

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
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In addition to the January 2017 24-Month Study based on the Most Probable inflow scenario, Reclamation conducted model runs to determine a possible range of reservoir elevations under Probable Minimum and Probable Maximum inflow scenarios. The Probable Minimum inflow scenario reflects a dry hydrologic condition which statistically would be exceeded 90% of the time. The Most Probable inflow scenario reflects a median hydrologic condition which statistically would be exceeded 50% of the time. The Probable Maximum inflow scenario reflects a wet hydrologic condition which statistically would be exceeded 10% of the time. There is approximately an 80% probability that a future elevation will fall inside the range of the minimum and maximum inflow scenarios. There are possible inflow scenarios that would result in reservoir elevations falling outside the ranges indicated in these reports.

The projected Lake Mead elevations resulting from these three inflow scenarios are summarized in a graph located at the following link:
<https://www.usbr.gov/lc/region/g4000/24mo/2017/January-Chart.pdf>.

The water year 2017 unregulated inflow into Lake Powell under the January Probable Maximum inflow scenario is 13.48 maf, or 124 percent of average. Consistent with the Interim Guidelines, the Probable Maximum 24-Month Study results in a projected annual release volume from Glen Canyon Dam of 9.00 maf in water year 2017 and 12.07 maf in water year 2018.

The Interim Guidelines are available for download at <https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>.
The January 2017 Most Probable 24-Month Study is available for download at <https://www.usbr.gov/lc/region/g4000/24mo/2017/JAN17.pdf>.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Fontenelle Reservoir



Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
* Jan 2016	32	1	49	10	58	6480.71	170
H Feb 2016	34	0	55	0	55	6476.59	149
I Mar 2016	50	1	58	0	58	6474.73	140
S Apr 2016	91	1	58	0	58	6481.34	174
T May 2016	186	2	86	20	106	6493.63	252
O Jun 2016	293	2	101	143	243	6500.14	299
R Jul 2016	80	3	73	3	76	6500.25	300
I Aug 2016	29	2	65	0	65	6495.03	262
C Sep 2016	26	2	36	21	58	6490.22	229
WY 2016	943	15	739	213	952		
A Oct 2016	57	1	0	57	57	6490.08	228
L Nov 2016	62	1	0	59	59	6490.44	230
* Dec 2016	37	1	0	63	63	6486.33	203
Jan 2017	32	1	71	0	71	6479.59	165
Feb 2017	37	1	57	0	57	6475.49	144
Mar 2017	70	0	97	5	101	6468.33	112
Apr 2017	161	1	92	56	149	6471.15	124
May 2017	309	1	98	182	280	6477.11	152
Jun 2017	565	2	101	321	422	6499.08	292
Jul 2017	335	3	101	179	280	6505.86	345
Aug 2017	126	2	102	83	184	6498.00	284
Sep 2017	65	2	65	0	65	6497.67	282
WY 2017	1856	15	784	1005	1789		
Oct 2017	57	1	68	0	68	6496.07	270
Nov 2017	48	1	65	0	65	6493.51	252
Dec 2017	35	1	68	0	68	6488.46	218
Jan 2018	34	1	68	0	68	6482.95	184
Feb 2018	30	1	61	0	61	6477.21	152
Mar 2018	59	0	97	1	98	6468.39	112
Apr 2018	102	1	92	3	95	6469.95	119
May 2018	212	1	97	87	184	6475.84	146
Jun 2018	389	2	99	192	292	6491.95	241
Jul 2018	240	3	105	31	135	6505.64	343
Aug 2018	101	2	102	57	159	6497.77	282
Sep 2018	57	2	71	0	71	6495.47	266
WY 2018	1363	14	993	371	1364		
Oct 2018	56	1	74	0	74	6492.73	247
Nov 2018	46	1	71	0	71	6488.73	220
Dec 2018	32	1	74	0	74	6481.92	178

