

Date of Study: 03Nov2020

01Nov2020 / Basic Condition / 30.2 MAF / Balanced
Full Serv 1st Half / Full Serv 2nd Half / Nav End Date: Dec 01
Elevations & Storages are for Date Shown
Avg Discharge & Energy are Monthly Values

	2020 31Oct	30Nov	31Dec	2021 31Jan	28Feb
Fort Peck					
Elev NGVD29	2237.3	2236.7	2235.1	2233.7	2232.6
Disch kcfs	6.0	6.5	10.5	11.0	11.0
Garrison					
Elev NGVD29	1839.0	1838.4	1837.6	1836.7	1836.3
Disch kcfs	13.4	13.0	16.7	19.5	19.5
Oahe					
Elev NGVD29	1608.2	1606.6	1606.2	1606.1	1606.3
Disch kcfs	22.3	20.9	17.0	20.4	19.5
Big Bend					
Elev NGVD29	1420.9	1420.9	1420.5	1421.0	1421.0
Disch kcfs	21.7	20.9	17.2	19.9	19.5
Fort Randall					
Elev NGVD29	1345.0	1337.5	1339.4	1344.6	1349.5
Disch kcfs	30.5	28.2	15.6	15.3	14.1
Gavins Point					
Elev NGVD29	1207.8	1207.5	1207.5	1207.4	1206.0
Disch kcfs	33.1	31.0	17.0	17.0	17.0
System					
Storage KAF	57303	56003	55379	55115	55159
Energy GWh	2544	651	610	680	603
Ave Cap MW		2457	2440	2451	2466

01Nov2020 / Lower Basic Condition / 29.9 MAF / Balanced
Full Serv 1st Half / Full Serv 2nd Half / Nav End Date: Dec 01

	2020 31Oct	30Nov	31Dec	2021 31Jan	28Feb
Fort Peck					
Elev NGVD29	2237.3	2236.6	2234.9	2233.1	2231.6
Disch kcfs	6.0	6.0	9.7	11.0	11.0
Garrison					
Elev NGVD29	1839.0	1838.1	1837.2	1836.1	1835.5
Disch kcfs	13.4	13.0	15.7	19.0	19.0
Oahe					
Elev NGVD29	1608.2	1606.4	1605.8	1605.4	1605.3
Disch kcfs	22.3	21.5	17.4	20.9	20.4
Big Bend					
Elev NGVD29	1420.9	1420.9	1420.5	1421.0	1421.0
Disch kcfs	21.7	21.4	17.7	20.4	20.4
Fort Randall					
Elev NGVD29	1345.0	1337.5	1339.4	1344.5	1349.6
Disch kcfs	30.5	28.8	16.0	15.7	14.5
Gavins Point					
Elev NGVD29	1207.8	1207.5	1207.5	1207.5	1206.0
Disch kcfs	33.1	31.0	17.0	17.0	17.0
System					
Storage KAF	57303	55865	55062	54614	54412
Energy GWh	2551	657	601	684	609
Ave Cap MW		2456	2437	2445	2457

01Nov2020 / Upper Basic Condition / 30.5 MAF / Balanced
Full Serv 1st Half / Full Serv 2nd Half / Nav End Date: Dec 01

	2020 31Oct	30Nov	31Dec	2021 31Jan	28Feb
Fort Peck					
Elev NGVD29	2237.3	2237.2	2235.9	2234.6	2233.7
Disch kcfs	6.0	6.0	11.0	11.5	11.5
Garrison					
Elev NGVD29	1839.0	1838.5	1837.8	1837.4	1837.3
Disch kcfs	13.4	13.0	17.2	19.5	19.5
Oahe					
Elev NGVD29	1608.2	1606.8	1606.7	1606.7	1607.3
Disch kcfs	22.3	20.0	16.5	19.5	18.1
Big Bend					
Elev NGVD29	1420.9	1420.9	1420.5	1421.0	1421.0
Disch kcfs	21.7	20.0	16.7	19.1	18.1
Fort Randall					
Elev NGVD29	1345.0	1337.5	1339.5	1344.6	1349.6
Disch kcfs	30.5	27.4	15.0	14.7	13.0
Gavins Point					
Elev NGVD29	1207.8	1207.6	1207.5	1207.5	1206.0
Disch kcfs	33.1	31.0	17.0	17.0	17.0
System					
Storage KAF	57303	56235	55765	55690	56015
Energy GWh	2501	632	610	672	587
Ave Cap MW		2459	2444	2457	2475

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01Nov2020 / Basic Condition / 30.2 MAF / Balanced
Values in 1000 acre-ft Except as Indicated
F-Sum: Sum of Forecasted Values. *: Previous Month's Data

