

FCST TYPE LEGEND: B - Benchmark Tributary (Apr-Oct) H - Headwater/WFO Site Specific (FFH guidance)
 D - Daily morning fcst during drought only I - Inflow fcst
 E - Evening daily fcst M - Morning daily fcst
 F - Flood event-only fcst W - Long Range Water Supply

FS - Flood Stage RFC FIS - Forecast Issuance Stage WFO Action - WFO Action Stage
 MINOR - Minor flooding begins MOD - Moderate flooding begins MAJOR - Major Flooding Begins
 # - Not currently an active realtime USGS Surface Water Station.

*** ABR - Aberdeen, SD

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
PVRS2	05290000	MIN	Peever 6NE	Little Minnesota River	17.0	16.0	16.0	17.0	22.0	24.0	45.6161	96.8753	FH
BSLM5		MIN	Ortonville - Big Stone Lk	Minnesota River	970.0	969.0	969.0	970.0	971.5	973.5	45.3092	96.4681	F

*** APX - N. Central Lower Michigan, MI

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
SHRM4	04124000	NLM	Sherman 1N	Manistee River	15.0	14.0	14.0	15.0	16.0	17.0	44.4364	85.6986	MF
MYFM4	04126970	NLM	Mayfield 5NE - Brown Brdg Rd	Boardman River	7.0	5.0	5.0	7.0	9.0	11.0	44.6567	85.4367	FH
RDOM4	04136000	NLM	Red Oak 3S	Au Sable River	7.0	6.0	6.0	7.0	8.0	9.0	44.6769	84.2925	MF
STRM4	04142000	NLM	Sterling 3N	Rifle River	6.0	5.0	5.0	6.0	11.0	13.0	44.0725	84.0200	F
BVTM4	04152500	SMW	Beaverton 1ESE	Tobacco River	12.0	10.0	10.0	12.0	14.0	17.0	43.8794	84.4739	FH
RUDM4	04127917	UPM	Rudyard 3S	Pine River	17.0	15.0	15.0	17.0	19.0	21.0	46.1906	84.6122	FH

*** ARX - La Crosse, WI

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
LANM5	05455940	#	CIW Lansing	Cedar River	18.0	14.0	14.0	18.0	20.0	22.0	43.7467	92.9586	FH
ASTM5			CIW Austin WWTP	Cedar River	15.0	12.0	12.0	15.0	18.0	20.0	43.6544	92.9708	FH
TRCM5	05456500	#	CIW Austin 3NW	Turtle Creek	10.5	7.0	7.0	10.5	12.0	14.0	43.6847	93.0394	FH
CCYI4	05457700		CIW Charles City	Cedar River	12.0	9.0	9.0	12.0	15.0	18.0	43.0625	92.6731	F
DOBMS	05455970	#	FFH Austin - 21st St NE	Dobbins Creek	11.5	N/A	9.0	11.5	14.0	18.0	43.6772	92.9397	H
RCHM5	05372995	M10	Rochester - 37th St	South Fork Zumbro River	14.0	11.0	11.0	14.0	18.0	20.0	44.0617	92.4664	FH
ZUMM5	05374000	M10	Zumbro Falls	Zumbro River	18.0	15.0	15.0	18.0	24.0	26.0	44.2856	92.4300	FH
LNSM5	05384120	#	M10 Lanesboro	South Branch Root River	12.0	10.0	10.0	12.0	16.0	18.0	43.7219	91.9789	FH
HOUM5	05385000	M10	Houston 1N	Root River	15.0	12.0	12.0	15.0	17.0	18.0	43.7686	91.5697	FH
BLFI4	05387440	M10	Bluffton	Upper Iowa River	14.0	11.0	11.0	14.0	16.0	18.0	43.4069	91.8983	F
DEHI4	05387500	M10	Decorah	Upper Iowa River	12.0	9.0	9.0	12.0	13.0	14.0	43.3050	91.7953	FH
DCHI4	05388250	M10	Dorchester Hwy 76	Upper Iowa River	14.0	11.0	11.0	14.0	17.0	19.0	43.4211	91.5086	FH
SPLI4	05411600	M10	Spillville	Turkey River	9.0	7.0	7.0	9.0	11.0	13.0	43.2072	91.9503	F
EKDI4	05412020	M10	Elkader 1SE	Turkey River	12.0	10.0	10.0	12.0	16.0	20.0	42.8433	91.4011	F
GRBI4	05412500	M10	Garber	Turkey River	17.0	14.0	14.0	17.0	20.0	23.0	42.7400	91.2617	FH
LKCM5		M10	Lake City -Lake Pepin	Mississippi River	16.0	13.0	13.0	16.0	18.0	20.0	44.4500	92.2633	MEF
WABM5	05371500	#	M10 Wabasha (Pool 4 CP)	Mississippi River	12.0	10.0	10.0	12.0	14.0	16.0	44.3867	92.0369	MEF
ALMW3		M10	Alma L&D 4	Mississippi River	16.0	10.0	10.0	16.0	17.0	18.0	44.3264	91.9192	MF
MSCM5		M10	Minnesota City L&D 5	Mississippi River	660.0	657.0	657.0	660.0	662.0	665.0	44.1600	91.8122	MF
WIDM5	05378490	M10	Winona L&D 5A	Mississippi River	655.0	650.0	650.0	655.0	659.0	661.0	44.0878	91.6706	MF
WNAM5	05378500	M10	Winona	Mississippi River	13.0	11.0	11.0	13.0	15.0	18.0	44.0558	91.6378	MEF
TREW3		M10	Trempealeau L&D 6	Mississippi River	647.0	644.0	644.0	647.0	649.0	651.0	43.9994	91.4383	MF
LCRM5	05380590	#	M10 La Crescent L&D 7	Mississippi River	641.0	638.0	638.0	641.0	643.0	645.0	43.8669	91.3114	MF
LACW3	05383500	#	M10 La Crosse (Pool 8 CP)	Mississippi River	12.0	10.0	10.0	12.0	13.0	15.0	43.8125	91.2569	MEF
GENW3		M10	Genoa L&D 8	Mississippi River	631.0	625.2	625.2	631.0	634.0	636.0	43.5708	91.2300	MF
LNSI4		M10	Lansing (Pool 9 CP)	Mississippi River	17.0	12.0	12.0	17.0	19.0	20.0	43.3603	91.2131	MEF
LYNW3	05388410	#	M10 Lynxville L&D 9	Mississippi River	625.0	619.0	619.0	625.0	628.0	631.0	43.2117	91.0986	MF
MCGI4	05389500	M10	McGregor	Mississippi River	16.0	13.0	13.0	16.0	19.0	22.0	43.0247	91.1725	MEF
GTTI4		M10	Guttenberg L&D 10	Mississippi River	15.0	12.0	12.0	15.0	18.0	21.0	42.7850	91.0950	MEF
PTNM5		FFH	Preston WWTP	South Branch Root River	937.0	N/A	933.0	937.0	939.0	942.0	43.6672	92.0836	H
RBCM5	05372930	#	FFH Rochester - US Hwy 14	Bear Creek	14.0	N/A	10.0	14.0	17.0	20.0	44.0075	92.4458	H
RCCM5	05372990	#	FFH Rochester - 7th St NW	Cascade Creek	13.0	N/A	10.0	13.0	16.0	21.0	44.0308	92.4719	H
RCSM5	05372800	#	FFH Rochester - US Hwy 14	South Fork Zumbro River	24.0	N/A	18.0	24.0	26.0	29.0	44.0072	92.4719	H
ROCM5	05372950	#	FFH Rochester	Silver Creek	21.0	N/A	17.0	21.0	23.0	25.0	44.0289	92.4289	H
WSPM5	05376100	#	FFH Whitewater St Pk	Middle Fork Whitewater River	13.5	N/A	12.0	13.5	15.0	17.0	44.0372	92.1044	H
BTNW3	05413500	FFH	Burton	Grant River	18.0	N/A	15.0	18.0	20.0	22.0	42.7203	90.8192	H
RVLW3	05414000	FFH	Rockville 2ENE	Platte River	9.0	N/A	7.0	9.0	11.0	13.0	42.7311	90.6400	H
ARCW3	05379400	WIS	Arcadia	Trempealeau River	8.0	6.0	6.0	8.0	9.0	10.0	44.2544	91.5053	F
DDGW3	05379500	WIS	Dodge	Trempealeau River	10.5	9.0	9.0	10.5	11.0	12.0	44.1317	91.5531	FH
NEIW3	05381000	WIS	Neillsville	Black River	18.0	16.0	16.0	18.0	20.0	22.0	44.5597	90.6150	FH
BRFW3	053813595	WIS	Black River Falls - Hwy 54	Black River	47.0	43.0	43.0	47.0	51.0	55.0	44.2936	90.8464	F
GALW3	05382000	WIS	Galesville 5SE	Black River	12.0	10.0	10.0	12.0	13.0	15.0	44.0603	91.2875	F
NCAW3	05403000	WIS	Necedah	Yellow River	15.0	12.0	12.0	15.0	16.5	18.0	44.0261	90.0717	F
CROW3		WIS	White Creek 2NW-Castle Rock Dam	Wisconsin River	894.0	882.0	882.0	894.0	N/A	N/A	43.8658	89.9547	F
MUSW3	05407000	WIS	Muscoda 1NE - WWTP	Wisconsin River	9.0	7.0	7.0	9.0	10.0	11.0	43.1981	90.4433	F
LAFW3	05408000	WIS	La Farge	Kickapoo River	12.0	9.0	9.0	12.0	13.0	14.0	43.5742	90.6436	FH
VIOW3		WIS	Viola	Kickapoo River	14.0	12.0	12.0	14.0	16.0	18.0	43.5061	90.6739	FH
REAW3	05409200	#	WIS Readstown	Kickapoo River	11.0	8.0	8.0	11.0	14.0	16.0	43.4494	90.7650	FH
SOGW3	05409500	#	WIS Soldiers Grove	Kickapoo River	13.0	10.0	10.0	13.0	16.0	19.0	43.3953	90.7742	FH
GMIW3	05410000	#	WIS Gays Mills WWTP	Kickapoo River	13.0	11.0	11.0	13.0	15.0	17.0	43.3189	90.8511	FH
STEW3	05410490	WIS	Steuben 3NE	Kickapoo River	12.0	10.0	10.0	12.0	13.0	15.0	43.1828	90.8583	FH
ONTW3	05407468	FFH	Ontario	Kickapoo River	16.0	N/A	14.0	16.0	18.0	19.0	43.7300	90.5888	H
HILW3	05404116	#	FFH Hillsboro WWTP	West Branch Baraboo River	13.0	N/A	10.0	13.0	14.0	16.0	43.6528	90.3358	H

*** BIS - Bismark, ND

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
DESN8	05116500	SRS	Foxholm	Des Lacs River	1651.0	1650.0	1650.0	1651.0	1653.0	1654.0	48.3708	101.5697	FH
SHWN8	05114000	SRS	Sherwood 15W	Souris River	1623.0	1622.0	1622.0	1623.0	1625.0	1630.0	48.9900	101.9578	F
FOXN8	05116000	SRS	Foxholm 3E	Souris River	1573.0	1572.0	1572.0	1573.0	1576.0	1578.0	48.3717	101.5056	F
MINN8	05117500	SRS	Minot 4W	Souris River	1562.0	1561.0	1561.0	1562.0	1565.0	1570.0	48.2458	101.3708	FH
MION8	05117600	SRS	Minot - Broadway Brdg	Souris River	1551.0	1550.0	1550.0	1551.0	1553.0	1557.0	48.2375	101.2942	F
LGNN8		SRS	Logan	Souris River	1536.0	1535.0	1535.0	1536.0	1538.0	1540.0	48.1533	101.1511	F
SWRN8		SRS	Sawyer	Souris River	1524.0	1523.0	1523.0	1524.0	1526.0	1528.0	48.0947	101.0494	F
VLVN8		SRS	Velva	Souris River	1507.0	1506.0	1506.0	1507.0	1512.0	1517.0	48.0619	100.9311	F
KLSN8	05120500	SRS	Karlsruhe 6N	Wintering River	1509.0	1508.0	1508.0	1509.0	1511.0	1512.0	48.1383	100.5950	F
TOWN8	05121500	#	SRS Towner 1NW	Souris River	1454.0	1453.0	1453.0	1454.0	1456.0	1458.0	48.3528	100.4189	F
BANN8	05122000	SRS	Bantry 8E	Souris River	1440.0	1439.0	1439.0	1440.0	1441.0	1443.0	48.5056	100.4344	F
WLCN8	05123400	SRS	Willow City 7W	Willow Creek	1442.0	1441.0	1441.0	1442.0	1446.0	1448.0	48.5889	100.4417	F
WSTN8	05124000	SRS	Westhope 7NNE	Souris River	1414.0	1413.0	1413.0	1414.0	1418.0				

ODAW3	04027000	WLS	Odanah 8S	Bad River	16.0	11.5	11.5	16.0	18.0	20.0	46.4875	90.6958	F
BDOW3	04027595	WLS	Odanah	Bad River	8.5	7.5	7.5	8.5	9.5	10.5	46.6103	90.6869	F