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Flaming Gorge Reservoir



Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
* Jan 2016	44	71	2	134	0	134	127	6025.07	3163	168
H Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
I Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
S Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
T May 2016	362	282	8	52	0	52	138	6032.01	3427	701
O Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
R Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
I Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
C Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
WY 2016	1427	1437	80	1406	203	1609				3435
A Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
L Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
* Dec 2016	35	61	2	106	0	106	126	6024.19	3130	137
Jan 2017	43	82	2	111	0	111	125	6023.40	3101	132
Feb 2017	62	82	2	100	0	100	124	6022.86	3082	120
Mar 2017	142	173	3	171	0	171	124	6022.84	3081	226
Apr 2017	271	259	5	167	0	167	127	6025.15	3166	426
May 2017	499	470	8	252	0	252	135	6030.47	3367	895
Jun 2017	793	650	11	284	228	512	140	6033.60	3490	1019
Jul 2017	427	372	14	290	0	290	143	6035.24	3556	410
Aug 2017	156	214	13	146	0	146	145	6036.53	3608	177
Sep 2017	82	83	12	141	0	141	142	6034.86	3541	165
WY 2017	2653	2587	82	1930	228	2158				3938
Oct 2017	72	82	8	146	0	146	140	6033.15	3472	186
Nov 2017	60	77	4	141	0	141	137	6031.50	3407	178
Dec 2017	39	72	2	146	0	146	134	6029.62	3335	174
Jan 2018	45	80	2	146	0	146	132	6027.91	3269	174
Feb 2018	49	80	2	132	0	132	129	6026.53	3217	163
Mar 2018	115	155	3	146	0	146	130	6026.67	3222	235
Apr 2018	164	157	5	141	0	141	130	6026.95	3233	401
May 2018	323	295	8	262	0	262	131	6027.61	3258	919
Jun 2018	523	425	10	283	33	316	135	6030.10	3353	883
Jul 2018	291	187	14	111	0	111	137	6031.65	3413	256
Aug 2018	119	178	13	111	0	111	139	6032.97	3465	144
Sep 2018	70	85	12	107	0	107	138	6032.14	3432	131
WY 2018	1872	1873	81	1871	33	1905				3844
Oct 2018	69	87	8	111	0	111	137	6031.38	3403	149
Nov 2018	55	81	4	107	0	107	136	6030.65	3374	141
Dec 2018	35	77	2	111	0	111	134	6029.76	3340	136

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Taylor Park Reservoir



Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
* Jan 2016	6	6	9309.87	70
H Feb 2016	4	5	9309.07	68
I Mar 2016	5	6	9308.44	67
S Apr 2016	9	6	9310.70	71
T May 2016	17	11	9314.16	77
O Jun 2016	41	20	9325.34	97
R Jul 2016	11	21	9320.04	87
I Aug 2016	9	16	9315.75	79
C Sep 2016	6	14	9310.77	71
WY 2016	125	125		
A Oct 2016	5	6	9310.23	70
L Nov 2016	4	5	9309.76	70
* Dec 2016	5	5	9309.56	69
Jan 2017	4	5	9308.92	68
Feb 2017	3	5	9307.71	66
Mar 2017	4	5	9306.83	65
Apr 2017	5	18	9297.98	52
May 2017	18	24	9292.95	46
Jun 2017	26	28	9291.35	44
Jul 2017	13	27	9276.67	30
Aug 2017	8	21	9258.23	17
Sep 2017	7	18	9233.37	6
WY 2017	103	168		
Oct 2017	8	9	9228.39	5
Nov 2017	6	6	9227.58	4
Dec 2017	5	6	9224.59	4
Jan 2018	5	6	9219.02	3
Feb 2018	4	5	9212.67	2
Mar 2018	5	6	9196.76	0
Apr 2018	10	6	9227.80	5
May 2018	34	20	9259.85	18
Jun 2018	52	22	9294.64	48
Jul 2018	25	22	9297.29	52
Aug 2018	12	20	9290.79	44
Sep 2018	8	16	9283.57	36
WY 2018	174	144		
Oct 2018	7	8	9282.77	35
Nov 2018	5	6	9282.09	35
Dec 2018	5	6	9280.65	33