	2020			2021	
	*31Oct	30Nov	31Dec	31Jan	28Feb
	F-Sum				
Fort Peck					
Reach Inflow	1260	350	300	280	330
Depletion	-193	12	-47	-101	-58
Reg Inflow	1454	338	347	381	388
Evap	136	73	53	7	4
Release	2317	384	646	676	611
Stor Change	-1002	-122	-351	-303	-226
Storage	*15494	15373	15021	14719	14492
Elev NGVD29	*2237.3	2236.7	2235.1	2233.7	2232.6
Disch kcfs	*6.0	6.5	10.5	11.0	11.0
Ave Power MW		86	138	144	143
Ave Cap MW		222	221	219	217
Energy GWh	367.4	61.6	102.8	106.9	96.0
Garrison					
Reach Inflow	840	190	150	200	300
Depletion	-318	-126	-79	-67	-46
Reg Inflow	3433	674	862	939	957
Evap	178	106	74	-2	0
Release	4085	774	1029	1199	1083
Stor Change	-834	-209	-241	-258	-126
Storage	*18217	18009	17768	17510	17384
Elev NGVD29	*1839.0	1838.4	1837.6	1836.7	1836.3
Disch kcfs	*13.4	13.0	16.7	19.5	19.5
Ave Power MW		159	203	234	234
Ave Cap MW		571	569	565	563
Energy GWh	596.4	114.2	150.8	174.4	157.0
Oahe					
Reach Inflow	168	60	8	10	90
Depletion	-10	-5	-3	-4	2
Reg Inflow	4241	840	1017	1213	1171
Evap	202	103	86	9	5
Release	4624	1247	1042	1252	1084
Stor Change	-589	-513	-111	-47	82
Storage	*18893	18380	18269	18222	18304
Elev NGVD29	*1608.2	1606.6	1606.2	1606.1	1606.3
Disch kcfs	*22.3	20.9	17.0	20.4	19.5
Ave Power MW		268	216	258	248
Ave Cap MW		708	703	702	702
Energy GWh	712.6	192.8	160.8	192.3	166.7
Big Bend					
Reg Inflow	4627	1250	1041	1252	1084
Evap	15	10	5	1	0
Release	4608	1241	1058	1225	1084
Storage	*1686	1685	1663	1690	1689
Elev NGVD29	*1420.9	1420.9	1420.5	1421.0	1421.0
Disch kcfs	*21.7	20.9	17.2	19.9	19.5
Ave Power MW		100	83	96	94
Ave Cap MW		502	504	502	502
Energy GWh	267.8	72.0	61.7	71.1	63.0
Fort Randall					
Reach Inflow	86	1	10	25	50
Depletion	-5	-2	-1	-1	-1
Reg Inflow	4704	1244	1066	1259	1135
Evap	21	13	6	1	1
Release	4360	1677	958	941	784
Stor Change	322	-447	103	317	350
Storage	*2640	2193	2296	2613	2963
Elev NGVD29	*1345.0	1337.5	1339.4	1344.6	1349.5
Disch kcfs	*30.5	28.2	15.6	15.3	14.1
Ave Power MW		218	121	123	120
Ave Cap MW		327	317	335	354
Energy GWh	418.7	156.9	89.7	91.7	80.4
Gavins Point					
Reach Inflow	460	130	100	100	130
Depletion	20	9	10	1	-1
Reg Inflow	4844	1843	1046	1044	910
Evap	6	4	2	0	0
Release	4881	1847	1045	1045	944
Stor Change	-43	-7	-1	-1	-34
Storage	*370	363	362	361	327
Elev NGVD29	*1207.8	1207.5	1207.5	1207.4	1206.0
Disch kcfs	*33.1	31.0	17.0	17.0	17.0
Ave Power MW		75	59	59	59
Ave Cap MW		127	127	127	126
Energy GWh	181.4	53.9	43.8	44.1	39.6
Sioux City					
Reach Inflow	315	90	70	55	100
Depletion	-7	-4	-2	-1	-1
Reg Flow	5240	1977	1117	1101	1045
Reg Flow kcfs		33.2	18.2	17.9	18.8
Total					
Reach Inflow	3129	821	638	670	1000
Depletion	-514	-116	-122	-173	-104
Evap	559	308	224	16	11
Storage	*57301	56003	55379	55114	55158
Ave Power MW		905	819	915	897
Ave Cap MW		2457	2440	2451	2466
Energy GWh	2544.4	651.5	609.7	680.5	602.8
Daily GWh		21.7	19.7	22.0	21.5

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01Nov2020 / Lower Basic Condition / 29.9 MAF / Balanced
Values in 1000 acre-ft Except as Indicated
F-Sum: Sum of Forecasted Values. *: Previous Month's Data

