

Date of Study: 04Oct2021

01Oct2021 / Basic Condition / 14.8 MAF / Balanced
Full Serv 1st Half / Full Serv -1.5 kcfs 2nd Half / Nav End Date: Dec 01
Elevations & Storages are for Date Shown
Avg Discharge & Energy are Monthly Values

	2021 30Sep	31Oct	30Nov	31Dec	2022 31Jan	28Feb
Fort Peck						
Elev NGVD29	2227.7	2227.1	2226.3	2224.4	2222.8	2221.5
Disch kcfs	7.4	5.0	5.0	8.5	9.0	9.5
Garrison						
Elev NGVD29	1831.2	1830.7	1829.8	1828.6	1827.7	1827.2
Disch kcfs	17.1	13.5	13.5	16.1	16.5	17.0
Oahe						
Elev NGVD29	1598.8	1596.7	1596.0	1596.4	1596.5	1596.9
Disch kcfs	24.9	21.1	15.9	13.1	16.1	16.2
Big Bend						
Elev NGVD29	1420.7	1421.0	1420.6	1420.4	1420.9	1420.8
Disch kcfs	25.1	20.6	16.1	13.2	15.7	16.2
Fort Randall						
Elev NGVD29	1352.9	1344.6	1337.1	1339.5	1344.5	1350.2
Disch kcfs	29.1	30.5	23.4	11.2	11.0	9.6
Gavins Point						
Elev NGVD29	1207.2	1207.5	1207.5	1207.5	1207.5	1205.9
Disch kcfs	30.3	32.4	25.9	12.5	12.5	12.5
System						
Storage KAF	50758	49388	48318	47837	47649	47778
Energy GWh	2815	721	565	496	540	493
Ave Cap MW		2392	2350	2335	2346	2361

01Oct2021 / Lower Basic Condition / 14.4 MAF / Balanced
Full Serv 1st Half / Full Serv -1.5 kcfs 2nd Half / Nav End Date: Dec 01

	2021 30Sep	31Oct	30Nov	31Dec	2022 31Jan	28Feb
Fort Peck						
Elev NGVD29	2227.7	2226.9	2226.0	2224.0	2222.0	2220.5
Disch kcfs	7.4	5.0	5.0	8.5	9.5	9.5
Garrison						
Elev NGVD29	1831.2	1830.4	1829.3	1828.0	1827.0	1826.4
Disch kcfs	17.1	13.5	13.5	15.9	16.5	16.5
Oahe						
Elev NGVD29	1598.8	1596.6	1595.7	1596.0	1596.0	1596.1
Disch kcfs	24.9	21.7	16.4	13.5	16.5	17.0
Big Bend						
Elev NGVD29	1420.7	1421.0	1420.6	1420.4	1420.9	1420.7
Disch kcfs	25.1	21.2	16.6	13.6	16.1	17.0
Fort Randall						
Elev NGVD29	1352.9	1344.6	1337.1	1339.5	1344.5	1350.1
Disch kcfs	29.1	31.0	23.8	11.6	11.4	10.2
Gavins Point						
Elev NGVD29	1207.2	1207.5	1207.5	1207.5	1207.5	1206.0
Disch kcfs	30.3	32.4	25.9	12.5	12.5	12.5
System						
Storage KAF	50758	49234	48058	47495	47202	47142
Energy GWh	2853	730	572	501	551	499
Ave Cap MW		2391	2347	2330	2339	2352

01Oct2021 / Upper Basic Condition / 15.3 MAF / Balanced
Full Serv 1st Half / Full Serv -1.5 kcfs 2nd Half / Nav End Date: Dec 01