*** DMX - Des Moines, IA

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
JANI4	05458500	CIW	Janesville	Cedar River	13.0	10.0	10.0	13.0	15.0	18.0	42.6483	92.4650	F
FNHI4	05458900	CIW	Finchford	West Fork Cedar River	17.0	12.0	12.0	17.0	18.0	20.0	42.6294	92.5433	F
MCWI4	05459500	CIW	Mason City	Winebago River	10.0	8.0	8.0	10.0	14.5	15.5	43.1650	93.1925	FH
SHRI4	05462000	CIW	Shell Rock	Shell Rock River	12.0	10.0	10.0	12.0	18.0	20.0	42.7119	92.5828	F
NHRI4	05463000	CIW	New Hartford	Beaver Creek	12.5	11.0	11.0	12.5	14.0	15.0	42.5728	92.6178	F
CEDI4	05463050	CIW	Cedar Falls	Cedar River	89.0	85.0	85.0	89.0	92.0	94.0	42.5376	92.4433	F
HUDI4	05463500	CIW	Hudson	Black Hawk Creek	14.0	13.0	13.0	14.0	15.0	19.0	42.4078	92.4631	F
ALOI4	05464000	CIW	Waterloo	Cedar River	13.0	8.5	8.5	13.0	19.0	21.0	42.4956	92.3342	F
ROWI4	05449500	CIW	Rowan 4NW	Iowa River	12.5	9.0	9.0	12.5	15.0	17.0	42.7600	93.6217	F
MIWI4	05451500	CIW	Marshalltown WWTP	Iowa River	19.0	14.0	14.0	19.0	23.0	26.0	42.0658	92.9075	FH
TMAI4	05451770	CIW	Tama 3W - Hwy E49	Iowa River	12.5	11.0	11.0	12.5	13.0	14.0	41.9642	92.6367	F
WAEI4		FFH	Waterloo 4E	Elk Run Creek	854.0	N/A	N/A	854.0	N/A	N/A	42.4981	92.2525	H
AGNI4	05478265	DES	Algonia 1NNW	East Fork Des Moines River	17.0	13.0	13.0	17.0	18.0	22.0	43.0827	94.2306	F
DAKI4	05479000	DES	Dakota City	East Fork Des Moines River	20.0	18.0	18.0	20.0	24.0	28.0	42.7239	94.1933	F
WBCI4	05481000	DES	Webster City 2S	Boone River	14.0	9.0	9.0	14.0	17.0	19.0	42.4320	93.8058	F
GRMI4	05481950	DES	Grimes 3E	Beaver Creek	14.0	11.0	11.0	14.0	16.0	17.0	41.6883	93.7356	F
EFWI4	05482500	DES	Jefferson 2S	North Raccoon River	19.0	17.0	17.0	19.0	21.0	23.0	41.9881	94.3767	F
PROI4	05483300	#	DES Perry 1W	North Raccoon River	15.0	14.0	14.0	15.0	18.0	20.0	41.8353	94.1317	F
REDI4	05484000	DES	Redfield 2E	South Raccoon River	20.0	18.0	18.0	20.0	24.0	27.0	41.5894	94.1511	FH
VNMI4	05484500	DES	Van Meter	Raccoon River	17.0	15.0	15.0	17.0	22.0	23.0	41.5339	93.9497	FH
DMWI4	05484650	DES	Des Moines - Hwy 28	Raccoon River	36.0	34.0	34.0	36.0	38.0	40.0	41.5636	93.7036	F
DEMI4	05484900	DES	Des Moines - Fleur Dr	Raccoon River	12.0	8.0	8.0	12.0	16.0	25.0	41.5822	93.6419	F
NRWI4	05486000	DES	Norwalk 2SE	North River	22.0	17.0	17.0	22.0	25.0	26.0	41.4578	93.6550	F
IDNI4	05486490	DES	Indianola 5NNW	Middle River	23.0	19.0	19.0	23.0	26.0	28.0	41.4242	93.5872	F
AKWI4	05487470	DES	Ackworth 2SW	South River	29.0	26.0	26.0	29.0	30.0	32.0	41.3372	93.4861	FH
BSSI4	05489000	DES	Bussey 3 WNW	Cedar Creek	25.0	16.0	16.0	25.0	30.0	32.0	41.2189	92.9083	FH
ESVI4	05476500	DES	Estherville	Des Moines River	10.0	6.0	6.0	10.0	13.0	14.5	43.3975	94.8439	F
EMTI4	05476590	DES	Emmetsburg 2NW	Des Moines River	11.0	9.0	9.0	11.0	13.0	15.0	43.1264	94.7061	F
HBTI4	05476750	DES	Humboldt WTP	Des Moines River	10.0	7.0	7.0	10.0	13.0	14.0	42.7194	94.2203	F
FODI4	05480500	DES	Ft Dodge	Des Moines River	10.5	9.0	9.0	10.5	16.0	17.0	42.5083	94.2033	F
STRI4	05481300	DES	Stratford 4WSW	Des Moines River	19.0	14.0	14.0	19.0	25.0	27.0	42.2519	93.9969	F
DMOI4	05482000	DES	Des Moines - 2nd Ave	Des Moines River	23.0	19.0	19.0	23.0	26.0	30.0	41.6120	93.6205	F
DESI4	05485500	DES	Des Moines - SE 6th St	Des Moines River	24.0	20.0	20.0	24.0	26.0	30.0	41.5778	93.6053	F
EDYI4	05489200	DES	Eddyville	Des Moines River	63.0	60.0	60.0	63.0	68.0	70.0	41.1511	92.6361	F
OTMI4	05489500	DES	Ottumwa	Des Moines River	11.5	9.0	9.0	11.5	15.0	19.0	41.0108	92.4111	F
CLVI4		FFH	Clive - I80/35 (ALERT)	Walnut Creek	9.0	N/A	8.0	9.0	14.0	15.0	41.6114	93.7764	H
DFMI4	05485640	FFH	Des Moines - Easton Blvd	Four Mile Creek	12.5	N/A	9.0	12.5	14.0	16.0	41.6139	93.5453	H
DOSI4	05484800	FFH	Des Moines - 63rd St	Walnut Creek	14.0	N/A	10.0	14.0	15.0	17.0	41.5872	93.7031	H
AMEI4	05470000	TIA	Ames 3N	South Skunk River	12.5	11.0	11.0	12.5	16.0	16.5	42.0664	93.6200	F
AMWI4	05470500	TIA	Ames	Ioway Creek	10.0	8.0	8.0	10.0	14.0	15.5	42.0231	93.6303	FH
AESI4	05471000	TIA	Ames 5SE - WWTP	South Skunk River	21.5	19.0	19.0	21.5	23.5	24.5	42.0067	93.5953	F
CFXI4	05471050	TIA	Colfax	South Skunk River	18.0	15.0	15.0	18.0	19.0	21.0	41.6814	93.2464	F
OOAI4	05471500	TIA	Oskaloosa 4N	South Skunk River	24.5	18.0	18.0	24.5	28.5	30.0	41.3558	92.6567	F

*** DTX - Detroit, MI

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
FGOM4	04159492	SMS	Jeddo 2W	Black River	N/A	8.0	8.0	N/A	N/A	N/A	43.1525	82.6242	F
AVOM4	04159900	SMS	Avoca 2W	Mill Creek	N/A	6.0	6.0	N/A	N/A	N/A	43.0544	82.7347	F
FSRM4	04164000	SMS	Sterling Heights 1E (Frasier 3N)	Clinton River	16.0	14.0	14.0	16.0	17.0	19.0	42.5772	82.9514	FH
MCLM4	04164500	SMS	Mt Clemens 2N	North Branch Clinton River	15.0	13.0	13.0	15.0	16.0	18.0	42.6292	82.8889	FH
MTCM4	04165500	SMS	Mt Clemens 1W	Clinton River	16.0	14.0	14.0	16.0	17.0	18.0	42.5958	82.9097	FH
DETM4	04166500	SMS	Detroit	River Rouge	15.0	13.0	13.0	15.0	18.0	20.0	42.3722	82.2556	FH
GACM4	04167000	SMS	Garden City 2NE	Middle River Rouge	10.0	10.0	10.0	10.0	11.0	12.0	42.3481	83.3117	FH
INKM4	04168000	#	SMS Inkster	Lower River Rouge	10.0	8.0	8.0	10.0	12.0	13.0	42.3000	83.3000	F
DLRM4	04168400	SMS	Dearborn	Lower Rouge River	11.0	9.0	9.0	11.0	12.0	13.0	42.3083	83.2528	F
DEXM4	04173500	SMS	Dexter 2S	Mill Creek	12.0	10.0	10.0	12.0	13.0	14.0	42.3000	83.8986	FH
HMG4	04172000	SMS	Hamburg 1N	Huron River	7.0	6.5	6.5	7.0	7.5	8.0	42.4650	83.8003	F
ANNM4	04174500	SMS	Ann Arbor	Huron River	16.0	14.0	14.0	16.0	17.0	18.0	42.2861	83.7333	F
TECM4	04175700	#	SMS Tecumseh WWTP & 4S	River Raisin	13.0	11.0	11.0	13.0	14.0	15.0	41.9431	83.9453	FH
ADRM4	04176000	SMS	Adrian 2E	River Raisin	18.0	13.0	13.0	18.0	19.0	20.0	41.9042	83.9806	F
BLIM4	04176140	#	SMS Blissfield 1SW	River Raisin	683.0	681.0	681.0	683.0	685.0	687.0	41.8342	83.8667	F
DNDM4		SMS	Dundee WWTP	River Raisin	650.0	648.0	648.0	650.0	652.0	653.0	41.9564	83.6586	F
MONM4		SMS	Monroe WTP	River Raisin	9.0	8.0	8.0	9.0	10.0	11.0	41.9139	83.3875	F
BHRM4	04166000	FFH	Birmingham	River Rouge	5.5	N/A	4.5	5.5	6.0	8.0	42.5458	83.2236	H
SFRM4	04166100	FFH	Southfield	Rouge River	12.0	N/A	12.0	12.0	14.0	16.0	42.4478	83.2978	H
DHEM4	04168580	FFH	Dearborn Heights	Ecorse Creek	8.0	N/A	N/A	8.0	N/A	N/A	42.2694	83.2897	H
MPRM4	04155500	SMW	Midland 7SW	Pine River	12.0	11.0	11.0	12.0	14.0	16.0	43.5644	84.3692	F
MIDM4	04156000	SMW	Midland	Tittabawassee River	24.0	16.0	16.0	24.0	25.0	28.0	43.5953	84.2356	F
OWOM4	04144500	SMW	Owosso 2NW - WWTP	Shiawassee River	7.0	6.0	6.0	7.0	9.0	10.0	43.0150	84.1811	F
FRGM4	04145000	SMW	Fergus 1E	Shiawassee River	10.0	9.0	9.0	10.0	14.0	15.0	43.2500	84.1000	F
DAVM4	04148140	SMW	Davison 3W	Kearsley Creek	10.0	8.0	8.0	10.0	11.0	12.0	43.0336	83.5814	FH
FLTM4	04148500	SMW	Flint 7W - WWTP	Flint River	13.0	11.0	11.0	13.0	15.0	17.0	43.0389	83.7717	F
CSSM4	04150500	SMW	Cass City 1SSW - WWTP	Cass River	14.0	12.0	12.0	14.0	18.0	20.0	43.5842	83.1761	F
VSSM4	04151000	#	SMW Vassar WWTP	Cass River	14.0	12.0	12.0	14.0	15.0	18.0	43.3708	83.5811	F
FRNM4	04151500	SMW	Frankenmuth	Cass River	17.0	15.0	15.0	17.0	20.0	25.0	43.3278	83.7481	F
SAGM4	04157005	SMW	Saginaw	Saginaw River	17.0	16.0	16.0	17.0	19.0	24.0	43.4219	83.9519	F
COLM4	04146063	FFH	Columbiaville 3E	South Branch Flint River	6.0	N/A	N/A	6.0	N/A	N/A	43.1594	83.3508	H
FLSM4	04148295	FFH	Flint - Claude Ave.	Swartz Creek	10.0	N/A	N/A	10.0	11.0	12.0	42.9858	83.7389	H
FTCM4	04148440	FFH	Flint 4SE	Thread Creek	7.0	6.0	6.0	7.0	7.5	8.0	42.9750	83.6358	H
LHCM4		FFH	Lapeer - McCormick Dr	Hunters Creek	820.0	N/A	N/A	820.0	N/A	N/A	43.0419	83.3069	H
LSFM4		FFH	Lapeer - W Oregon Rd	South Branch Flint River	813.0	N/A	N/A	813.0	N/A	N/A	43.0583	83.3067	H
MSPM4		FFH	Midland	Sturgeon Creek	611.0	N/A	N/A	611.0	N/A	N/A	43.6411	84.2664	H

*** DVN - Quad Cities, IA

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
VINI4	05464315	CIW	Vinton	Cedar River	15.0	14.0	14.0	15.0	18.0	19.0	42.1706	92.0233	F
PLOI4	05464420	CIW	Palo	Cedar River	12.5	11.0	11.0	12.5	15.5	17.0	42.0692	91.7850	F
CIDI4	05464500	CIW	Cedar Rapids	Cedar River	12.0	10.0	10.0	12.0	14.0	16.0	41.9719	91.6669	FM
CEBI4	05464780	CIW	Cedar Bluff	Cedar River	16.0	12.0	12.0	16.0	20.0	26.0	41.7872	91.3136	F
CNEI4	05465000	CIW	Conesville 4NE	Cedar River	13.0	12.0	12.0	13.0	15.0	16.5	41.4094	91.2906	F
MROI4	05453100	CIW	Marengo	Iowa River	15.0	13.0	13.0	15.0	17.0	19.0	41.8128	92.0647	F
IOWI4	05454500	CIW	Iowa City No. 2	Iowa River	23.5	21.0	21.0	23.5	24.5	26.0	41.6567	91.5408	FM
KALI4	05455500	CIW	Kalona 1SSW	English River	14.0	13.0	13.0						

