
1367	471	FLOOD GENERATED EMERGENCY PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Small	Scott	163	Iowa	IA	19	\$ 2,785.79	\$ 2,089.34	\$ 2,127.78	
1367	469	FLOOD GENERATED PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Small	Scott	163	Iowa	IA	19	\$ 8,386.18	\$ 6,289.64	\$ 6,405.37	
1367	466	FLOOD GENERATED PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Small	Scott	163	Iowa	IA	19	\$ 33,448.88	\$ 25,086.66	\$ 25,548.26	
1367	461	FLOOD GENERATED EMERGENCY PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Large	Scott	163	Iowa	IA	19	\$ 626,463.17	\$ 469,847.37	\$ 478,492.57	
1367	464	FLOOD GENERATED EMERGENCY PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Large	Scott	163	Iowa	IA	19	\$ 129,952.47	\$ 97,464.36	\$ 99,257.70	
1367	445	FLOOD GENERATED DEBRIS REMOVAL	163-90893-00	A - Debris Removal	Small	Scott	163	Iowa	IA	19	\$ -	\$ -	\$ -	
1367	473	FLOOD GENERATED PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Small	Scott	163	Iowa	IA	19	\$ 15,808.89	\$ 11,856.67	\$ 12,074.84	
1367	470	FLOOD GENERATED PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Small	Scott	163	Iowa	IA	19	\$ 26,270.82	\$ 19,703.12	\$ 20,065.66	
1367	468	FLOOD GENERATED EMERGENCY PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Large	Scott	163	Iowa	IA	19	\$ 65,192.35	\$ 48,894.26	\$ 49,793.91	
1367	462	FLOOD GENERATED EMERGENCY PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Large	Scott	163	Iowa	IA	19	\$ 197,512.04	\$ 148,134.03	\$ 150,859.69	
1367	467	FLOOD GENERATED EMERGENCY PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Large	Scott	163	Iowa	IA	19	\$ 56,698.09	\$ 42,523.57	\$ 43,306.00	
1367	463	FLOOD GENERATED PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Small	Scott	163	Iowa	IA	19	\$ 8,857.31	\$ 6,642.98	\$ 6,765.21	
1367	465	FLOOD GENERATED PROTECTIVE MEASURES	163-90893-00	B - Protective Measures	Small	Scott	163	Iowa	IA	19	\$ 25,452.10	\$ 19,089.08	\$ 19,440.32	
Total											\$ 2,458,279.37	\$ 1,845,661.13	\$ 1,896,957.44	
Grand Total											\$ 4,549,457.96	\$ 3,727,721.85	\$ 3,779,018.16	