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Blue Mesa Reservoir



Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
* Jan 2016	27	27	0	61	0	61	7491.12	590
H Feb 2016	26	27	0	59	0	58	7487.04	559
I Mar 2016	41	42	0	36	0	37	7487.62	563
S Apr 2016	75	72	1	63	0	63	7488.62	571
T May 2016	161	155	1	134	19	153	7488.74	572
O Jun 2016	285	265	1	46	0	46	7514.84	788
R Jul 2016	81	91	2	112	0	112	7512.31	766
I Aug 2016	57	65	1	110	0	110	7506.94	720
C Sep 2016	38	46	1	100	0	100	7500.48	865
WY 2016	881	882	9	913	19	934		
A Oct 2016	32	33	1	90	0	90	7493.44	608
L Nov 2016	26	27	0	33	0	33	7492.53	601
* Dec 2016	26	26	0	35	0	35	7491.43	593
Jan 2017	23	24	0	35	0	35	7490.00	581
Feb 2017	24	26	0	31	0	31	7489.40	577
Mar 2017	39	41	0	50	0	50	7488.09	567
Apr 2017	105	118	1	82	0	82	7492.62	602
May 2017	302	309	1	208	40	248	7500.03	662
Jun 2017	357	359	1	204	76	280	7509.26	739
Jul 2017	160	174	2	130	0	130	7514.13	782
Aug 2017	82	95	1	133	0	133	7509.64	743
Sep 2017	46	57	1	106	0	106	7503.79	693
WY 2017	1224	1289	9	1137	116	1253		
Oct 2017	44	45	1	68	0	68	7501.03	670
Nov 2017	34	34	0	37	0	37	7500.67	667
Dec 2017	27	28	0	53	0	53	7497.59	642
Jan 2018	26	27	0	53	0	53	7494.28	615
Feb 2018	24	25	0	47	0	47	7491.38	592
Mar 2018	39	41	0	35	0	35	7492.06	597
Apr 2018	93	89	1	70	0	70	7494.33	615
May 2018	276	262	1	207	0	207	7500.96	669
Jun 2018	338	308	1	158	0	158	7518.07	818
Jul 2018	152	149	2	173	0	173	7515.18	791
Aug 2018	78	86	1	176	0	176	7504.66	700
Sep 2018	45	53	1	115	0	115	7497.02	637
WY 2018	1176	1146	9	1193	0	1193		
Oct 2018	43	44	1	68	0	68	7493.94	612
Nov 2018	32	33	0	37	0	37	7493.44	608
Dec 2018	26	27	0	62	0	62	7488.89	573

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Morrow Point Reservoir



Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 A c-Ft)
* Jan 2016	27	61	1	62	64	0	64	7150.69	110
H Feb 2016	27	58	1	60	61	0	61	7148.82	108
I Mar 2016	43	37	2	39	36	0	36	7152.74	111
S Apr 2016	83	63	7	71	71	0	71	7152.57	111
T May 2016	176	153	15	188	176	4	180	7136.53	99
O Jun 2016	302	46	18	64	52	0	52	7152.31	111
R Jul 2016	83	112	2	114	113	0	113	7153.43	112
I Aug 2016	58	110	1	111	111	0	111	7153.88	112
C Sep 2016	39	100	1	100	103	0	103	7150.03	109
WY 2016	931	934	49	983	972	5	978		
A Oct 2016	33	90	1	91	93	0	93	7146.55	106
L Nov 2016	28	33	2	36	32	0	35	7147.39	107
* Dec 2016	27	35	1	36	34	0	34	7150.44	109
Jan 2017	24	35	1	36	33	0	33	7153.73	112
Feb 2017	26	31	2	32	32	0	32	7153.73	112
Mar 2017	42	50	3	53	53	0	53	7153.73	112
Apr 2017	116	82	11	93	93	0	93	7153.73	112
May 2017	326	248	23	271	271	0	271	7153.73	112
Jun 2017	371	280	13	293	293	0	293	7153.73	112
Jul 2017	162	130	3	133	133	0	133	7153.73	112
Aug 2017	84	133	2	135	135	0	135	7153.73	112
Sep 2017	49	106	2	109	109	0	109	7153.73	112
WY 2017	1288	1253	64	1317	1311	0	1314		
Oct 2017	46	68	3	70	70	0	70	7153.73	112
Nov 2017	36	37	2	39	39	0	39	7153.73	112
Dec 2017	30	53	2	55	55	0	55	7153.73	112
Jan 2018	28	53	2	56	56	0	56	7153.73	112
Feb 2018	26	47	3	50	50	0	50	7153.73	112
Mar 2018	44	35	4	39	39	0	39	7153.73	112
Apr 2018	106	70	13	83	83	0	83	7153.73	112
May 2018	308	207	32	239	239	0	239	7153.73	112
Jun 2018	366	158	28	186	186	0	186	7153.73	112
Jul 2018	159	173	7	181	181	0	181	7153.73	112
Aug 2018	82	176	4	181	181	0	181	7153.73	112
Sep 2018	48	115	3	118	118	0	118	7153.73	112
WY 2018	1280	1193	104	1297	1297	0	1297		
Oct 2018	45	68	3	70	70	0	70	7153.73	112
Nov 2018	34	37	2	39	39	0	39	7153.73	112
Dec 2018	28	62	2	65	65	0	65	7153.73	112