BRLI4		M19 Burlington	Mississippi River	15.0	14.0	14.0	15.0	16.5	18.0	40.7981	91.0964	MEF
EOKI4	05474500	# M19 Keokuk L&D 19	Mississippi River	16.0	14.0	14.0	16.0	17.5	19.0	40.3936	91.3742	MF
GGYM7		M19 Gregory Landing	Mississippi River	15.0	14.0	14.0	15.0	18.0	25.0	40.2794	91.4961	MF
APRI2	05419000	FFH Hanover	Apple River	20.0	N/A	19.0	20.0	N/A	N/A	42.2500	90.2800	H
OQUI2	05469000	FFH Oquawka 7NE	Henderson Creek	21.5	N/A	20.0	21.5	N/A	N/A	41.0014	90.8542	H
PCKI2	05467000	FFH Keithsburg	Pope Creek	24.0	N/A	22.0	24.0	N/A	N/A	41.1300	90.9200	H
WLCI4	05422560	# FFH Walcott 5SE - 110th Ave	Duck Creek	18.0	N/A	N/A	18.0	N/A	N/A	41.5567	90.6875	H
DKII4	05422600	FFH Davenport 4NE - Kimberly Rd	Duck Creek	12.0	N/A	11.0	12.0	N/A	N/A	41.5461	90.5239	H
BETI4		FFH Bettendorf	Duck Creek	572.0	N/A	571.0	572.0	N/A	N/A	41.5325	90.4747	H
MCCI4		FFH Muscatine - Hwy 38	Mad Creek	599.0	N/A	598.0	599.0	N/A	N/A	41.4597	91.0319	H
FEEI2	05435500	RCK Freeport WWTP	Pecatonica River	13.0	11.5	11.5	13.0	14.0	16.0	42.3028	89.6194	F
CMOI2	05443500	RCK Como	Rock River	12.5	10.0	10.0	12.5	15.5	18.0	41.7722	89.7456	F
JOSI2	05446500	RCK Joslin	Rock River	12.0	11.0	11.0	12.0	14.0	16.5	41.5558	90.1856	FMB
GENTI2	05447500	RCK Geneseo 2N	Green River	15.0	14.0	14.0	15.0	16.5	18.0	41.4889	90.1581	F
MLII2		RCK Moline	Rock River	12.0	11.0	11.0	12.0	13.0	14.0	41.4617	90.5011	FMB
CLMI2	05584500	SSL Colmar 1SSW	La Moine River	20.0	19.0	19.0	20.0	22.0	24.0	40.3303	90.8961	F
MCHI4	05416900	TIA Manchester 1SE	Maquoketa River	14.0	12.0	12.0	14.0	17.0	20.0	42.4700	91.4483	FH
MAQI4	05418500	TIA Maquoketa 2NE	Maquoketa River	24.0	23.0	23.0	24.0	26.0	28.5	42.0833	90.6328	F
IDPI4	05421000	TIA Independence	Wapsipinicon River	12.0	10.0	10.0	12.0	13.0	15.0	42.4636	91.8950	F
ANSI4	05421740	TIA Anamosa 2SE - Shaw Rd	Wapsipinicon River	14.5	13.0	13.0	14.5	18.0	21.5	42.0833	91.2675	MFB
DEWI4	05422000	TIA De Witt 4S	Wapsipinicon River	11.0	10.0	10.0	11.0	11.5	12.5	41.7669	90.5347	MFB
SIGI4	05472500	TIA Sigourney 2S	North Skunk River	16.0	14.5	14.5	16.0	18.0	21.0	41.3008	92.2044	F
AGSI4	05474000	TIA Augusta	Skunk River	15.0	14.0	14.0	15.0	17.0	20.0	40.7536	91.2772	F
DRNI4	05414500	# FFH Durango 3W	Little Maquoketa River	15.0	N/A	N/A	15.0	17.0	20.0	42.5550	90.7461	H
WYLM7	05495000	TMO Wayland 2W	Fox River	15.0	14.0	14.0	15.0	18.0	20.0	40.3925	91.5978	F

*** FGF - Eastern North Dakota, ND

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
DCBN8	05056500	DEV	Devils Lake 5SW-Creel Bay	Devils Lake	N/A	N/A	N/A	N/A	N/A	N/A	48.0994	98.9028	
ESLN8	05056665	DEV	Lakota 11S	Eastern Stump Lake	N/A	N/A	N/A	N/A	N/A	N/A	47.8686	98.3575	
ABRN8	05053000	RED	Abercrombie 2WNW	Wild Rice River	20.0	17.0	17.0	20.0	22.0	28.0	46.4706	96.7819	F
WHNN8	05051500	RED	Wahpeton	Red River of the North	11.0	9.5	9.5	11.0	13.0	15.0	46.2653	96.5944	F
HICN8	05051522	RED	Hickson 1SE	Red River of the North	30.0	28.0	28.0	30.0	34.0	38.0	46.6583	96.7964	F
FGON8	05054000	RED	Fargo WTP	Red River of the North	18.0	17.0	17.0	18.0	25.0	30.0	46.8611	96.7833	F
HILN8	05064500	RED	Hillsboro 11ESE (Halstad MN)	Red River of the North	26.0	24.0	24.0	26.0	32.0	37.5	47.3519	96.8433	F
EGFM5	05082500	RED	East Grand Forks	Red River of the North	28.0	27.0	27.0	28.0	40.0	46.0	47.9272	97.0261	F
OSLM5	05083500	RED	Oslo	Red River of the North	26.0	23.0	23.0	26.0	30.0	36.0	48.1942	97.1400	F
DRTN8	05092000	RED	Drayton 2NE - Hwy 66 Brdg	Red River of the North	32.0	28.0	28.0	32.0	38.0	42.0	48.5722	97.1472	F
PBNN8	05102490	RED	Pembina	Red River of the North	39.0	35.0	35.0	39.0	44.0	49.0	48.9736	97.2413	F
CSRM5	05051000	# FFH	Campbell 1W	South Fork Rabbit River	17.0	N/A	16.0	17.0	N/A	N/A	46.0944	96.4111	H
DWGN8	05052500	FFH	Dwight 1NE - Cnty Rd 10	Antelope Creek	38.0	N/A	37.0	38.0	N/A	N/A	46.3117	96.7342	H
SABM5	05061500	TMN	Sabin 1E	South Branch Buffalo River	13.0	12.0	12.0	13.0	15.0	19.0	46.7756	96.6278	F
HWYM5	05061000	TMN	Hawley 2SW	Buffalo River	8.0	7.5	7.5	8.0	9.0	11.0	46.8522	96.3292	F
DILM5	05062000	TMN	Dilworth 7NE	Buffalo River	13.0	12.0	12.0	13.0	20.0	26.0	46.9611	96.6611	F
TWVM5	05062500	TMN	Twin Valley 1NE	Wild Rice River	10.0	9.0	9.0	10.0	12.0	14.0	47.2667	96.2444	F
HNDM5	05064000	TMN	Hendrum	Wild Rice River	20.0	18.0	18.0	20.0	28.0	32.0	47.2681	96.7972	F
SHYM5	05067500	TMN	Shelly 4SE	Marsh River	14.0	13.0	13.0	14.0	20.0	23.0	47.4125	96.7639	F
CLXM5	05069000	TMN	Climax	Sand Hill River	20.0	15.0	15.0	20.0	25.0	30.0	47.6119	96.8144	F
HIGM5	05075000	TMN	High Landing	Red Lake River	12.0	11.0	11.0	12.0	12.5	13.0	48.0428	95.8078	F
CRKM5	05079000	TMN	Crookston	Red Lake River	15.0	12.0	12.0	15.0	20.0	23.0	47.7756	96.6092	F
MKLM5	05085450	TMN	Warren 3ENE-Morkassel Brdg	Snake River	67.0	66.0	66.0	67.0	71.0	75.0	48.2097	96.7181	F
ALVM5	05086000	# TMN	Alvarado	Snake River	106.0	105.0	105.0	106.0	108.0	110.0	48.1947	97.0056	F
HLLM5	05095000	# TMN	Hallock	Two Rivers River	802.0	800.0	800.0	802.0	806.0	810.0	48.7756	96.9375	F
ROSM5	05105000	# TMN	Roseau - Center St Brdg	Roseau River	16.0	14.0	14.0	16.0	18.0	19.0	48.8464	95.7600	F
MALM5	05104500	FFH	Malung 1.5NW - Blo So Fk	Roseau River	13.0	N/A	12.0	13.0	N/A	N/A	48.7947	95.7422	H
VCRN8	05058500	TND	Valley City	Sheyenne River	15.0	12.5	12.5	15.0	16.0	17.0	46.9139	98.0083	F
LBNN8	05058700	TND	Lisbon	Sheyenne River	15.0	11.0	11.0	15.0	17.0	19.0	46.4469	97.6789	F
KNDN8	05059000	TND	Kindred 2SE	Sheyenne River	16.0	14.0	14.0	16.0	19.0	20.5	46.6317	97.0003	F
WFON8	05059480	TND	West Fargo	Sheyenne River Diversion	18.0	16.0	16.0	18.0	20.0	21.0	46.8911	96.9164	F
ENDN8	05059700	TND	Enderlin 1E	Maple River	9.5	8.0	8.0	9.5	12.0	14.0	46.6214	97.5733	F
MPLN8	05060000	TND	Mapleton 3SW	Maple River	18.0	14.0	14.0	18.0	21.0	23.0	46.8661	97.1061	F
HWDN8	05060400	TND	Harwood	Sheyenne River	84.0	82.0	82.0	84.0	86.0	91.0	46.9775	96.8914	F
HGRN8	05066500	TND	Hillsboro	Goose River	10.0	7.0	7.0	10.0	13.0	16.0	47.4094	97.0608	FH
MTON8	05085000	TND	Minto	Forest River	6.0	4.5	4.5	6.0	8.0	11.0	48.2861	97.3694	F
WLHN8	05099600	TND	Walhalla	Pembina River	11.0	9.0	9.0	11.0	16.0	18.0	48.9133	97.9167	F
NCEN8	05100000	TND	Neche	Pembina River	18.0	16.0	16.0	18.0	19.0	20.5	48.9897	97.5567	F
LTRN8	05082625	FFH	Larimore 5ENE	Turtle River	8.0	N/A	N/A	8.0	12.0	15.0	47.9319	97.5142	H

*** FSD - Sioux Falls, SD

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
AVOM5		DES	Avoca 7E - CSAH6	West Fork Des Moines River	1425.0	1423.0	1423.0	1425.0	1426.0	1428.0	43.9494	95.5069	F
WDOM5	05475350	DES	Windom	Des Moines River	19.0	17.0	17.0	19.0	21.0	25.0	43.8906	95.1597	F
JCKM5	05476000	DES	Jackson	Des Moines River	12.0	10.0	10.0	12.0	12.5	14.0	43.6208	94.9850	F
MSTM5	05315000	MIN	Marshall 1W	Redwood River	14.0	12.0	12.0	14.0	17.0	18.5	44.4303	95.8294	FH
RUSM5		FFH	Russell	Redwood River	14.0	N/A	12.0	14.0	17.0	20.0	44.3222	95.9528	H

*** GRB - Green Bay, WI

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
OCTW3	04071765	EWS	Oconto 5SW	Oconto River	9.0	7.0	7.0	9.0	12.0	14.0	44.8606	87.9839	F
LGLW3	04074950	EWS	Langlade	Wolf River	11.5	9.5	9.5	11.5	12.5	14.0	45.1900	88.7333	FMB
SHIW3		EWS	Shiocton	Wolf River	11.0	9.0	9.0	11.0	13.5	15.0	44.4444	88.5803	F
NEWW3	04079000	EWS	New London	Wolf River	9.0	7.0	7.0	9.0	10.5	11.1	44.3922	88.7403	F
ROYW3	04080000	# EWS	Royalton	Little Wolf River	5.0	4.0	4.0	5.0	8.0	10.0	44.4125	88.8653	F
WPCW3	04081000	# EWS	Waupaca	Waupaca River	6.0	5.0	5.0	6.0	7.5	9.0	44.3294	88.9961	F
APLW3	04084445	EWS	Appleton	Fox River	8.4	7.0	7.0	8.4	9.0	10.5	44.2481	88.4231	FMB
HOWW3	04072150	FFH	Howard	Duck Creek	18.0	N/A	15.0	18.0	20.0	23.0	44.5336	88.1294	H
FLOW3	04063000	MEN	Florence 4NE	Menominee River	9.0	8.5	8.5	9.0	11.0	13.0	45.9514	88.1892	FH
NIAW3	04065106	MEN	Niagara	Menominee River	13.0	10.0	10.0	13.0	15.0	16.0	45.7678	87.9806	F
VLCM4	04065722	MEN	Vulcan 3S	Menominee River	15.0	9.0	9.0	15.0	17.0	19.0	45.7367	87.8633	F
MCAW3	04067500	MEN	Wausaukee 15E (McAllister)	Menominee River	15.0	12.0	12.0	15.0	18.0	19.0	45.3258	87.6633	F
RRLW3	05395000	WIS	Merrill	Wisconsin River	11.0	10.0	10.0	11.0	13.5	15.0	45.1781	89.6811	FH
ROTW3	05398000	WIS	Rothschild	Wisconsin River	25.0	18.0	18.0	25.0	27.0	28.0	44.8858	89.6347	F
BBCW3	05402000	WIS	Babcock 1WNW	Yellow River	12.0	10.0	10.0	12.0	15.5	17.0	44.3019	90.1222	FH
WIRW3	05400760	WIS	Wisconsin Rapids-Grand Ave	Wisconsin River	12.0	10.0	10.0	12.0	13.5	14.5	44.3922	89.8269	F
STRW3	05399500	FFH	Stratford 1NW	Big Eau Pleine River	15.5	N/A	11.0	15.5	19.0	22.5	44.8219	90.0794	H

*** GRR - Grand Rapids, MI

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
BUCM4	04119160	GND	Grandville - Wilson Ave	Buck Creek	9.0	7.5	7.5	9.0	10.5	12.0	42.9025	85.7627	F
JACM4	04109000	GND	Jackson WWTP	Grand River	14.0	13.0	13.0	14.0	15.0	16.0	42.2847	84.4083	FH
ETNM4		GND	Eaton Rapids	Grand River	6.0	5.0	5.0	6.0	8.0	9.0	42.5128	84.	