	2020			2021	
	*31Oct	30Nov	31Dec	31Jan	28Feb
	F-Sum				
Fort Peck					
Reach Inflow	992	280	240	224	247
Depletion	-185	-8	-32	-91	-55
Reg Inflow	1177	288	272	315	302
Evap	136	73	52	7	4
Release	2241	357	597	676	611
Stor Change	-1203	-145	-378	-369	-312
Storage	*15494	15350	14972	14603	14291
Elev NGVD29	*2237.3	2236.6	2234.9	2233.1	2231.6
Disch kcfs	*6.0	6.0	9.7	11.0	11.0
Ave Power MW		80	128	143	142
Ave Cap MW		222	220	218	217
Energy GWh	354.8	57.4	95.0	106.7	95.7
Garrison					
Reach Inflow	657	152	120	160	225
Depletion	-199	-100	-51	-32	-16
Reg Inflow	3056	609	735	860	852
Evap	177	106	73	-2	0
Release	3965	774	968	1168	1055
Stor Change	-1090	-274	-306	-307	-204
Storage	*18217	17944	17638	17331	17127
Elev NGVD29	*1839.0	1838.1	1837.2	1836.1	1835.5
Disch kcfs	*13.4	13.0	15.7	19.0	19.0
Ave Power MW		159	190	228	227
Ave Cap MW		571	568	563	560
Energy GWh	577.9	114.2	141.7	169.5	152.4
Oahe					
Reach Inflow	126	45	6	8	67
Depletion	-10	-5	-3	-4	2
Reg Inflow	4081	825	956	1180	1120
Evap	201	102	86	9	5
Release	4764	1277	1072	1282	1133
Stor Change	-888	-559	-202	-111	-17
Storage	*18893	18334	18132	18021	18004
Elev NGVD29	*1608.2	1606.4	1605.8	1605.4	1605.3
Disch kcfs	*22.3	21.5	17.4	20.9	20.4
Ave Power MW		274	222	264	258
Ave Cap MW		708	701	699	698
Energy GWh	731.7	197.4	165.0	196.2	173.1
Big Bend					
Reg Inflow	4766	1280	1071	1283	1133
Evap	15	10	5	1	0
Release	4746	1273	1086	1256	1132
Storage	*1686	1683	1663	1689	1690
Elev NGVD29	*1420.9	1420.9	1420.5	1421.0	1421.0
Disch kcfs	*21.7	21.4	17.7	20.4	20.4
Ave Power MW		102	85	98	98
Ave Cap MW		501	504	502	502
Energy GWh	275.6	73.8	63.3	72.8	65.7
Fort Randall					
Reach Inflow	64	1	8	19	37
Depletion	-5	-2	-1	-1	-1
Reg Inflow	4821	1276	1091	1284	1170
Evap	21	13	6	1	1
Release	4468	1712	982	968	807
Stor Change	332	-449	104	315	362
Storage	*2640	2191	2295	2609	2972
Elev NGVD29	*1345.0	1337.5	1339.4	1344.5	1349.6
Disch kcfs	*30.5	28.8	16.0	15.7	14.5
Ave Power MW		222	124	127	123
Ave Cap MW		327	317	335	355
Energy GWh	428.7	159.9	91.9	94.2	82.7
Gavins Point					
Reach Inflow	345	97	75	75	97
Depletion	20	9	10	1	-1
Reg Inflow	4845	1844	1045	1045	911
Evap	6	4	2	0	0
Release	4881	1847	1045	1045	944
Stor Change	-42	-7	-2	-0	-33
Storage	*370	363	362	361	328
Elev NGVD29	*1207.8	1207.5	1207.5	1207.5	1206.0
Disch kcfs	*33.1	31.0	17.0	17.0	17.0
Ave Power MW		75	59	59	59
Ave Cap MW		127	127	127	126
Energy GWh	182.0	54.1	44.1	44.1	39.6
Sioux City					
Reach Inflow	236	68	52	41	75
Depletion	-7	-4	-2	-1	-1
Reg Flow	5161	1954	1100	1088	1020
Reg Flow kcfs		32.8	17.9	17.7	18.4
Total					
Reach Inflow	2420	643	501	526	750
Depletion	-387	-110	-79	-127	-71
Evap	558	308	223	16	10
Storage	*57301	55865	55061	54616	54413
Ave Power MW		912	808	919	907
Ave Cap MW		2456	2437	2445	2457
Energy GWh	2550.7	656.8	601.0	683.6	609.2
Daily GWh		21.9	19.4	22.1	21.8