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Crystal Reservoir



Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
* Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
H Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
I Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
S Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
T May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
O Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
R Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
I Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
C Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
WY 2016	1034	978	103	1081	811	243	1080			384	724
A Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
L Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
* Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
Jan 2017	27	33	3	36	36	0	36	6753.04	17	0	36
Feb 2017	29	32	3	35	35	0	35	6753.04	17	0	35
Mar 2017	46	53	4	57	57	0	57	6753.04	17	5	52
Apr 2017	127	93	10	103	103	0	103	6753.04	17	30	73
May 2017	354	271	28	299	134	165	299	6753.04	17	55	244
Jun 2017	396	293	26	319	130	189	319	6753.04	17	60	259
Jul 2017	173	133	11	143	134	9	143	6753.04	17	65	78
Aug 2017	91	135	7	143	134	8	143	6753.04	17	65	78
Sep 2017	55	109	6	115	115	0	115	6753.04	17	55	60
WY 2017	1397	1314	109	1423	1048	373	1422			393	1028
Oct 2017	53	70	7	77	77	0	77	6753.04	17	30	47
Nov 2017	41	39	5	44	44	0	44	6753.04	17	0	44
Dec 2017	35	55	5	61	61	0	61	6753.04	17	0	61
Jan 2018	33	56	5	61	61	0	61	6753.04	17	0	61
Feb 2018	30	50	4	54	54	0	54	6753.04	17	0	54
Mar 2018	51	39	7	46	46	0	46	6753.04	17	5	41
Apr 2018	121	83	15	98	98	0	98	6753.04	17	30	68
May 2018	351	239	44	283	134	149	283	6753.04	17	55	228
Jun 2018	415	186	49	235	130	105	235	6753.04	17	60	175
Jul 2018	179	181	19	200	134	66	200	6753.04	17	65	135
Aug 2018	92	181	10	190	134	56	190	6753.04	17	65	125
Sep 2018	56	118	7	125	125	0	125	6753.04	17	55	70
WY 2018	1458	1297	178	1475	1099	376	1475			365	1110
Oct 2018	52	70	7	77	77	0	77	6753.04	17	30	47
Nov 2018	39	39	5	44	44	0	44	6753.04	17	0	44
Dec 2018	32	65	5	69	69	0	69	6753.04	17	0	69

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Vallecito Reservoir



Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
* Jan 2016	6	7	7649.21	85
H Feb 2016	7	6	7649.77	86
I Mar 2016	14	6	7652.71	94
S Apr 2016	25	13	7657.23	105
T May 2016	60	44	7663.23	121
O Jun 2016	77	73	7664.30	124
R Jul 2016	17	38	7656.15	102
I Aug 2016	15	33	7648.82	84
C Sep 2016	14	27	7643.21	71
WY 2016	269	270		
A Oct 2016	11	8	7644.63	74
L Nov 2016	6	2	7646.51	79
* Dec 2016	6	2	7647.98	82
Jan 2017	7	2	7650.02	87
Feb 2017	5	2	7651.36	90
Mar 2017	15	2	7656.56	103
Apr 2017	30	8	7664.75	125
May 2017	92	99	7662.12	118
Jun 2017	91	83	7664.73	125
Jul 2017	37	48	7660.52	113
Aug 2017	25	38	7655.31	100
Sep 2017	21	30	7651.85	91
WY 2017	347	323		
Oct 2017	19	18	7652.10	92
Nov 2017	10	10	7652.33	93
Dec 2017	7	7	7652.33	93
Jan 2018	6	6	7652.30	93
Feb 2018	5	5	7652.33	93
Mar 2018	10	2	7655.63	101
Apr 2018	28	13	7661.35	116
May 2018	84	93	7657.65	106
Jun 2018	91	81	7661.36	116
Jul 2018	38	48	7657.30	105
Aug 2018	24	38	7651.45	90
Sep 2018	21	30	7647.73	82
WY 2018	343	349		
Oct 2018	18	17	7647.93	82
Nov 2018	10	4	7650.28	88
Dec 2018	6	4	7651.25	90