SCTM4	04122500	GND	Scottville	Pere Marquette River	5.5	4.0	4.0	5.5	6.5	7.0	43.9450	86.2786	F
WHTM4	04122200	GND	Whitehall	White River	6.0	5.0	5.0	6.0	7.0	8.0	43.4642	86.2325	F
EVRM4	04121500	GND	Ewart	Muskegon River	12.0	10.0	10.0	12.0	13.0	14.0	43.8992	85.2553	MBF
MORM4	04121900	#	GND Morley 5E	Little Muskegon River	6.0	4.0	4.0	6.0	7.0	8.0	43.5025	85.3425	F
OKGM4	04121944	GND	Croton 3E (Oak Grove)	Little Muskegon River	N/A	N/A	N/A	N/A	N/A	N/A	43.4308	85.5956	BMI
CROM4	04121970	GND	Croton - Croton Dam	Muskegon River	9.0	8.0	8.0	9.0	11.0	12.0	43.4347	85.6653	F
NEWM4	04122001	GND	Newaygo - Bridge St	Muskegon River	11.0	10.0	10.0	11.0	14.0	15.0	43.4169	85.8083	F
BDGM4	04122025	GND	Bridgeton	Muskegon River	13.0	12.0	12.0	13.0	16.0	17.0	43.3472	85.9394	F
GPDM4		FFH	Grand Rapids - 44th St	Buck Creek	642.0	N/A	N/A	642.0	N/A	N/A	42.8847	85.7067	H
GARM4		FFH	Grand Rapids - Alpine Ave NW	Indian Mill Creek	5.0	N/A	N/A	5.0	N/A	N/A	42.9972	85.6881	H
WRDM4		FFH	Grand Rapids - W River Dr	Mill Creek	5.0	N/A	N/A	5.0	N/A	N/A	43.0339	85.6667	H
GRPM4	04119055	FFH	Grand Rapids - 28th St	Plaster Creek	9.0	N/A	N/A	9.0	N/A	N/A	42.9128	85.6506	H
MARM4	04103500	KSJ	Marshall	Kalamazoo River	8.0	6.0	6.0	8.0	9.0	10.0	42.2653	84.9653	F
BCRM4	04105000	KSJ	Battle Creek	Battle Creek	4.0	3.0	3.0	4.0	5.0	6.0	42.3319	85.1542	F
BTCM4	04105500	KSJ	Battle Creek	Kalamazoo River	9.0	7.0	7.0	9.0	10.0	11.0	42.3239	85.1975	F
CMSM4	04106000	KSJ	Comstock	Kalamazoo River	9.0	7.0	7.0	9.0	10.0	11.0	42.2856	85.5139	F
RCMM4	04108660	KSJ	New Richmond	Kalamazoo River	17.0	15.0	15.0	17.0	19.0	21.0	42.6508	86.1067	F
BURM4	04096405	KSJ	Burlington	St Joseph River	6.5	6.0	6.0	6.5	9.0	11.0	42.1031	85.0800	F
VCKM4	04097170	#	KSJ Vicksburg 1 NE	Portage River	5.5	5.0	5.0	5.5	7.0	8.0	42.1147	85.4856	F
MPTM4	04154000	#	SMW Mount Pleasant 3NE	Chippewa River	8.0	6.0	6.0	8.0	11.0	13.0	43.6256	84.7078	F
ALMM4	04155000	#	SMW Alma WWTP	Pine River	8.0	7.0	7.0	8.0	10.0	12.0	43.3794	84.6556	F

*** ILX - Central Illinois, IL

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
HNYI2	05558300	ILO	Henry	Illinois River	23.0	22.0	22.0	23.0	24.0	31.0	41.1072	89.3563	MEF
PIAI2	05560000	#	ILO Peoria - Boat Yard	Illinois River	18.0	17.0	17.0	18.0	22.0	28.0	40.7022	89.5644	MEF
PRAI2	05563600	#	ILO Peoria 5SSW - L&D 7	Illinois River	447.0	444.0	444.0	447.0	449.0	455.0	40.6317	89.6250	MF
HAVI2	05570500	#	ILO Havana	Illinois River	14.0	13.0	13.0	14.0	17.0	23.0	40.2942	90.0683	MEF
BEAI2	05584000	#	ILO Beardstown	Illinois River	14.0	13.0	13.0	14.0	18.0	28.0	40.0203	90.4367	MEF
CNGI2	05567500	SSL	Congerville 2NW	Mackinaw River	13.0	10.0	10.0	13.0	14.0	20.0	40.6236	89.2417	F
LNMI2	05569500	SSL	London Mills 1WSW	Spoon River	15.0	13.0	13.0	15.0	21.0	24.0	40.7078	90.2800	F
SEVI2	05570000	SSL	Seville (Marietta 3ESE)	Spoon River	22.0	19.0	19.0	22.0	25.0	30.0	40.4900	90.3406	F
MNTI2	05572000	SSL	Monticello	Sangamon River	13.0	11.0	11.0	13.0	17.0	20.0	40.0308	88.5889	F
RVTI2	05576500	SSL	Riverton	Sangamon River	23.0	17.0	17.0	23.0	26.0	29.0	39.8433	89.5475	F
PETI2	05578000	SSL	Petersburg	Sangamon River	23.0	18.0	18.0	23.0	24.0	33.0	40.0133	89.8383	F
GREI2	05582000	SSL	Greenview 3N	Salt Creek	16.0	14.0	14.0	16.0	17.0	20.0	40.1319	89.7356	F
OKFI2	05583000	SSL	Oakford	Sangamon River	471.0	469.0	469.0	471.0	472.9	478.5	40.1242	89.9847	F
CDLI2		SSL	Chandlerville	Sangamon River	456.6	454.0	454.0	456.6	459.0	462.0	40.0619	90.1558	F
BMII2	05580950	FFH	Bloomington	Sugar Creek	11.0	N/A	7.0	11.0	N/A	N/A	40.4719	89.0280	H
RLLI2	05578500	FFH	Rowell	Salt Creek	15.0	N/A	N/A	15.0	N/A	N/A	40.1150	89.0492	H

*** IWX - Northern Indiana, IN

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
DAVI3	05515500	KDF	Davis	Kankakee River	10.0	9.0	9.0	10.0	12.0	13.0	41.3896	86.7062	F
PYMI3	05516500	KDF	Plymouth	Yellow River	13.0	11.0	11.0	13.0	14.0	15.0	41.3403	86.3044	F
KNXI3	05517000	KDF	Knox WWTP	Yellow River	10.0	9.0	9.0	10.0	12.0	13.0	41.3028	86.6206	F
TRVM4	04097500	KSJ	Three Rivers	St Joseph River	7.0	6.0	6.0	7.0	9.0	11.0	41.9403	85.6328	F
MOTM4	04099000	KSJ	Mottville	St Joseph River	8.0	7.0	7.0	8.0	9.0	10.0	41.8008	85.7561	F
CPEI3	04100222	KSJ	Cosperville	North Branch Elkhart River	6.0	5.0	5.0	6.0	7.0	8.0	41.4817	85.4756	F
GSHI3	04100500	KSJ	Goshen	Elkhart River	7.0	6.0	6.0	7.0	9.0	11.0	41.5933	85.8486	F
EKMI3	04101000	KSJ	Elkhart Public Works	St Joseph River	24.0	23.0	23.0	24.0	25.0	27.0	41.6917	85.9750	F
SBNI3	04101225	KSJ	South Bend WWTP	St Joseph River	5.5	4.5	4.5	5.5	8.0	9.0	41.7203	86.2692	F
NILM4	04101500	KSJ	Niles WWTP	St Joseph River	11.0	7.0	10.0	11.0	14.0	15.0	41.8292	86.2597	F

*** LOT - Chicago, IL

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
HDDI3	05536179	CAL	Dyer	Hart Ditch	12.0	11.0	11.0	12.0	13.0	14.0	41.5078	87.5100	FH
THNI2	05536275	CAL	Thornton	Thorn Creek	9.0	7.5	7.5	9.0	14.0	15.5	41.5683	87.6078	FH
LCMI3	05536195	CAL	Munster - Hohman Ave.	Little Calumet River	12.0	11.5	11.5	12.0	14.0	17.0	41.5775	87.5222	FH
SHLI2	05536290	CAL	South Holland	Little Calumet River	16.0	12.0	12.0	16.0	17.5	19.5	41.6069	87.5978	F
CDCI2	05536235	FFH	Chicago Heights 2NE	Deer Creek	10.0	N/A	9.0	10.0	N/A	N/A	41.5208	87.5903	H
FLSI2	05536255	FFH	Flossmoor 1E	Butterfield Creek	9.0	N/A	8.0	9.5	N/A	N/A	41.5400	87.6492	H
GLWI2	05536215	FFH	Glenwood	Thorn Creek	8.5	N/A	7.0	8.5	N/A	N/A	41.5303	87.6222	H
MNTI3	05536190	FFH	Munster	Hart Ditch	6.0	N/A	5.0	6.0	7.5	8.5	41.5611	87.4806	H
OAKI2	05536340	FFH	Oak Forest	Midlothian Creek	6.0	N/A	5.5	6.0	7.0	8.5	41.6142	87.7294	H
PRTI3	04094000	FFH	Porter	Little Calumet River	8.0	N/A	7.0	7.0	N/A	N/A	41.6217	87.0869	H
MORI2	05542500	ILO	Morris	Illinois River	16.0	13.0	13.0	16.0	18.0	22.0	41.3542	88.4286	MEF
MMOI2		ILO	Marseilles L&D 2W	Illinois River	467.0	466.0	466.0	467.0	469.5	473.0	41.3283	88.7533	MF
OTWI2		ILO	Ottawa	Illinois River	463.0	461.0	461.0	463.0	467.0	471.0	41.3444	88.8392	F
SRDI2	05553700	#	ILO Utica-Starved Rock L&D 6	Illinois River	450.0	449.0	449.0	450.0	460.0	465.0	41.3247	88.9858	MF
LSLI2	05556000	#	ILO La Salle 1S	Illinois River	20.0	19.0	19.0	20.0	27.0	31.0	41.3235	89.1107	MEF
DRFI2	05534500	FFH	Deerfield 2SE	North Branch Chicago River	10.0	N/A	8.5	10.0	12.0	13.5	42.1528	87.8186	H
JHCI2	05539000	FFH	Joliet	Hickory Creek	16.5	N/A	16.0	16.5	19.0	24.0	41.5150	88.0733	H
LAFI2	05535000	FFH	Lake Forest	Skokie River	6.0	N/A	4.0	6.0	10.0	11.0	42.2325	87.8447	H
NBRI2	05535500	FFH	Northbrook	West Fork N Br Chicago River	8.0	N/A	7.0	8.0	N/A	N/A	42.1383	87.8344	H
NBPI2	05536085	KDF	Chicago - N. Pulaski Rd	North Branch Chicago River	18.0	16.5	16.5	18.0	20.0	21.0	41.9747	87.7283	F
RUSI2	05527800	KDF	Russell	Des Plaines River	7.0	6.5	6.5	7.0	9.0	10.0	42.4894	87.9256	F
GUNI2	05528000	KDF	Gurnee 3SW	Des Plaines River	7.0	6.5	6.5	7.0	9.0	11.0	42.3442	87.9383	F
LDRI2	05528100	KDF	Lincolnshire	Des Plaines River	12.5	11.5	11.5	12.5	14.0	15.5	42.2006	87.9181	F
DSPi2	05529000	KDF	Des Plaines 3N	Des Plaines River	15.0	13.5	13.5	15.0	18.0	19.0	42.0872	87.8872	F
RVFI2	05530750	KDF	River Forest	Des Plaines River	16.0	13.0	13.0	16.0	17.5	18.5	41.8883	87.8328	F
RVRI2	05532500	KDF	Riverside	Des Plaines River	7.5	7.0	7.0	7.5	8.0	9.0	41.8217	87.8219	F
LEMI2	05533600	KDF	Lemont 1NW	Des Plaines River	10.0	9.5	9.5	10.0	13.0	15.0	41.6722	88.0294	F
WRNI2	05540095	KDF	Warrenville	West Branch Du Page River	12.5	11.0	11.0	12.5	14.5	17.5	41.8175	88.1714	F
BOLI2	05540250	KDF	Bolingbrook	East Branch Du Page River	20.0	18.0	18.0	20.0	22.0	24.0	41.7181	88.0706	F
NDRI2	05540290	KDF	Plainfield	Du Page River	12.0	10.0	10.0	12.0	14.0	15.0	41.6900	88.1664	F
SORI2	05540500	KDF	Shorewood	Du Page River	15.0	14.5	14.5	15.0	17.0	19.0	41.5222	88.1925	FH
AFBI2	05550001	KDF	Algonquin (Footbridge)	Fox River	9.5	9.0	9.0	9.5	10.5	12.0	42.1619	88.2939	F
MNGI2	05551540	KDF	Montgomery	Fox River	13.5	13.0	13.0	13.5	15.0	16.0	41.7336	88.3333	F
DAYI2	05552500	KDF	Dayton	Fox River	12.0	11.0	11.0	12.0	14.0	24.0	41.3839	88.7897	F
DBRI3	05517500	KDF	Dunns Bridge (Wheatfield 5NE)	Kankakee River	10.0	9.5	9.5	10.0	12.0	13.0	41.2194	86.9686	F
SLBI3	05518000	KDF	Shelby	Kankakee River	10.5	9.5	9.5	10.5	11.5	12.5	41.1828	87.3403	F
MOMI2	05520500	KDF	Momence	Kankakee River	5.0	4.5	4.5	5.0	6.5	9.0	41.1600	87.6686	F
RZLI3	05522500	KDF	Rensselaer	Iroquois River	12.0	11.0	11.0	12.0	14.0	15.0	40.9333	87.1289	F
FSMI3	05524500	KDF	Iroquois River Near Foresman	Iroquois River	18.0	15.0	15.0	18.0	22.0	24.0	40.8706	87.3067	F
IRQI2	05525000	KDF	Iroquois	Iroquois River	18.0	17.0	17.0	18.0	24.0	25.0	40.8236	87.5819	F
MILI2	05525500	KDF	Milford 1W	Sugar Creek	18.0	15.0	15.0	18.0	22.0	26.0	40.6300	87.7239	F
CHBI2	05526000	KDF	Chebanse 5E	Iroquois River	16.0	15.0	15.0	16.0	18.0	20.0	41.0089	87.8242	F
WLMI2	05527500	KDF	Wilmington 3NW	Kankakee River	6.5	5.0	5.0	6.5	8.0	10.0	41.3467	88.1864	F
COLI2	05542												

ALPI2	FFH	Rockford - Alpine Dam	Keith Creek	193.0	N/A	N/A	193.0	N/A	N/A	42.2717	89.0250	H
LEVI2	FFH	Rockford - Levings Lk	South Branch Kent Creek	748.0	N/A	N/A	748.0	N/A	N/A	42.2600	89.1300	H
PPLI2	FFH	Rockford - Page Park Lk	Kent Creek	766.0	N/A	N/A	766.0	N/A	N/A	42.3067	89.1583	H