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01Nov2020 / Upper Basic Condition / 30.5 MAF / Balanced
Values in 1000 acre-ft Except as Indicated
F-Sum: Sum of Forecasted Values. *: Previous Month's Data

	2020			2021	
	*31Oct	30Nov	31Dec	31Jan	28Feb
	F-Sum				
Fort Peck					
Reach Inflow	1512	420	360	336	396
Depletion	-239	1	-74	-102	-64
Reg Inflow	1751	419	434	438	460
Evap	137	74	53	7	4
Release	2379	357	676	707	639
Stor Change	-767	-14	-295	-276	-182
Storage	*15494	15480	15185	14909	14727
Elev NGVD29	*2237.3	2237.2	2235.9	2234.6	2233.7
Disch kcfs	*6.0	6.0	11.0	11.5	11.5
Ave Power MW		80	145	151	150
Ave Cap MW		222	221	220	219
Energy GWh	378.5	57.4	108.0	112.2	100.8
Garrison					
Reach Inflow	1008	228	180	240	360
Depletion	-429	-145	-104	-106	-74
Reg Inflow	3770	730	919	1049	1072
Evap	178	106	74	-2	0
Release	4114	774	1058	1199	1083
Stor Change	-526	-153	-213	-149	-11
Storage	*18217	18064	17851	17703	17692
Elev NGVD29	*1839.0	1838.5	1837.8	1837.4	1837.3
Disch kcfs	*13.4	13.0	17.2	19.5	19.5
Ave Power MW		159	208	235	235
Ave Cap MW		572	570	567	566
Energy GWh	601.9	114.3	155.1	174.8	157.7
Oahe					
Reach Inflow	232	81	11	14	126
Depletion	-10	-5	-3	-4	2
Reg Inflow	4333	861	1049	1217	1207
Evap	203	103	86	9	5
Release	4411	1192	1012	1200	1008
Stor Change	-284	-438	-49	8	194
Storage	*18893	18455	18406	18414	18609
Elev NGVD29	*1608.2	1606.8	1606.7	1606.7	1607.3
Disch kcfs	*22.3	20.0	16.5	19.5	18.1
Ave Power MW		257	210	249	232
Ave Cap MW		709	705	705	707
Energy GWh	682.4	184.7	156.5	185.2	156.0
Big Bend					
Reg Inflow	4414	1195	1010	1200	1008
Evap	15	10	5	1	0
Release	4394	1189	1024	1173	1008
Storage	*1686	1682	1663	1690	1690
Elev NGVD29	*1420.9	1420.9	1420.5	1421.0	1421.0
Disch kcfs	*21.7	20.0	16.7	19.1	18.1
Ave Power MW		96	80	92	87
Ave Cap MW		502	504	503	503
Energy GWh	255.8	69.1	59.8	68.2	58.7
Fort Randall					
Reach Inflow	120	1	14	35	70
Depletion	-5	-2	-1	-1	-1
Reg Inflow	4526	1194	1035	1218	1080
Evap	21	13	6	1	1
Release	4175	1630	921	901	722
Stor Change	329	-450	108	315	356
Storage	*2640	2190	2298	2613	2969
Elev NGVD29	*1345.0	1337.5	1339.5	1344.6	1349.6
Disch kcfs	*30.5	27.4	15.0	14.7	13.0
Ave Power MW		212	116	118	110
Ave Cap MW		327	317	335	354
Energy GWh	401.3	152.8	86.4	87.9	74.2
Gavins Point					
Reach Inflow	633	176	135	140	182
Depletion	20	9	10	1	-1
Reg Inflow	4845	1844	1046	1045	911
Evap	6	4	2	0	0
Release	4881	1847	1045	1045	944
Stor Change	-42	-7	-1	-1	-33
Storage	*370	364	362	361	328
Elev NGVD29	*1207.8	1207.6	1207.5	1207.5	1206.0
Disch kcfs	*33.1	31.0	17.0	17.0	17.0
Ave Power MW		75	59	59	59
Ave Cap MW		127	127	127	126
Energy GWh	181.4	53.9	43.8	44.1	39.6
Sioux City					
Reach Inflow	433	122	94	77	140
Depletion	-7	-4	-2	-1	-1
Reg Flow	5358	2008	1142	1123	1085
Reg Flow kcfs		33.8	18.6	18.3	19.5
Total					
Reach Inflow	3937	1027	794	842	1274
Depletion	-671	-146	-174	-213	-138
Evap	561	309	225	16	11
Storage	*57301	56236	55766	55691	56015
Ave Power MW		878	819	904	874
Ave Cap MW		2459	2444	2457	2475
Energy GWh	2501.3	632.2	609.6	672.4	587.1
Daily GWh		21.1	19.7	21.7	21.0