	2021 30Sep	31Oct	30Nov	31Dec	2022 31Jan	28Feb
Fort Peck						
Elev NGVD29	2227.7	2226.9	2226.2	2224.6	2223.4	2222.8
Disch kcfs	7.4	5.0	5.0	8.3	9.5	9.5
Garrison						
Elev NGVD29	1831.2	1830.8	1830.2	1829.0	1828.4	1828.3
Disch kcfs	17.1	13.5	13.5	16.1	16.5	17.0
Oahe						
Elev NGVD29	1598.8	1596.9	1596.4	1596.9	1597.2	1598.0
Disch kcfs	24.9	20.5	15.3	12.5	15.2	15.0
Big Bend						
Elev NGVD29	1420.7	1421.0	1420.6	1420.4	1420.9	1420.7
Disch kcfs	25.1	20.0	15.5	12.6	14.8	15.0
Fort Randall						
Elev NGVD29	1352.9	1344.7	1337.2	1339.5	1344.5	1350.1
Disch kcfs	29.1	29.8	22.8	10.7	10.4	8.7
Gavins Point						
Elev NGVD29	1207.2	1207.5	1207.5	1207.5	1207.5	1206.0
Disch kcfs	30.3	32.4	25.9	12.5	12.5	12.5
System						
Storage KAF	50758	49418	48493	48142	48172	48569
Energy GWh	2755	708	554	485	532	476
Ave Cap MW		2393	2353	2340	2353	2372

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01Oct2021 / Basic Condition / 14.8 MAF / Balanced
Values in 1000 acre-ft Except as Indicated
F-Sum: Sum of Forecasted Values. *: Previous Month's Data

	2021				2022	
	*30Sep	31Oct	30Nov	31Dec	31Jan	28Feb
	F-Sum					
Fort Peck						
Reach Inflow	1205	215	220	200	250	320
Depletion	-33	-45	10	-7	-2	11
Reg Inflow	1238	260	210	207	252	309
Evap	192	69	67	46	6	3
Release	2207	307	298	521	553	528
Stor Change	-1160	-116	-155	-360	-307	-222
Storage	*13511	13395	13240	12880	12573	12351
Elev NGVD29	*2227.7	2227.1	2226.3	2224.4	2222.8	2221.5
Disch kcfs	*7.4	5.0	5.0	8.5	9.0	9.5
Ave Power MW		64	64	106	112	117
Ave Cap MW		211	210	208	206	204
Energy GWh	334.1	47.3	45.8	79.1	83.2	78.6
Garrison						
Reach Inflow	1270	330	260	180	200	300
Depletion	-321	-180	-86	-35	-17	-2
Reg Inflow	3763	821	643	707	767	825
Evap	274	112	98	66	-2	0
Release	4581	830	803	989	1015	944
Stor Change	-1092	-121	-258	-348	-246	-119
Storage	*15873	15752	15493	15146	14899	14780
Elev NGVD29	*1831.2	1830.7	1829.8	1828.6	1827.7	1827.2
Disch kcfs	*17.1	13.5	13.5	16.1	16.5	17.0
Ave Power MW		172	171	202	205	211
Ave Cap MW		538	535	530	525	522
Energy GWh	695.1	127.7	123.1	149.9	152.8	141.5
Oahe						
Reach Inflow	152	16	40	6	10	80