*** LSX - St. Louis, MO

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
NLGI2	05585100	#	ILO La Grange L&D 8	Illinois River	23.0	21.0	21.0	23.0	27.0	29.0	39.9403	90.5344	MF
MROI2	05585500	ILO	Meredosia Pwr Plant	Illinois River	17.0	14.0	14.0	17.0	22.0	24.0	39.8233	90.5681	MEF
VALI2	05586100	ILO	Valley City	Illinois River	14.0	11.0	11.0	14.0	21.0	23.0	39.7033	90.6453	MEF
HARI2	05587060	ILO	Hardin	Illinois River	25.0	24.0	24.0	25.0	31.0	32.0	39.1603	90.6153	MEF
VNDI2	05592500	KBM	Vandalia WWTP	Kaskaskia River	18.0	16.0	16.0	18.0	24.0	26.0	38.9653	89.0889	F
NASI2	05595000	KBM	New Athens	Kaskaskia River	79.0	77.0	77.0	79.0	82.0	85.0	38.3197	89.8886	F
KCAI2	05593000	KBM	Carlyle - Us Hwy 50	Kaskaskia River	16.5	15.0	15.0	16.5	23.0	27.0	38.6103	89.3575	F
SEEM7	07013000	MEC	Steelville 2N	Meramec River	12.0	10.0	10.0	12.0	20.0	25.0	37.9986	91.3608	FH
SLLM7	07014500	MEC	Sullivan 4SE	Meramec River	11.0	9.0	9.0	11.0	20.0	29.0	38.1586	91.1083	F
UNNM7	07016500	MEC	Union	Bourbeuse River	15.0	13.0	13.0	15.0	22.0	26.0	38.4458	90.9917	FH
PCFM7	07017020	MEC	Pacific	Meramec River	15.0	13.0	13.0	15.0	23.0	27.0	38.4672	90.7350	F
BYRM7	07018500	MEC	Byrnesville 2NNE	Big River	16.0	13.0	13.0	16.0	20.0	28.0	38.3625	90.6514	FH
ERKM7	07019000	MEC	Eureka 2E	Meramec River	19.0	17.0	17.0	19.0	26.0	31.0	38.5047	90.5908	F
VLLM7	07019130	MEC	Valley Park	Meramec River	18.0	11.0	11.0	18.0	21.0	27.0	38.5464	90.4850	F
FNNM7	07019210	MEC	Fenton 1E - New Gravois Rd	Meramec River	23.0	22.0	22.0	23.0	29.0	32.0	38.5122	90.4314	F
ARNM7	07019300	MEC	Arnold 1N	Meramec River	24.0	22.0	22.0	24.0	35.0	38.0	38.4567	90.3606	F
CSNM7	07010350	FFH	Cook Station 1N	Meramec River	7.0	N/A	5.5	7.0	N/A	N/A	37.8292	91.4375	H
CANM7	05495150	#	MIS Canton L&D 20	Mississippi River	15.0	13.0	13.0	15.0	20.0	25.0	40.1444	91.5147	MF
LGRM7		MIS	La Grange	Mississippi River	17.0	16.0	16.0	17.0	23.0	25.0	40.0397	91.4973	FM
UINI2		MIS	Quincy - Memorial Brdg	Mississippi River	19.0	17.0	17.0	19.0	22.0	26.0	39.9322	91.4161	MF
QLDI2		MIS	Quincy 3SSW - L&D 21	Mississippi River	18.0	16.0	16.0	18.0	21.0	25.0	39.9036	91.4283	MF
HNNM7	05501600	#	MIS Hannibal WTP	Mississippi River	17.0	15.0	15.0	17.0	22.0	24.0	39.7119	91.3544	MEF
SVRM7		MIS	Saverton L&D 22	Mississippi River	16.0	14.0	14.0	16.0	20.0	24.0	39.6336	91.2472	MF
LUSM7		MIS	Louisiana WTP	Mississippi River	15.0	13.0	13.0	15.0	20.0	25.0	39.4526	91.0466	MF
CLKM7		MIS	Clarksville L&D 24	Mississippi River	25.0	23.0	23.0	25.0	31.0	33.0	39.3733	90.9047	MF
CAGM7	05513675	#	MIS Cap Au Gris (Winfield) L&D 25	Mississippi River	26.0	24.0	24.0	26.0	30.0	34.0	39.0008	90.6875	MF
GRFI2	05587450	MIS	Grafton (Pool 26 CP)	Mississippi River	20.0	18.0	18.0	20.0	24.0	29.0	38.9681	90.4283	MEF
ALOI2	05587498	MIS	Alton	Mississippi River	21.0	20.0	20.0	21.0	24.0	31.0	38.8864	90.1826	F
ALNI2	05587541	#	MIS Alton 2SE - Melvin Price L&D	Mississippi River	21.0	19.0	19.0	21.0	29.0	34.0	38.8669	90.1489	MEF
EADM7	07010000	MIS	St Louis (Eads Bridge)	Mississippi River	30.0	28.0	28.0	30.0	35.0	40.0	38.6289	90.1797	MEF
HRCM7		MIS	Herculaneum 1NE	Mississippi River	26.0	24.0	24.0	26.0	32.0	37.0	38.2660	90.3730	F
CHSI2	07020500	MIS	Chester	Mississippi River	27.0	25.0	25.0	27.0	35.0	40.0	37.9007	89.8302	MEF
LSTM7		FFH	Lake St Louis	Peruque Creek	500.0	N/A	N/A	500.0	N/A	N/A	38.8017	90.7661	H
RIPI2	05585000	SSL	Ripley	La Moine River	22.0	18.0	18.0	22.0	23.0	27.0	40.0253	90.6319	F
EWNM7	05497150	TMO	Ewing 5E	North Fabius River	11.0	9.0	9.0	11.0	17.0	20.0	40.0189	91.6219	FH
EWMW7	05498150	TMO	Ewing 1NNE	Middle Fabius River	12.0	9.5	9.5	12.0	17.0	20.0	40.0289	91.7056	FH
TAYM7	05500000	TMO	Taylor 5SW	South Fabius River	10.0	7.0	7.0	10.0	14.0	19.0	39.8967	91.5803	FH
PALM7	05501000	TMO	Palmyra 2NW	North River	13.0	11.0	11.0	13.0	16.0	22.0	39.8169	91.5461	FH
PMZM7	05506350	TMO	Holliday 2N	Middle Fork Salt River	17.0	15.0	15.0	17.0	22.0	26.0	39.5242	92.1278	FH
NLDM7	05508000	TMO	New London	Salt River	19.0	17.0	17.0	19.0	25.0	27.0	39.6122	91.4072	F
TRYM7	05514500	TMO	Troy	Cuivre River	21.0	19.0	19.0	21.0	25.0	29.0	39.0089	90.9775	FH
OMNM7	05514705	TMO	Old Monroe	Cuivre River	24.0	22.0	22.0	24.0	27.0	30.0	38.9289	90.7458	F
DRCM7	05514860	TMO	St Peters	Dardenne Creek	18.0	16.0	16.0	18.0	20.0	23.0	38.8033	90.6350	FH
LSLM7	05514712	#	FFH Lake St Louis	Peruque Creek	8.0	N/A	7.0	8.0	10.0	13.0	38.7869	90.8275	H

*** MKX - Milwaukee, WI

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
PCNW3	04073365	EWS	Princeton	Fox River	9.5	7.5	7.5	9.5	11.0	12.0	43.8511	89.1339	F
BERW3	04073500	EWS	Berlin	Fox River	13.0	12.0	12.0	13.0	14.5	16.0	43.9539	88.9522	F
SEBW3	04086000	EWS	Sheboygan	Sheboygan River	8.0	6.0	6.0	8.0	10.0	12.0	43.7417	87.7539	FH
FRKW3	04087220	EWS	Franklin	Root River	8.0	7.0	7.0	8.0	10.0	12.0	42.8736	87.9958	F
RAYW3	04087233	EWS	Raymond	Root River Canal	9.0	7.0	7.0	9.0	11.0	12.0	42.8153	87.9944	F
RACW3	04087240	EWS	Racine	Root River	7.0	6.0	6.0	7.0	7.5	8.0	42.7514	87.8236	F
CDRW3	04086500	EWS	Cedarburg	Cedar Creek	10.0	9.0	9.0	10.0	11.0	12.0	43.3231	87.9786	F
CEDW3	04086600	EWS	Cedarburg 3SE	Milwaukee River	11.0	10.0	10.0	11.0	13.0	14.0	43.2798	87.9429	F
KINW3	04087159	FFH	Milwaukee - S 11th St	Kinnickinnic River	16.0	N/A	N/A	16.0	17.0	18.0	42.9975	87.9264	H
WWTW3	04087120	FFH	Wauwatosa	Menomonee River	11.0	N/A	8.0	11.0	15.0	18.0	43.0456	87.9997	H
WKEW3	05543830	KDF	Waukesha	Fox River	6.0	5.0	5.0	6.0	8.0	10.0	43.0047	88.2436	FH
NMSW3	05545750	KDF	New Munster 2N	Fox River	11.0	10.0	10.0	11.0	13.0	14.0	42.6108	88.2258	F
BUNW3	05415000	#	FFH Hazel Green 3ESE-Buncombe Rd	Galena River	15.0	N/A	14.5	15.0	17.0	19.0	42.5136	90.3778	H
WATW3	05425500	RCK	Watertown WWTP	Rock River	5.5	4.0	4.0	5.5	6.0	6.5	43.1881	88.7261	F
MILW3	05426000	RCK	Milford	Crawfish River	7.0	5.0	5.0	7.0	9.0	10.0	43.1000	88.8494	F
JFFW3	05426031	RCK	Jefferson	Rock River	10.0	8.0	8.0	10.0	11.0	13.0	42.9961	88.8072	F
FATW3	05427085	RCK	Fort Atkinson	Rock River	16.0	14.5	14.5	16.0	17.0	18.0	42.8833	88.8333	F
NVLW3	05427235	RCK	Newville - Lk Koshkonong	Rock River	10.0	9.0	9.0	10.0	11.0	11.5	42.8575	88.9408	F
AFTW3	05430500	RCK	Afton - WWTP	Rock River	9.0	8.0	8.0	9.0	11.1	12.2	42.6092	89.0706	FH
CLIW3	05431486	RCK	Clinton	Turtle Creek	8.0	6.0	6.0	8.0	10.0	12.0	42.5972	88.8292	F
DARW3	05432500	RCK	Darlington WWTP	Pecatonica River	13.5	10.0	10.0	13.5	15.0	16.0	42.6778	90.1186	FH
BCHW3	05433000	RCK	Blanchardville 2S	East Branch Pecatonica River	11.0	9.0	9.0	11.0	14.0	16.0	42.7856	89.8611	FH
MTNW3	05434500	RCK	Martintown 2E	Pecatonica River	13.5	9.5	9.5	13.5	18.0	21.0	42.5094	89.7994	FH
ALBW3		RCK	Albany	Sugar River	12.0	8.0	8.0	12.0	13.0	14.0	42.7058	89.4381	F
BROW3	05436500	RCK	Brodhead WWTP	Sugar River	5.0	4.5	4.5	5.0	8.0	10.0	42.6117	89.3981	F
WDEW3	05404000	WIS	Wisconsin Dells	Wisconsin River	16.0	13.0	13.0	16.0	17.6	18.9	43.6167	89.7833	F
PORW3		WIS	Portage	Wisconsin River	17.0	12.7	12.7	17.0	18.0	19.0	43.5392	89.4736	F
RBGW3	054041665	WIS	Reedsburg	Baraboo River	14.0	12.0	12.0	14.0	16.0	18.0	43.5325	90.0111	F
RSPW3		WIS	Rock Springs	Baraboo River	18.5	13.5	13.5	18.5	21.0	23.0	43.4775	89.9161	F
BBOW3		WIS	Baraboo - Shaw St	Baraboo River	9.0	7.0	7.0	9.0	10.5	12.5	43.4708	89.7594	F
BABW3	05405000	WIS	Baraboo	Baraboo River	16.0	14.0	14.0	16.0	22.0	23.1	43.4833	89.6333	F
BLEW3	05406500	WIS	Black Earth 1E	Black Earth Creek	5.5	5.0	5.0	5.5	7.0	8.0	43.1342	89.7322	F
MAZW3		FFH	Mazomanie	Black Earth Creek	10.0	N/A	8.0	10.0	13.0	15.0	43.1764	89.8183	H

*** MPX - Minneapolis, MN

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
FLCW3	05366500	#	CHP Fall Creek 3N	Eau Claire River	11.0	10.0	10.0	11.0	14.0	17.0	44.8097	91.2806	F
ECLW3	05366800	CHP	Eau Claire	Chippewa River	773.0	764.0	764.0	773.0	776.0	778.0	44.8114	91.4983	F
DURW3	05369500	CHP	Durand	Chippewa River	13.0	12.0	12.0	13.0	15.5	17.0	44.6308	91.9714	F
PNLM5		FFH	Pine Island 1S	Middle Fork Zumbro River	17.0	N/A	16.0	17.0	19.0	21.0	44.1928	92.6492	H
PILM5	05373130	#	FFH Pine Island	N Br Mdl Fk Zumbro River	9.0	N/A	8.0	9.0	11.0	13.0	44.2028	92.6450	H
WGOM5		FFH	Wanamingo 1NW	North Fork Zumbro River	18.0	N/A	17.0	18.0	20.0	22.0	44.3125	92.8131	H
DAWM5	05299800	#	MIN Dawson	West Branch Lac Qui Parle River	39.0	36.0	36.0	39.0	40.0	42.0	44.9297	96.0514	F
MVOM5	05311000	MIN	Montevideo	Minnesota River	14.0	12.0	12.0	14.0	16.0	17.5	44.9333	95.7333	F
GTEM5	05311150	MIN	Granite Falls	Minnesota River	885.0	883.0	883.0	885.0	889.0	892.0			

STPM5	05331000	RDW	St Paul - Robert St Bridge	Mississippi River	14.0	10.0	10.0	14.0	15.0	17.0	44.9444	93.0881	MEF
HSTM5	05331578	#	RDW Hastings L&D 2	Mississippi River	15.0	13.0	13.0	15.0	17.0	18.0	44.7594	92.8678	MF
MOAM5	05337500	#	RDW Mora	Snake River	11.0	9.0	9.0	11.0	13.0	14.0	45.8639	93.2967	F
STLM5	05341550		RDW Stillwater	St Croix River	87.0	80.0	80.0	87.0	88.0	89.0	45.0561	92.8039	MF
RDWM5			RDW Red Wing L&D 3	Mississippi River	680.5	679.5	679.5	680.5	681.5	683.0	44.6103	92.6100	MF
NRFM5	05355024		RDW Northfield - 2nd St	Cannon River	897.0	895.0	895.0	897.0	899.0	900.0	44.4586	93.1597	F
REDM5	05355250		RDW Red Wing	Mississippi River	14.0	12.0	12.0	14.0	15.0	16.0	44.5653	92.5425	MF