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Navajo Reservoir



Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Famington Flow (1000 Ac-Ft)
* Jan 2016	22	0	23	1	0	22	6063.77	1396	34
H Feb 2016	42	2	39	1	1	28	6064.39	1405	43
I Mar 2016	81	7	67	2	4	25	6067.08	1441	53
S Apr 2016	119	13	94	3	19	22	6070.75	1491	53
T May 2016	209	26	165	4	12	91	6074.87	1549	175
O Jun 2016	214	35	174	5	25	250	6067.29	1443	376
R Jul 2016	24	4	40	5	37	79	6061.29	1364	97
I Aug 2016	30	4	45	4	33	35	6059.16	1337	55
C Sep 2016	21	1	33	3	27	30	6056.98	1310	41
WY 2016	864	94	769	29	169	653			1056
A Oct 2016	27	0	24	2	5	27	6056.19	1300	47
L Nov 2016	24	0	19	1	0	22	6055.87	1296	44
* Dec 2016	26	0	22	1	0	21	6055.92	1297	41
Jan 2017	23	0	18	1	0	23	6055.48	1291	36
Feb 2017	44	0	40	1	0	21	6057.00	1310	33
Mar 2017	160	5	141	2	5	23	6065.67	1422	52
Apr 2017	229	20	187	3	20	22	6075.83	1563	86
May 2017	372	54	325	4	34	261	6077.54	1588	438
Jun 2017	300	50	242	5	50	297	6069.85	1478	481
Jul 2017	89	17	82	5	55	130	6061.84	1371	211
Aug 2017	60	7	66	4	46	23	6061.30	1364	69
Sep 2017	57	4	61	3	26	23	6062.08	1374	61
WY 2017	1411	159	1228	29	242	892			1598
Oct 2017	61	4	56	2	9	23	6063.79	1397	56
Nov 2017	40	1	38	1	0	22	6064.86	1411	43
Dec 2017	30	0	30	1	0	23	6065.31	1417	40
Jan 2018	25	0	25	1	0	24	6065.34	1417	39
Feb 2018	36	0	36	1	0	29	6065.79	1423	43
Mar 2018	117	5	104	2	5	23	6071.18	1497	50
Apr 2018	214	20	179	3	21	22	6080.35	1630	86
May 2018	347	53	303	4	35	261	6080.52	1633	435
Jun 2018	306	53	243	5	51	297	6072.99	1522	489
Jul 2018	96	16	90	5	56	130	6065.70	1422	219
Aug 2018	59	5	68	4	47	30	6064.73	1409	77
Sep 2018	58	3	63	3	26	69	6062.09	1375	108
WY 2018	1389	161	1235	30	251	954			1684
Oct 2018	58	3	54	2	10	23	6063.61	1394	55
Nov 2018	35	1	29	1	0	22	6064.02	1400	41
Dec 2018	25	0	23	1	0	23	6063.93	1399	38