Depletion	-10	-9	-5	-3	-1	7
Reg Inflow	4730	854	848	987	1025	1015
Evap	278	103	90	74	7	4
Release	4944	1300	948	805	990	900
Stor Change	-492	-549	-190	108	28	110
Storage	*16124	15575	15385	15493	15521	15632
Elev NGVD29	*1598.8	1596.7	1596.0	1596.4	1596.5	1596.9
Disch kcfs	*24.9	21.1	15.9	13.1	16.1	16.2
Ave Power MW		262	196	162	198	200
Ave Cap MW		659	651	652	653	655
Energy GWh	738.5	195.1	140.9	120.3	147.6	134.6
Big Bend						
Reg Inflow	4940	1303	950	805	989	893
Evap	31	15	10	5	1	0
Release	4903	1269	961	810	963	900
Storage	*1670	1689	1667	1657	1683	1676
Elev NGVD29	*1420.7	1421.0	1420.6	1420.4	1420.9	1420.8
Disch kcfs	*25.1	20.6	16.1	13.2	15.7	16.2
Ave Power MW		96	75	62	73	76
Ave Cap MW		496	500	502	500	499
Energy GWh	276.9	71.3	54.3	46.0	54.5	50.8
Fort Randall						
Reach Inflow	91	2	2	12	25	50
Depletion	-8	-2	-2	-2	-1	-1
Reg Inflow	5001	1289	960	823	990	939
Evap	52	30	14	6	1	1
Release	5168	1875	1391	691	676	536
Stor Change	-219	-616	-445	127	313	402
Storage	*3232	2616	2171	2299	2611	3013
Elev NGVD29	*1352.9	1344.6	1337.1	1339.5	1344.5	1350.2
Disch kcfs	*29.1	30.5	23.4	11.2	11.0	9.6
Ave Power MW		255	182	87	89	82
Ave Cap MW		361	327	317	335	355
Energy GWh	507.0	189.9	131.0	64.9	66.0	55.1
Gavins Point						
Reach Inflow	530	120	105	90	90	125
Depletion	23	3	9	11	1	-1
Reg Inflow	5745	2001	1547	770	769	658
Evap	12	6	4	2	0	0
Release	5762	1989	1542	769	769	694
Stor Change	-29	6	1	-1	0	-36
Storage	*355	361	362	362	362	326
Elev NGVD29	*1207.2	1207.5	1207.5	1207.5	1207.5	1205.9
Disch kcfs	*30.3	32.4	25.9	12.5	12.5	12.5
Ave Power MW		120	97	48	48	48
Ave Cap MW		127	127	127	127	126
Energy GWh	263.1	89.3	70.0	35.8	35.8	32.3
Sioux City						
Reach Inflow	380	90	75	60	55	100
Depletion	-13	-5	-4	-2	-1	-1
Reg Flow	6199	2084	1665	831	825	795
Reg Flow kcfs		33.9	28.0	13.5	13.4	14.3
Total						
Reach Inflow	3628	773	702	548	630	975
Depletion	-361	-238	-77	-38	-21	14
Evap	839	334	283	198	14	10
Storage	*50765	49388	48320	47837	47649	47778
Ave Power MW		969	785	667	726	734
Ave Cap MW		2392	2350	2335	2346	2361
Energy GWh	2814.6	720.6	565.0	496.1	539.9	493.0
Daily GWh		23.2	18.8	16.0	17.4	17.6