*** MQT - Marquette, MI

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
WLKM4	04062400	#	MEN Witch Lake 2S-below Witch Lk	Michigamme River	9.0	8.5	8.5	9.0	10.0	12.0	46.2467	88.0125	F
CRYM4	04061500	#	MEN Crystal Falls 1NW	Paint River	7.0	5.5	5.5	7.0	8.0	9.5	46.1058	88.3347	FH
CHPM4	04062200	#	FFH Champion 4NW	Peshekee River	8.5	N/A	2.5	8.5	11.0	13.0	46.5569	88.0025	H
CSPM4	04060500		FFH Caspian	Iron River	11.0	N/A	10.0	11.0	13.0	15.0	46.0586	88.6272	H
BESM4	04031000		UPM Bessemer 3NW	Black River	10.0	9.5	9.5	10.0	12.0	14.0	46.5114	90.0744	FH
RKLM4	04040000		UPM Rockland 2SW	Ontonagon River	25.0	23.0	23.0	25.0	26.0	28.0	46.7208	89.2069	F
SNWM4	04040500		UPM Sidnaw 9NE	Sturgeon River	12.0	11.0	11.0	12.0	15.0	17.0	46.5842	88.5758	FMBH
ALSM4	04041500		UPM Alston 5SE	Sturgeon River	8.0	7.5	7.5	8.0	11.0	14.0	46.7264	88.6619	F
HRVM4	04044588	#	UPM Harvey	Chocolay River	10.0	9.5	9.5	10.0	11.5	13.0	46.4958	87.3503	F
GNNM4			UPM Gwinn 1N	East Branch Escanaba River	7.0	6.5	6.5	7.0	9.0	12.0	46.2781	87.4361	FH
HUMM4	04057800		UPM Humboldt	Middle Branch Escanaba River	6.5	6.0	6.0	6.5	8.0	9.0	46.4992	87.8864	FH
TRRM4	04043050		FFH Lake Linden 2NE	Trap Rock River	10.5	N/A	9.5	10.5	12.0	13.5	47.2286	88.3853	H
MSQM4	04056500		FFH Manistique 6NE	Manistique River	12.0	N/A	11.0	12.0	N/A	N/A	46.0306	86.1611	H
BGLM4	04036000		FFH Bergland 2E	West Branch Ontonagon River	8.0	N/A	5.0	8.0	N/A	N/A	46.5875	89.5417	H
PAUM4	04033000		FFH Paulding 6SE	Middle Branch Ontonagon River	12.0	N/A	11.0	12.0	14.0	16.0	46.3569	89.0772	H
FRDM4	04059500		FFH Hyde 2N	Ford River	8.0	N/A	6.0	8.0	11.0	13.0	45.7556	87.2014	H
SLVM4	04043150		FFH L'Anse 7NE	Silver River	14.0	N/A	13.0	14.0	17.0	19.0	46.8042	88.3169	H
NJNM4	04057510		FFH Nahma Junction 3N	Sturgeon River	10.0	N/A	8.0	10.0	14.0	16.0	45.9431	86.7056	H

*** PAH - Paducah, KY

NWSLI	USGS ID	Group	Station Name	River Name	FS	RFC FIS	WFO Action	MINOR	MOD	MAJOR	LAT (N)	LON (W)	FCST TYPE
PLMI2	05597000		KBM Plumfield	Big Muddy River	20.0	18.0	18.0	20.0	27.0	34.0	37.8914	89.0194	F
MURI2	05599490		KBM Murphysboro 2SW-WWTP & Rte 127	Big Muddy River	22.0	20.0	20.0	22.0	28.0	36.0	37.7583	89.3278	F

NCRFC active data points by HSA

Generated Sunday December 29 2024

- Not currently an active realtime USGS Surface Water Station.

*** ABR - Aberdeen, SD

NWSLI	USGS ID	Group	Station Name	River Name	LAT (N)	LON (W)
BCPS2	05289985	#	MINDATA Peever 4S	Big Coulee Creek	45.4872	96.9572
BSTS2			MINDATA Big Stone City 2NW	Minnesota River	45.2995	96.4997
BGCS2	05291000		MINDATA Big Stone City 2W	Whetstone River	45.2922	96.4872
WHRM5	05050000		REDDATA White Rock Dam (Wheaton 5NW)/Mud Lk	Boix De Sioux River	45.8625	96.5736
HRMM5	05047490	#	REDDATA Herman 6W	Fivemile Creek	45.8033	96.2586
TRAM5	05049710		REDDATA Browns Valley 15NE-Reservation Dam	Lake Traverse	45.7689	96.6383
MLWM5			REDDATA Mud Lake Near Wheaton 4NW	Mud Lake	45.8358	96.5728
WEAM5	05049000		REDDATA Wheaton - Hwy 75	Mustinka River	45.8208	96.4906
TMCM5			REDDATA Wheaton 8NE - CSAH14	Twelvemile Creek	45.8606	96.3589
DUMM5	05047850	#	REDDATA Dumont 4E	Twelve Mile Creek	45.7161	96.3486
DMTM5			REDDATA Dumont	West Branch 12 Mile Creek	45.7161	96.4222

*** APX - N. Central Lower Michigan, MI

NWSLI	USGS ID	Group	Station Name	River Name	LAT (N)	LON (W)
VGCM4	04121300		GNDDATA Vogel Center	Clam River	44.2006	85.0528
LPNM4			NLMDDATA Alpena		45.0633	83.4283
ASBM4	04137500		NLMDDATA Au Sable 5WNW	Au Sable River	44.4363	83.4339
CSVM4	04137005		NLMDDATA Curtisville 3E	Au Sable River	44.5608	83.8028
MIOM4	04136500		NLMDDATA Mio	Au Sable River	44.6600	84.1311
MULM4	04130000	#	NLMDDATA Cheboygan 5S	Cheboygan River	45.5772	84.4875
EJJM4	04127800		NLMDDATA East Jordan 4SSE	Jordan River	45.1025	85.0981
GYMM4	04123500	#	NLMDDATA Grayling	Manistee	44.6931	84.8472
MSKM4	04124200		NLMDDATA Mesick 6SW - Hodenpyl Dam	Manistee River	44.3631	85.8208
WLSM4	04125550		NLMDDATA Wellston 3NNE - Below Tippy Dam	Manistee River	44.2594	85.9394
SVRM4	04128990		NLMDDATA Vanderbilt 10E - Sturgeon Valley Rd	Pigeon River	45.1567	84.4667
HOXM4	04125460		NLMDDATA Hoxeyville 3W	Pine River	44.1933	85.7697
HONM4	04126740		NLMDDATA Honor 1W	Platte River	44.6681	86.0347
LUZM4	04135700		NLMDDATA Luzerne 9W	South Branch Au Sable River	44.6147	84.4556
WOLM4	04127997		NLMDDATA Wolverine	Sturgeon River	45.2744	84.6000
BOLM4	04133501		NLMDDATA Bolton 5SW	Thunder Bay River	45.1242	83.6356
BEVM4	04152238		SMWDDATA Beaverton 3WSW	South Branch Tobacco River	43.8669	84.5453

*** ARX - La Crosse, WI

NWSLI	USGS ID	Group	Station Name	River Name	LAT (N)	LON (W)
ASNM5	05457000		CIWDDATA Austin 3S	Cedar River	43.6372	92.9744
OSGI4	05457505	#	CIWDDATA Osage 2W	Cedar River	43.2836	92.8525
IONI4	05458000		CIWDDATA Ionia 2W	Little Cedar River	43.0333	92.5033
ELRI4			M10DATA West Union 5NW (Near Eldorado)	Little Turkey River	43.0089	91.8694
AMAW3			M10DATA Alma (Pool 5 CP)	Mississippi River	44.2842	91.9267
BRWM5	05386400		M10DATA Brownsville	Mississippi River	43.6867	91.2725
CLAI4	05411500		M10DATA Clayton (Pool 10 CP)	Mississippi River	42.9036	91.1458
DKTM5			M10DATA Dakota (Pool 7 CP)	Mississippi River	43.9139	91.3583
ELGI4	05411900	#	M10DATA Elgin	Otter Creek	42.9522	91.6428
HKHM5			M10DATA Hokah WWTP	Root River	43.7661	91.3447
MDPM5			M10DATA Mound Prairie	Root River	43.7814	91.4464
RPM5	05383950		M10DATA Pilot Mound 2S	Root River	43.7847	92.0300
RSFM5	05384350		M10DATA Rushford 2W	Root River	43.7978	91.8039
OXBM5			M10DATA Post Town /ALERT/	S Br Mdl Fk Zumbro River	44.0908	92.6361
CMAM5			M10DATA Carimona	South Branch Root River	43.6603	92.1544
HUSM5	05385500		M10DATA Houston 2S	South Fork Root River	43.7386	91.5639
SFZM5			M10DATA Rochester 5SW - CR104	South Fork Zumbro River	43.9792	92.5583
CMTI4			M10DATA Clermont	Turkey River	42.9975	91.6583
EDRI4	05411850		M10DATA Eldorado 1E	Turkey River	43.0542	91.8089
FAYI4	05412340	#	M10DATA Fayette 1W	Volga River	42.8442	91.8181
VLPI4	05412400		M10DATA Littleport	Volga River	42.7539	91.3689
BVRM5	05376800	#	M10DATA Beaver	Whitewater River	44.1508	92.0050
YRII4	05389000		M10DATA Ion	Yellow River	43.1119	91.2650
KELM5	05374900	#	M10DATA Kellogg	Zumbro River	44.3122	92.0039
LKZM5			M10DATA Zumbro Falls 6SW-Lk Zumbro	Zumbro River	44.2128	92.4800
HAAW3			WISDATA Hatfield 4NE - Hwy 95 Brdg	Black River	44.4653	90.6767
HATW3	05381180	#	WISDATA Hatfield Hydro Plant	Black River	44.3892	90.7603
HEFW3			WISDATA Hatfield 4E - East Fork Rd	East Fork Black River	44.4178	90.6397
LCRW3	05383075		WISDATA La Crosse 4NE	La Crosse River	43.8565	91.2062
SPAW3	05382325		WISDATA Sparta	La Crosse River	43.9375	90.8106
WSAW3	05383000	#	WISDATA West Salem	La Crosse River	43.9008	91.1183
NLSW3	05403500		WISDATA New Lisbon	Lemonweir River	43.8797	90.1611
PETW3	05401400	#	WISDATA Necedah 3NE-Petenwell Dam	Wisconsin River	44.0575	90.0219
YELW3	05363600		WLSDDATA Perkinstown	North Fork Yellow River	45.2986	90.5965

*** BIS - Bismark, ND

NWSLI	USGS ID	Group	Station Name	River Name	LAT (N)	LON (W)
BRDQ8			SRSDDATA Estevan 3W	Boundary Rsvr Diversion Canal	49.1475	103.1086
CKEQ8			SRSDDATA Goodwater 7SE	Cooke Creek	49.3519	103.6131
UPHN8	05123510		SRSDDATA Upham 6W	Deep River	48.5842	100.8622

CLBN8	05113750	SRSDATA	Columbus 6N (Rsvr)	East Branch Short Creek	48.9906	102.7853
RADQ8		SRSDATA	Radville 6NW	Gibson Creek	49.4839	104.3364
JEWQ8		SRSDATA	Goodwater 1SSW	Jewel Creek	49.3861	103.7117
LCKQ8		SRSDATA	Estevan 2S	Long Creek	49.1042	103.0133
BNDQ8		SRSDATA	Estevan 3SSW - Boundary Rsvr	Long Creek	49.0969	103.0244
MXMQ8		SRSDATA	Maxim 4S	Long Creek	49.2589	103.9561
NOON8	05113600	SRSDATA	Noonan 7NNW	Long Creek	48.9811	103.1589
TORQ8	05113360	# SRSDATA	Torquay 12SE (Western Crossing)	Long Creek	49.0003	103.3522
ALAQ8		SRSDATA	Alameda 8E - Grant Devine Rsvr	Moose Mountain Creek	49.2603	102.2286
MALQ8		SRSDATA	Manor 18SW - Abv Alameda Rsvr	Moose Mountain Creek	49.5228	102.1697
MMOQ8		SRSDATA	Oxbow 8WNW	Moose Mountain Creek	49.2328	102.2281
CRNQ8		SRSDATA	Corning 14SSW - Moose Mtn Lk	Moose Mountain Lake	49.8936	103.0303
MOSQ8		SRSDATA	Halbrite 2W	Mosely Creek	49.4944	103.6294
SCAQ8		SRSDATA	Alameda 2N	Shepherd Creek	49.3472	102.2569
SHTQ8	05113800	# SRSDATA	Roche Percee 8SW	Short Creek	49.0311	102.8492
SBRQ8		SRSDATA	Estevan 2W - Blo Rafferty Rsvr	Souris River	49.1433	103.0822
RAFQ8		SRSDATA	Estevan - Rafferty Rsvr	Souris River	49.1461	103.0939
DARN8	05115500	SRSDATA	Foxholm - Lk Darling	Souris River	48.4575	101.5872
HALQ8		SRSDATA	Halbrite 13W	Souris River	49.4936	103.6622
VRNN8	05120000	SRSDATA	Verendrye	Souris River	48.1597	100.7292
WNLQ8		SRSDATA	Weyburn 7SSE - Nickle Lk	Souris River	49.5756	103.7689
TATQ8		SRSDATA	Weyburn 5SW	Tatagwa Lake Drain	49.5994	103.9472
YLWQ8		SRSDATA	Yellowgrass 16SE	Yellow Grass Ditch	49.7864	104.0378
HVYN8	05054500	TNDDATA	Harvey 5S	Sheyenne River	47.7028	99.9486