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Lake Powell



Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
* Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
H Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
I Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
S Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
T May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	709
O Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	807
R Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	963
I Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
C Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
WY 2016	9616	9909	378	9000	0	9000				9117
A Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
L Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
* Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
Jan 2017	320	396	8	880	0	880	3595.67	4961	11342	888
Feb 2017	412	433	8	730	0	730	3592.62	4938	11060	739
Mar 2017	697	611	14	696	0	696	3591.62	4931	10968	704
Apr 2017	1446	1151	22	637	0	637	3596.55	4968	11424	648
May 2017	3209	2886	28	638	0	638	3617.30	5132	13479	645
Jun 2017	3651	3391	51	750	0	750	3638.93	5324	15877	755
Jul 2017	1494	1439	66	850	0	850	3643.01	5363	16361	861
Aug 2017	663	720	67	900	0	900	3641.09	5344	16132	916
Sep 2017	523	637	61	670	0	670	3640.36	5337	16046	686
WY 2017	13478	12897	417	8874	126	9000				9119
Oct 2017	634	707	42	640	0	640	3640.55	5339	16068	648
Nov 2017	537	605	41	640	0	640	3639.96	5334	15999	647
Dec 2017	409	535	32	720	0	720	3638.25	5317	15798	727
Jan 2018	409	536	10	1230	0	1230	3632.60	5265	15146	1239
Feb 2018	446	545	11	1080	0	1080	3628.09	5225	14640	1091
Mar 2018	775	717	17	1150	0	1150	3624.29	5192	14224	1159
Apr 2018	1306	1110	27	1020	0	1020	3624.82	5196	14281	1026
May 2018	3063	2936	34	1020	0	1020	3640.17	5336	16024	1024
Jun 2018	3564	3272	58	1100	0	1100	3656.05	5492	17981	1102
Jul 2018	1568	1514	74	1200	0	1200	3657.78	5510	18203	1210
Aug 2018	694	806	73	1300	0	1300	3653.68	5468	17679	1316
Sep 2018	493	641	66	966	0	966	3650.81	5439	17316	983
WY 2018	13897	13923	485	12066	0	12066				12172
Oct 2018	609	654	45	640	0	640	3650.57	5437	17287	649
Nov 2018	496	540	43	640	0	640	3649.51	5426	17154	644
Dec 2018	363	473	34	720	0	720	3647.40	5405	16894	723

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*
Hoover Dam - Lake Mead



Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
* Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
H Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
I Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
S Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
T May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
O Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
R Jul 2016	950	70	64	831	13.5	30	830	612	1072.75	9419
I Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
C Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
WY 2016	9000	798	531	9293		224	9282			
A Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
L Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
* Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
Jan 2017	880	65	30	523	8.5	5	523	679	1085.15	10442
Feb 2017	730	74	28	613	11.0	6	613	688	1086.89	10590
Mar 2017	696	62	31	1027	16.7	14	1027	669	1083.40	10295
Apr 2017	637	86	38	1056	17.7	21	1056	645	1078.98	9927
May 2017	638	62	43	924	15.0	26	924	627	1075.61	9650
Jun 2017	750	41	52	845	14.2	27	845	619	1074.07	9526
Jul 2017	850	84	65	796	12.9	30	796	622	1074.57	9566
Aug 2017	900	129	69	732	11.9	28	732	634	1076.88	9754
Sep 2017	670	125	57	707	11.9	25	707	634	1076.95	9759
WY 2017	9000	945	534	9033		230	9024			
Oct 2017	640	67	42	520	8.5	20	520	642	1078.37	9877
Nov 2017	640	59	42	739	12.4	12	739	636	1077.31	9789
Dec 2017	720	55	36	710	11.5	8	710	638	1077.55	9809
Jan 2018	1230	72	30	725	11.8	5	725	671	1083.67	10318
Feb 2018	1080	84	28	643	11.6	6	643	700	1089.05	10775
Mar 2018	1150	68	32	1028	16.7	14	1028	709	1090.60	10909
Apr 2018	1020	45	40	1103	18.5	21	1103	703	1089.53	10817
May 2018	1020	28	46	946	15.4	27	946	705	1089.85	10844
Jun 2018	1100	16	55	847	14.2	27	847	716	1091.87	11019
Jul 2018	1200	79	70	798	13.0	30	798	740	1095.96	11377
Aug 2018	1300	130	76	751	12.2	28	751	775	1102.04	11918
Sep 2018	966	138	63	730	12.3	25	730	792	1105.00	12186
WY 2018	12066	841	559	9540		224	9540			
Oct 2018	640	69	47	479	7.8	20	479	802	1106.66	12338
Nov 2018	640	56	47	614	10.3	12	614	803	1106.90	12360
Dec 2018	720	54	41	580	9.4	9	580	812	1108.37	12496