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01Oct2021 / Lower Basic Condition / 14.4 MAF / Balanced
Values in 1000 acre-ft Except as Indicated
F-Sum: Sum of Forecasted Values. *: Previous Month's Data

	2021				2022	
	*30Sep	31Oct	30Nov	31Dec	31Jan	28Feb
	F-Sum					
Fort Peck						
Reach Inflow	948	172	176	160	200	240
Depletion	-132	-53	-9	-27	-26	-18
Reg Inflow	1080	225	185	187	226	258
Evap	191	69	67	46	6	3
Release	2239	307	298	523	584	528
Stor Change	-1350	-151	-179	-382	-365	-273
Storage	*13511	13360	13181	12798	12434	12161
Elev NGVD29	*2227.7	2226.9	2226.0	2224.0	2222.0	2220.5
Disch kcfs	*7.4	5.0	5.0	8.5	9.5	9.5
Ave Power MW		64	64	106	118	116
Ave Cap MW		211	209	207	205	203
Energy GWh	338.0	47.3	45.7	79.2	87.5	78.3
Garrison						
Reach Inflow	1001	264	208	144	160	225
Depletion	-311	-166	-89	-34	-18	-4
Reg Inflow	3517	740	594	672	754	757
Evap	273	111	98	65	-2	0
Release	4543	830	803	979	1015	916
Stor Change	-1299	-201	-307	-373	-259	-160
Storage	*15873	15671	15365	14992	14733	14573
Elev NGVD29	*1831.2	1830.4	1829.3	1828.0	1827.0	1826.4
Disch kcfs	*17.1	13.5	13.5	15.9	16.5	16.5
Ave Power MW		172	171	199	205	204
Ave Cap MW		538	533	528	522	519
Energy GWh	687.5	127.6	122.8	148.0	152.2	136.8
Oahe						
Reach Inflow	114	12	30	5	8	60
Depletion	-10	-9	-5	-3	-1	7
Reg Inflow	4656	850	838	978	1020	969
Evap	277	103	90	74	7	4
Release	5100	1335	973	832	1017	944
Stor Change	-722	-588	-224	72	-4	21
Storage	*16124	15536	15312	15385	15381	15402
Elev NGVD29	*1598.8	1596.6	1595.7	1596.0	1596.0	1596.1
Disch kcfs	*24.9	21.7	16.4	13.5	16.5	17.0
Ave Power MW		269	200	167	203	208
Ave Cap MW		659	650	650	651	651
Energy GWh	759.3	200.0	144.3	123.9	151.0	140.0
Big Bend						
Reg Inflow	5092	1338	974	832	1016	932
Evap	31	15	10	5	1	0
Release	5061	1304	986	837	990	944
Storage	*1670	1688	1667	1657	1682	1670
Elev NGVD29	*1420.7	1421.0	1420.6	1420.4	1420.9	1420.7
Disch kcfs	*25.1	21.2	16.6	13.6	16.1	17.0
Ave Power MW		98	77	64	75	79
Ave Cap MW		495	499	501	499	499
Energy GWh	285.5	73.1	55.6	47.5	56.0	53.2
Fort Randall						
Reach Inflow	68	1	2	9	19	37
Depletion	-8	-2	-2	-2	-1	-1
Reg Inflow	5128	1323	984	847	1010	964
Evap	52	30	14	6	1	1
Release	5300	1907	1417	712	699	565
Stor Change	-224	-614	-447	129	310	397
Storage	*3232	2618	2171	2301	2611	3008
Elev NGVD29	*1352.9	1344.6	1337.1	1339.5	1344.5	1350.1
Disch kcfs	*29.1	31.0	23.8	11.6	11.4	10.2
Ave Power MW		259	185	90	92	86
Ave Cap MW		362	327	317	335	355
Energy GWh	519.6	193.0	133.3	67.0	68.2	58.1
Gavins Point						
Reach Inflow	397	90	79	67	67	94
Depletion	23	3	9	11	1	-1
Reg Inflow	5747	2002	1546	770	768	661
Evap	12	6	4	2	0	0
Release	5762	1989	1542	769	769	694
Stor Change	-27	6	1	0	-1	-33
Storage	*355	361	362	362	361	328
Elev NGVD29	*1207.2	1207.5	1207.5	1207.5	1207.5	1206.0
Disch kcfs	*30.3	32.4	25.9	12.5	12.5	12.5
Ave Power MW		120	97	48	48	48
Ave Cap MW		127	127	127	127	126
Energy GWh	263.1	89.3	70.0	35.8	35.8	32.3
Sioux City						
Reach Inflow	285	67	56	45	41	75
Depletion	-13	-5	-4	-2	-1	-1
Reg Flow	6104	2061	1646	816	811	770
Reg Flow kcfs		33.5	27.7	13.3	13.2	13.9
Total						
Reach Inflow	2814	607	551	430	495	731
Depletion	-451	-232	-100	-57	-45	-17
Evap	837	334	282	197	14	9
Storage	*50765	49236	48058	47495	47203	47142
Ave Power MW		982	794	674	740	742
Ave Cap MW		2391	2347	2330	2339	2352
Energy GWh	2853.0	730.4	571.7	501.4	550.7	498.7
Daily GWh		23.6	19.1	16.2	17.8	17.8

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01Oct2021 / Upper Basic Condition / 15.3 MAF / Balanced
Values in 1000 acre-ft Except as Indicated
F-Sum: Sum of Forecasted Values. *: Previous Month's Data