*** DLH - Duluth, MN ***

NWSLI	USGS ID	Group	Station Name	River Name	LAT (N)	LON (W)
POWW3	05357335	CHPDATA	Powell 2SW	Bear River Nr Manitowish Waters	46.0489	89.9844
WERW3	05356000	CHPDATA	Winter 4NW - Bishops Brdg	Chippewa River	45.8492	91.0789
SFFW3	05359500	CHPDATA	Phillips 10W	South Fork Flambeau River	45.7034	90.6158
WTNM5	05127500	LOWDATA	Winton 14NE	Basswood River	48.0819	91.6528
BIFM5	05132000	LOWDATA	Big Falls	Big Fork River	48.1958	93.8069
DKAM5		LOWDATA	Babbitt 4E	Dunka River	47.6986	91.8683
DRBM5		LOWDATA	Babbitt 6SE	Dunka River	47.6489	91.8492
FLSM5	05124990	# LOWDATA	Ely 9SE	Filson Creek	47.8347	91.6742
KAWM5	05124480	LOWDATA	Ely 14E	Kawishiwi River	47.9228	91.5350
GDNM5	05127000	# LOWDATA	Winton 1E - Garden Lake	Kawishiwi River	47.9336	91.7642
LCBM5		LOWDATA	Babbitt 5ESE	Langley Creek	47.6661	91.8589
LDNM5		LOWDATA	Linden Grove	Little Fork River	47.8586	92.8700
RNYM5	05129515	LOWDATA	International Falls (below)	Rainy River	48.5922	93.4467
MNUM5	05133500	LOWDATA	Manitou Rapids 4W	Rainy River	48.6344	93.9131
BISM5		LOWDATA	Babbitt 9NE - Birch Lk	South Kawishiwi River	47.8161	91.7847
IRNM5		LOWDATA	Ely 2E - White Iron Lk	South Kawishiwi River	47.8961	91.7883
SKWM5	05126210	LOWDATA	Ely 5SE-Abv White Iron Lk	South Kawishiwi River	47.8419	91.7989
BOYM5		RDWDATA	Boy River 6S	Boy River	47.0808	94.0981
PLLM5		RDWDATA	Pillager	Crow Wing River	46.3158	94.4847
PLGM5	05247500	RDWDATA	Pillager 5SE - Sylvan Dam	Crow Wing River	46.3050	94.3772
SYLM5		RDWDATA	Pillager 5SE - Sylvan Dam	Crow Wing River	46.3047	94.3775
GLKM5		RDWDATA	East Gull Lake - Gull Lk	Gull River	46.4111	94.3594
GLLM5	05247000	# RDWDATA	Gull Lake Dam (Brainerd 9NW)	Gull River	46.4111	94.3533
SANM5	05336700	RDWDATA	Sandstone	Kettle River	46.1056	92.8639
LEEM5	05205900	RDWDATA	Federal Dam 5SW - Sugar Point	Leech Lake	47.1706	94.2867
LLRM5	05207500	# RDWDATA	Ball Club 5SSW - Abv Mud Lk Dam	Leech Lake River	47.2708	93.9489
FEDM5	05206000	# RDWDATA	Leech Lake Dam	Leech Lake River	47.2467	94.2228
WILM5	05207600	RDWDATA	Ball Club 2SE (Willow Beach)	Mississippi River	47.3025	93.9014
WNBM5	05201500	# RDWDATA	Ball Club 9NW-Lk Winnibigosh (Dam)	Mississippi River	47.4295	94.0515
DAYM5	05210000	RDWDATA	Cohasset 9W (Days High Landing)	Mississippi River	47.2519	93.8000
MGRM5	05211000	RDWDATA	Grand Rapids	Mississippi River	47.2333	93.5232
POKM5		RDWDATA	Grand Rapids 3W/CR63-Pokegama Lake	Mississippi River	47.2353	93.6111
PKGM5	05210700	# RDWDATA	Grand Rapids 3WNW-Pokegama Dam	Mississippi River	47.2508	93.5861
ATDM5	05227530	RDWDATA	Aitkin 4NNE	Mississippi River Diversion	46.5917	93.6869
LEOW3	05331833	RDWDATA	Cable 3SW (Leonards)	Namekagon River	46.1714	91.3292
TGOW3	05332500	# RDWDATA	Trego 4NW	Namekagon River	45.9481	91.8881
NOKM5		RDWDATA	Ft Ripley 3NE - Nokasippi River	Nokasippi River	46.2000	94.3178
CRLM5	05231000	# RDWDATA	Cross Lake Dam	Pine River	46.6692	94.1122
PRJM5		RDWDATA	Jenkins 4NNE	Pine River	46.6936	94.3042
MISM5		RDWDATA	Mission 2SSE	Pine River	46.5714	94.0278
PGRM5		RDWDATA	Grand Rapids	Prairie River	47.2447	93.4871
PRAM5	05213000	# RDWDATA	Grand Rapids 4N	Prairie River	47.2853	93.4978
SDYM5	05218500	# RDWDATA	Libby - Sandy Lake Dam	Sandy River	46.7889	93.3194
MCGM5		RDWDATA	McGrath 2SE	Snake River	46.2167	93.2406
GTBW3	05336000	# RDWDATA	Grantsburg	St Croix River	45.9236	92.6397
JACM5		RDWDATA	Jacobson 4NE	Swan River	47.0322	93.1933
PLSM5	05221020	# RDWDATA	Palisade	Willow River	46.7347	93.4850
POTW3	04026900	WLSDATA	Gurney 1S		46.4622	90.5083
BADW3	04026450	# WLSDATA	Mellen 4SSW	Bad River	46.2706	90.7072
BAPM5	04014500	# WLSDATA	Illgen City	Baptism River	47.3378	91.2000
FLRM5		WLSDATA	Fredenber 2SW-Fish Lake Rsvr	Beaver River	46.9564	92.2789
WRLM5		WLSDATA	Fredenber 5SSE-Wild Rice Lake Dam	Beaver River	46.9094	92.1625
BRSW3	04025500	WLSDATA	Brule Ranger Station	Bois Brule River	46.5378	91.5953
CQBM5		WLSDATA	Brimson 2SE	Cloquet River	47.2603	91.8453
CQRM5		WLSDATA	Burnett	Cloquet River	46.8958	92.5150
ALDM5		WLSDATA	Fredenber 10NE-Alden Lake	Cloquet River	47.0581	92.0275
ILRM5		WLSDATA	Fredenber 1NNW-Island Lake	Cloquet River	46.9919	92.2258
FLDM5		WLSDATA	Floodwood 3NE	Floodwood River	46.9275	92.9150
NEMM5		WLSDATA	Wrenshall 7S	Nemadji River	46.5175	92.3897
MOQW3	040263491	# WLSDATA	Moquah 2SE	North Fish Creek	46.5489	91.0619
BLRM5	04022750	# WLSDATA	Fredenber 3NW-Boulder Lake Rsvr	Otter River	47.0528	92.2000
PARM5	04015447	# WLSDATA	Babbitt 6S	Partridge River	47.6194	91.9256
HYLM5		WLSDATA	Hoyt Lakes 2NW - Colby Lk	Partridge River	47.5417	92.1678
GDPM5	04010500	WLSDATA	Grand Portage & 5NE - Middle Falls	Pigeon River	48.0122	89.6161
POPM5		WLSDATA	Lutsen 2WSW	Poplar River	47.6403	90.7108
SCCM5		WLSDATA	Aurora 3NE	Second Creek	47.5236	92.1933
SUSW3	04026157	# WLSDATA	Cornucopia 3S	SISKIWIT	46.8048	91.0930
STUM5		WLSDATA	Two Harbors 3NNW	Stewart River	47.0710	91.6887
FDWM5		WLSDATA	Floodwood	St Louis River	46.9289	92.9044
FOBM5		WLSDATA	Forbes 4ESE	St Louis River	47.3672	92.5044
SCAM5		WLSDATA	Scanlon - Dam	St Louis River	46.7086	92.4169
BKNM5	04021520	WLSDATA	Brookston 7SW (Pine Dr)	Stony Brook	46.7817	92.6367
MRKM5		WLSDATA	Markham 2SE - Whiteface Rsvr	Whiteface River	47.2817	92.1886
WHRW3	04027500	WLSDATA	Ashland 6S	White River	46.4972	90.9042
WTLW3	040263205	WLSDATA	Ashland 4WNW	Whittlesey Creek	46.5944	90.9631
WYMM5		WLSDATA	Wymann Creek nr Hoyt Lakes 6NE	Wymann Creek	47.5910	92.0740

*** DMX - Des Moines, IA ***

NWSLI	USGS ID	Group	Station Name	River Name	LAT (N)	LON (W)
WVLI4	05458300	CIWDATA	Waverly	Cedar River	42.7372	92.4700
TOLI4	05451800	# CIWDATA	Toledo 1NW	Deer Creek	42.0000	92.5886
STBI4	05450400	CIWDATA	Steamboat Rock	Iowa River	42.4081	93.0728
TAMI4	05451810	# CIWDATA	Tama	Iowa River	41.9531	92.5767
HAVI4	05451900	CIWDATA	Haven 1NE	Richland Creek	41.8994	92.4742
EBRI4	05452000	CIWDATA	Elberon 3S	Salt Creek	41.9642	92.3131
NTWI4	05459000	# CIWDATA	Northwood 2S	Shell Rock River	43.4142	93.2206
NPVI4	05451210	CIWDATA	New Providence 2NE	South Fork Iowa River	42.3150	93.1522
MASI4	05459490	CIWDATA	Mason City	Spring Creek	43.2133	93.2108
MTWI4	05451700	CIWDATA	Marshalltown 4SE	Timber Creek	42.0089	92.8522
HRTI4	05452200	CIWDATA	Hartwick 4NW	Walnut Creek	41.8350	92.3861
KSYI4	05458875	# CIWDATA	Kesley 3NNE - T25 Hwy	West Fork Cedar River	42.7039	92.8889
DYSI4	05464220	CIWDATA	Dysart 3N	Wolf Creek	42.2514	92.2986
WWDI4	05481860	# DESDATA	Woodward 4SW	Beaver Creek	41.8006	93.9406
GLDI4	05480820	DESDATA	Goldfield 2SW	Boone River	42.7244	93.9467
GJTI4	05483210	# DESDATA	Grand Junction 3W	Buttrick Creek	42.0181	94.2944
PELI4	05488100	# DESDATA	Pella 4WSW-Red Rock Dam	Des Moines River	41.3697	92.9800
RRDI4	05488110	DESDATA	Pella 5SW - Red Rock Lk (TW)	Des Moines River	41.3647	92.9758

SDTI4	05481650	DESDATA	Saylorville 2W-Saylorville Lk (TW)	Des Moines River	41.6806	93.6681
SAYI4	05481630	# DESDATA	Saylorville 3WNW (Dam)	Des Moines River	41.7036	93.6892
SWNI4	05487520	DESDATA	Swan	Des Moines River	41.4894	93.2783
TRCI4	05488500	DESDATA	Tracy 1NE	Des Moines River	41.2814	92.8594
KECI4	05488200	DESDATA	Knoxville 3E	English Creek	41.3006	93.0453
FLZI4	05480080	DESDATA	Fort Dodge 4NW	Lizard Creek	42.5292	94.2567
BAYI4	05483450	DESDATA	Bayard 6SE	Bayle Raccoon River	41.7786	94.4925
PANI4	05483600	DESDATA	Panora	Middle Raccoon River	41.6872	94.3708
PNLI4	05483470	DESDATA	Panora - Lk Panorama	Middle Raccoon River	41.6872	94.3814
LKCI4	05482430	DESDATA	Lake City 7S	North Raccoon River	42.1689	94.7261
SCRI4	05482300	DESDATA	Sac City 5S	North Raccoon River	42.3544	94.9906
RLFI4	05476735	DESDATA	Rolfe 3E	Pilot Creek	42.8058	94.4622
WDMI4	05484600	DESDATA	West Des Moines	Raccoon River	41.5317	93.7817
DLI4	05487980	DESDATA	Dallas 2NW	White Breast Creek	41.2467	93.2903
GLBI4		SSLDATA	Gilbert	Montgomery Creek	42.1314	93.7566
BMFI4	05494300	# TMODATA	Bloomfield 1N	Fox River	40.7694	92.4186

*** DTX - Detroit, MI ***

NWSLI	USGS ID	Group	Station Name	River Name	LAT (N)	LON (W)
MEMM4	04160600	SMSDATA	Memphis	Belle River	42.9008	82.7692
AHCM4	04161000	SMSDATA	Auburn Heights	Clinton River	42.6333	83.2244
CSHM4	04161820	SMSDATA	Sterling Heights	Clinton River	42.6144	83.0267
MFHM4	04170000	# SMSDATA	Milford 2SW	Huron River	42.5789	83.6267
NHHM4	04170500	# SMSDATA	New Hudson 3W	Huron River	42.5125	83.6764
KTLM4	04170490	# SMSDATA	New Hudson 3W - Kent Lk	Huron River	42.5125	83.6761
MBCM4	04164800	SMSDATA	Macomb	Middle Branch Clinton River	42.7064	82.9592
GPEM4	04176500	SMSDATA	Grape	River Raisin	41.9606	83.5311
MCHM4	04175600	SMSDATA	Manchester WWTP	River Raisin	42.1500	84.0167
SALM4	04176400	SMSDATA	Saline WWTP	Saline River	42.1303	83.7758
WAHM4	04150800	SMWDATA	Wahjamega	Cass River	43.4506	83.4414
FOSM4	04149000	SMWDATA	Fosters 1S	Flint River	43.3000	83.9497
OTSM4	04147500	SMWDATA	Otisville 4S	Flint River	43.1111	83.5194
CASM4	04159010	# SMWDATA	Caseville 2E	Pigeon River	43.9394	83.2417
ESVM4	04157070	# SMWDATA	Essexville 3N - Alpin Beach	Saginaw River (mouth)	43.6414	83.8467
CHSM4	04144600	# SMWDATA	Chesaning	Shiawassee River	43.1844	84.1147
SAFM4	04153300	SMWDATA	Sanford - Dam	Tittabawassee River	43.6772	84.3825