	2021				2022	
	*30Sep	31Oct	30Nov	31Dec	31Jan	28Feb
	F-Sum					
Fort Peck						
Reach Inflow	1446	258	264	240	300	384
Depletion	-36	35	44	-16	-75	-24
Reg Inflow	1482	223	220	256	375	408
Evap	191	69	67	46	6	3
Release	2226	307	298	510	584	528
Stor Change	-936	-154	-145	-300	-215	-122
Storage	*13511	13358	13213	12913	12697	12575
Elev NGVD29	*2227.7	2226.9	2226.2	2224.6	2223.4	2222.8
Disch kcfs	*7.4	5.0	5.0	8.3	9.5	9.5
Ave Power MW		64	64	104	118	118
Ave Cap MW		211	210	208	206	205
Energy GWh	337.5	47.3	45.7	77.4	88.0	79.1
Garrison						
Reach Inflow	1524	396	312	216	240	360
Depletion	-332	-132	-114	-44	-28	-14
Reg Inflow	4048	838	724	742	842	902
Evap	275	112	98	66	-2	0
Release	4581	830	803	989	1015	944
Stor Change	-808	-104	-178	-313	-171	-42
Storage	*15873	15769	15591	15278	15107	15064
Elev NGVD29	*1831.2	1830.8	1830.2	1829.0	1828.4	1828.3
Disch kcfs	*17.1	13.5	13.5	16.1	16.5	17.0
Ave Power MW		172	171	202	206	212
Ave Cap MW		538	536	532	528	526
Energy GWh	697.0	127.7	123.3	150.3	153.4	142.3
Oahe						
Reach Inflow	210	22	54	8	14	112
Depletion	-10	-9	-5	-3	-1	7
Reg Inflow	4787	859	862	989	1029	1047
Evap	279	103	90	75	8	4
Release	4709	1259	909	770	937	834
Stor Change	-201	-502	-137	145	85	209
Storage	*16124	15622	15485	15630	15715	15923
Elev NGVD29	*1598.8	1596.9	1596.4	1596.9	1597.2	1598.0
Disch kcfs	*24.9	20.5	15.3	12.5	15.2	15.0
Ave Power MW		254	188	155	189	187
Ave Cap MW		660	653	654	656	659
Energy GWh	706.2	189.1	135.5	115.5	140.6	125.5
Big Bend						
Reg Inflow	4701	1262	911	769	937	822
Evap	31	15	10	5	1	0
Release	4669	1228	924	773	910	834
Storage	*1670	1689	1666	1658	1683	1670
Elev NGVD29	*1420.7	1421.0	1420.6	1420.4	1420.9	1420.7
Disch kcfs	*25.1	20.0	15.5	12.6	14.8	15.0
Ave Power MW		93	73	59	69	70
Ave Cap MW		496	500	502	500	500
Energy GWh	263.9	69.0	52.3	43.9	51.6	47.1
Fort Randall						
Reach Inflow	127	3	3	16	35	70
Depletion	-8	-2	-2	-2	-1	-1
Reg Inflow	4796	1248	925	790	948	886
Evap	52	30	14	6	1	1
Release	4966	1831	1355	659	638	483
Stor Change	-222	-613	-444	125	308	402
Storage	*3232	2619	2175	2301	2609	3010
Elev NGVD29	*1352.9	1344.7	1337.2	1339.5	1344.5	1350.1
Disch kcfs	*29.1	29.8	22.8	10.7	10.4	8.7
Ave Power MW		250	177	83	84	74
Ave Cap MW		362	328	317	335	355
Energy GWh	487.6	185.7	127.7	62.0	62.4	49.8
Gavins Point						
Reach Inflow	726	162	142	121	126	175
Depletion	23	3	9	11	1	-1
Reg Inflow	5747	2002	1547	769	768	661
Evap	12	6	4	2	0	0
Release	5762	1989	1542	769	769	694
Stor Change	-28	6	1	-1	-0	-34
Storage	*355	361	363	362	361	327
Elev NGVD29	*1207.2	1207.5	1207.5	1207.5	1207.5	1206.0
Disch kcfs	*30.3	32.4	25.9	12.5	12.5	12.5
Ave Power MW		120	97	48	48	48
Ave Cap MW		127	127	127	127	126
Energy GWh	263.1	89.3	70.0	35.8	35.8	32.3
Sioux City						
Reach Inflow	521	121	101	81	77	140
Depletion	-13	-5	-4	-2	-1	-1
Reg Flow	6339	2115	1691	852	847	835
Reg Flow kcfs		34.4	28.4	13.8	13.8	15.0
Total						
Reach Inflow	4553	962	876	683	792	1241
Depletion	-375	-110	-72	-55	-105	-33
Evap	841	334	283	199	14	10
Storage	*50765	49418	48492	48140	48172	48571
Ave Power MW		952	770	652	715	708
Ave Cap MW		2393	2353	2340	2353	2372
Energy GWh	2755.3	708.1	554.4	484.9	531.7	476.1
Daily GWh		22.8	18.5	15.6	17.2	17.0