*** DVN - Quad Cities, IA ***

NWSLI	USGS ID	Group	Station Name	River Name	LAT (N)	LON (W)
LADI4	05453000	CIWDATA	Ladora	Big Bear Creek	41.7494	92.1819
OXFI4	05454220	CIWDATA	Oxford 3E	Clear Creek	41.7183	91.7400
BPLI4	05452500	CIWDATA	Belle Plaine 3S	Iowa River	41.8591	92.2779
CRVI4	05453510	# CIWDATA	Coralville - Coralville Dam	Iowa River	41.7253	91.5353
CTWI4	05453520	CIWDATA	Coralville - Coralville Dam TW	Iowa River	41.7219	91.5278
NEPI4	05455270	# CIWDATA	North English 4E (Near Parnell)	North Fork English River	41.5263	91.9894
NWBI2	05466500	MI9DATA	New Boston	Edwards River	41.1875	90.9681
FMDI4		MI9DATA	Fort Madison	Mississippi River	40.6283	91.2956
PENI2	05444000	RCKDATA	Penrose	Elkhorn Creek	41.9028	89.6961

*** EAX - Kansas City/Pleasant Hill, MO ***

NWSLI	USGS ID	Group	Station Name	River Name	LAT (N)	LON (W)
BOZM7	06909000	# MISDATA	Boonville	Missouri River	38.9783	92.7536

*** FGF - Eastern North Dakota, ND ***

NWSLI	USGS ID	Group	Station Name	River Name	LAT (N)	LON (W)
CFCN8	05056265	DEVDATA	Churchs Ferry 1SE - Hwy 2	Big Coulee	48.2617	99.1872
DLCN8	05056241	DEVDATA	Penn 5E	Dry Lake	48.2144	98.9831
EDEN8	05056200	DEVDATA	Edmore	Edmore Coulee	48.3372	98.6592
ECTN8	05056215	DEVDATA	Edmore 9E	Edmore Coulee Trib	48.2664	98.6822
LEDN8	05056340	DEVDATA	Leeds 4SE	Little Coulee	48.2436	99.3731
MAVN8	05056019	DEVDATA	Cando 4E	Mauvais Coulee	48.4864	99.1119
CNDN8	05056100	DEVDATA	Cando 6SE	Mauvis Coulee	48.4481	99.1022
MCTN8	05056060	DEVDATA	Cando 2S	Mauvis Coulee Trib No.3	48.4578	99.2233
DLBN8	05056222	DEVDATA	Webster 2SE	Morrison Lake	48.2597	98.8467
WEBN8	05056239	DEVDATA	Webster	Starkweather Coulee	48.3203	98.9397
EWRM5		LOWDATA	Roosevelt 6SSW	East Branch Warroad River	48.7253	95.1336
WHPM5		LOWDATA	Wheeler's Point	Rainy River	48.8303	94.7050
BRRM5	05134200	LOWDATA	Baudette 12S	Rapid River	48.5361	94.5625
CLEM5		LOWDATA	Clementson	Rapid River	48.6903	94.4331
NIMM5	05244000	RDWDATA	Nimrod	Crow Wing River	46.6403	94.8789
LFEM5	05244440	# RDWDATA	Aldrich 7NE - CSAH29	Leaf River	46.4567	94.8414
MSBM5		RDWDATA	Bemidji 2SW	Mississippi River	47.4508	94.9067
BEMM5	05200510	RDWDATA	Bemidji 4E	Mississippi River	47.4833	94.7278
KNUM5		RDWDATA	Pennington 2S - Cass Lk	Mississippi River	47.4517	94.4831
PRKM5	05243725	RDWDATA	Park Rapids 3S-US Hwy 71	Straight River	46.8750	95.0656
DORM5	05051300	REDDATA	Doran	Bois De Sioux River	46.1522	96.5789
ELMN8		REDDATA	Grandin 1N	Elm River	47.2461	97.0047
NOPM5		REDDATA	Tintah 3SE - North Ottawa Impoundment	Judicial Ditch No. 2	45.9917	96.2569
NCMM5		REDDATA	Norcross 1NW	Mustinka River	45.8869	96.2136
BROM5		REDDATA	Breckenridge 11th St	Otter Tail River	46.2744	96.5800
ELZM5	05030500	REDDATA	Elizabeth 6E	Otter Tail River	46.3694	96.0172
OTRM5	05046000	REDDATA	Fergus Falls 7SW-Orwell Dam (TW)	Otter Tail River	46.2097	96.1847
ORWM5	05045950	# REDDATA	Orwell Dam	Otter Tail River	46.2153	96.1778
BTWM5	05046475	REDDATA	Breckenridge	Otter Tail River Diversion	46.2825	96.5822
JAHM5		REDDATA	Campbell 4W	Rabbit River	46.1117	96.4928
EMRQ3	05102500	# REDDATA	Emerson	Red River	49.0039	97.2239
ENLN8	0505152130	REDDATA	Abercrombie 3N (Enloe)	Red River of the North	46.4989	96.7389
TPNN8	05070000	REDDATA	Thompson 8E	Red River of the North	47.7589	96.9436
MDRN8	05052000	REDDATA	Mantador 2W	Wild Rice River	46.1728	97.0106
FWRN8	05051600	REDDATA	Rutland 2S	Wild Rice River	46.0222	97.5111
STBN8	05053500	REDDATA	St Benedict 2SSW (I-29)	Wild Rice River	46.7119	96.8308
NOTM5		TMNDATA	Northcote 3E		48.8473	96.9309
SAUM5	05073650	# TMNDATA	Saum 3SW - Lwr Red Lk	Battle River Mouth	47.9597	94.7431
BRGM5	05062090	# TMNDATA	Georgetown 3SE	Buffalo River	47.0497	96.7536
BGLM5		TMNDATA	Glyndon 2N	Buffalo River	46.8972	96.5769
KRGM5		TMNDATA	Kragnes 3ESE	Buffalo River	46.9775	96.6911
PLUM5	05078000	TMNDATA	Plummer 1NW	Clearwater River	47.9167	96.0333
RGLM5	05078500	TMNDATA	Red Lake Falls	Clearwater River	47.8861	96.2767
OKLM5	05078230	TMNDATA	Oklee	Lost River	47.8431	95.8583
AGYM5	05087500	TMNDATA	Argyle	Middle River	48.3403	96.8161
NCTM5		TMNDATA	Northcote 1SW	North Branch Two Rivers	48.8328	97.0200
FSHM5	05080000	TMNDATA	Fisher	Red Lake River	47.8003	96.8086
RRDM5	05074500	TMNDATA	High Landing 20E - Lwr Red Lk	Red Lake River	47.9575	95.2764
RLFM5		TMNDATA	Red Lake Falls	Red Lake River	47.8967	96.2731
TRFM5	05076500	# TMNDATA	Thief River Falls	Red Lake River	48.1144	96.1792
CARM5	05112000	TMNDATA	Lancaster 15NE (Caribou)	Roseau River	48.9817	96.4628
RSSM5	05107500	TMNDATA	Ross	Roseau River	48.9103	95.9217
SRFM5		TMNDATA	Fertile 3WSW	Sandhill River	47.5142	96.3417
SRBM5	05085430	# TMNDATA	Radium 2WNW - Retention Pond	Snake River	48.2419	96.5569
SBGM5		TMNDATA	Glyndon 3SW	South Branch Buffalo River	46.8479	96.6149
LKBM5	05094000	TMNDATA	Lake Bronson Below Bronson Lk	South Branch Two Rivers River	48.7325	96.6672
FLTM5	05063398	TMNDATA	Felton 8NE - Cr 27	South Branch Wild Rice River	47.1133	96.3858
SRGM5	05106000	TMNDATA	Roseau 10NNE	Sprague Creek	48.9925	95.6619
TRSM5	05091500	# TMNDATA	Stephen 5NW	Tamarac River	48.4919	96.9550
HLTM5		TMNDATA	Holt 6E - Co Hwy 7	Thief River	48.3003	96.0708
TRRM5	05076000	TMNDATA	Thief River Falls 5N	Thief River	48.1856	96.1697
WSKM5	05073500	TMNDATA	Waskish 4NE & Upper Red Lk	Upper Red Lake	48.1756	94.5142
ADSM5	05063000	# TMNDATA	Ada 2S	Wild Rice River	47.2625	96.5000
MWRM5	05062440	# TMNDATA	Mahnomen 1SE	Wild Rice River	47.3111	95.9522
SWLQ3		TNDDATA	Pembina River near Outlet of Swan Lake		49.3581	98.8400
DBCN8	05057200	TNDDATA	Dazey 5NE	Baldhill Creek	47.2292	98.1244
FBCN8	05064900	# TNDDATA	Finley 8NE	Beaver Creek	47.5944	97.7050

NWSLI	USGS ID	Group	Station Name	River Name	LAT (N)	LON (W)
HSCI2	05581500	# SLSIM	Hartsburg 4NW	Sugar Creek	40.2222	89.4033
*** IWX - Northern Indiana, IN ***						
HDKM4	04096600	# KSJSIM	Hodunk 3NW	Coldwater River	42.0292	85.1064
WPGM4	04098500	# KSJSIM	White Pigeon 3ESE	Fawn River	41.7822	85.5833
SAWM4		# KSJSIM	Harbert 3E	Galien River	41.8736	86.5750
ATNM4	04096900	# KSJSIM	Athens 4SW	Nottawa Creek	42.0556	85.3083
*** LOT - Chicago, IL ***						
LNSI2	05536270	# CALSIM	Lansing	North Creek	41.5458	87.5583
MCCI3	04094500	# CALSIM	McCool 1N	Salt Creek	41.5967	87.1444
CHHI2	05536210	# CALSIM	Chicago Heights	Thorn Creek	41.5139	87.6353
CHII2		# ILOSIM	Chicago 3E	Chicago River	41.8833	87.6333
ROMI2	05536995	# ILOSIM	Romeoville	Chicago Sanitary & Ship Canal	41.6406	88.0606
HEBI3		# KDFSIM	Hebron 4S - US 231	Kankakee River	41.2599	87.1991
LWLI2	05555500	# KDFSIM	Lowell	Vermilion River	41.2553	89.0122
*** LSX - St. Louis, MO ***						
CHGI2	05585830	# ILOSIM	Chambersburg	McKee Creek	39.8178	90.6544
1845		# MISSIM	Big Spring	Loutre River	38.8028	91.4858
1847		# MISSIM	St Charles 1E	Missouri River	38.7856	90.4719
1846		# MISSIM	Washington	Missouri River	38.5611	91.0094
NSFM7		# TMOSIM	Newark	South Fabius River	39.9853	91.9739
*** MKX - Milwaukee, WI ***						
MBLW3		# EWSSIM	Montello - Buffalo Lk	Fox River	43.7856	89.3286
MMRW3		# EWSSIM	Montello	Montello River	43.7931	89.3286
RSSW3		# EWSSIM	Racine - Spring St	Root River	42.7333	87.7667
BRGW3	05545334	# KDFSIM	Burlington	Fox River	42.6800	88.2714
WMTW3	05546500	# KDFSIM	Wilmot	Fox River	42.5111	88.1792
HUSW3	05424082	# RCKSIM	Hustisford	Rock River	43.3456	88.5978
NVIW3		# RCKSIM	Newville - Lk Koshkonong	Rock River	42.8575	88.9408
BOIW3		# RCKSIM	Beloit 1SE - Hwy 51	Turtle Creek	42.4981	89.0208
STTW3		# RCKSIM	Stoughton 4NW - Lk Kegonsa	Yahara River	42.9542	89.2797
*** MPX - Minneapolis, MN ***						
SNDW3		# CHPSIM	Sand Creek	Red Cedar River	45.1675	91.6872
BARW3		# CHPSIM	Barron	Yellow River	45.3953	91.8300
AMBW5		# MINSIM	Amboy WWTP	Blue Earth River	43.8947	94.1992
SKPM5		# MINSIM	Shakopee	Minnesota River	44.8003	93.5267
NFYM5	05292704	# MINSIM	Rosen 3NNW	North Fork Yellow Bank River	45.1892	96.4150
ESRM5	05274000	# RDWSIM	Sauk Rapids 6E	Elk River	45.5869	94.0400
MTLM5	05245500	# RDWSIM	Motley	Long Prairie River	46.3167	94.6500
HSNM5	05278565	# RDWSIM	Hutchinson 1N - Otter Lk	South Fork Crow River	44.8956	94.3689
WTTM5		# RDWSIM	Watertown	South Fork Crow River	44.9636	93.8461
SFBM5	05274900	# RDWSIM	Big Lake 4N	St Francis River	45.3853	93.7339
SGOM5	05274700	# RDWSIM	Foley 10SE (Santiago)	St Francis River	45.5422	93.8103
*** MQT - Marquette, MI ***						
CCRM4	04059754	# MENSIM	Cedar River 2N	Cedar River	45.4383	87.3600
MICM4	04062230	# MENSIM	Michigamme 5SE	Michigamme River	46.4667	88.0744
REPM4	04062300	# MENSIM	Republic	Michigamme River	46.3842	87.9800
STUM4	04065548	# MENSIM	Loretto 2NE	Sturgeon River	45.7897	87.7836
AULM4		# UPMSIM	Au Train	Au Train River	46.4311	86.8350
AUTM4		# UPMSIM	Au Train 1S	Au Train River	46.4125	86.8417
CHOM4		# UPMSIM	Skandia 2NNW	Chocolay River	46.4056	87.2472
MSSM4	04035000	# UPMSIM	Rockland 6SE	East Branch Ontonagon River	46.6878	89.0731
ILKM4	04057000	# UPMSIM	Manistique 3NW - Indian Lk Outlet	Indian River	45.9917	86.2875
GFKM4	04047500	# UPMSIM	Germfask 1S	Manistique River	46.4300	85.9300
BLAM4	04055000	# UPMSIM	Manistique 12NE	Manistique River	46.0861	86.0594
MCCM4	04043800	# UPMSIM	Marquette 4NW	McClure Storage Bsn Release	46.5719	87.4764
RCLM4	04035500	# UPMSIM	Rockland 3SE	Middle Branch Ontonagon River	46.6992	89.1600
MRNM4	04031500	# UPMSIM	Marenisco	Presque Isle River	46.3700	89.6997
WFRM4	04057610	# UPMSIM	Rapid River 1E	Whitefish River	45.9256	86.9458