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Davis Dam - Lake Mohave



Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
* Jan 2016	862	-32	10	553	0	553	9.0	841.26	1651
H Feb 2016	699	-20	10	675	0	675	11.7	841.03	1645
I Mar 2016	1008	-16	13	921	0	921	15.0	843.17	1703
S Apr 2016	1055	-18	17	979	0	979	16.4	844.70	1746
T May 2016	887	-6	22	903	0	903	14.7	843.07	1701
O Jun 2016	920	-16	26	838	0	838	14.1	844.53	1741
R Jul 2016	831	-24	26	803	0	803	13.1	843.75	1719
I Aug 2016	701	-12	23	714	0	714	11.6	842.00	1671
C Sep 2016	702	-18	18	711	0	711	11.9	840.34	1627
WY 2016	9293	-195	198	8879	0	8879			
A Oct 2016	518	-7	15	640	0	640	10.4	834.86	1482
L Nov 2016	751	-29	11	574	0	574	9.6	840.09	1620
* Dec 2016	542	-17	9	482	0	482	7.8	841.31	1653
Jan 2017	523	-14	10	494	0	494	8.0	841.50	1658
Feb 2017	613	-14	10	576	0	576	10.4	842.00	1671
Mar 2017	1027	-16	13	969	0	969	15.8	843.05	1700
Apr 2017	1056	-19	17	1021	0	1021	17.2	843.00	1699
May 2017	924	-13	22	888	0	888	14.4	843.00	1699
Jun 2017	845	-16	25	830	0	830	14.0	842.00	1671
Jul 2017	796	-13	25	771	0	771	12.5	841.50	1658
Aug 2017	732	-11	23	698	0	698	11.3	841.50	1658
Sep 2017	707	-9	18	721	0	721	12.1	840.01	1617
WY 2017	9033	-179	197	8665	0	8665			
Oct 2017	520	-1	15	687	0	687	11.2	833.00	1434
Nov 2017	739	-8	10	669	0	669	11.3	835.00	1486
Dec 2017	710	-12	9	591	0	591	9.6	838.71	1583
Jan 2018	725	-14	10	618	0	618	10.1	841.80	1666
Feb 2018	643	-14	10	620	0	620	11.2	841.80	1666
Mar 2018	1028	-16	13	966	0	966	15.7	843.05	1700
Apr 2018	1103	-19	17	1068	0	1068	18.0	843.00	1699
May 2018	946	-13	22	911	0	911	14.8	843.00	1699
Jun 2018	847	-16	25	833	0	833	14.0	842.00	1671
Jul 2018	798	-13	25	773	0	773	12.6	841.50	1658
Aug 2018	751	-11	23	717	0	717	11.7	841.50	1658
Sep 2018	730	-9	18	743	0	743	12.5	840.01	1617
WY 2018	9540	-146	197	9197	0	9197			
Oct 2018	479	-1	15	646	0	646	10.5	833.00	1434
Nov 2018	614	-8	10	545	0	545	9.2	835.00	1486
Dec 2018	580	-12	9	462	0	462	7.5	838.71	1583

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Parker Dam - Lake Havasu



	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
H	Feb 2016	675	9	8	543	9.4	13	117	446.50	552	180	3.1
I	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
S	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
T	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
O	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
R	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
I	Aug 2016	714	22	17	570	9.3	85	65	448.50	590	99	1.6
C	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	8879	225	140	6360		1057	1467			1496	
A	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
L	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
*	Dec 2016	482	27	7	271	4.4	86	118	447.64	573	112	1.8
	Jan 2017	494	13	6	282	4.6	89	137	447.00	561	121	2.0
	Feb 2017	576	12	8	473	8.5	32	67	447.00	561	160	2.9
	Mar 2017	969	4	9	718	11.7	63	181	446.70	555	198	3.2
	Apr 2017	1021	19	11	744	12.5	60	175	448.70	593	175	2.9
	May 2017	888	16	13	635	10.3	63	181	448.70	593	104	1.7
	Jun 2017	830	14	16	672	11.3	60	84	448.70	593	105	1.8
	Jul 2017	771	29	17	648	10.5	63	72	448.00	580	111	1.8
	Aug 2017	698	26	17	571	9.3	63	71	447.50	571	100	1.6
	Sep 2017	721	23	15	522	8.8	60	138	447.50	570	89	1.5
	WY 2017	8665	240	139	6377		797	1500			1433	
	Oct 2017	687	27	12	500	8.1	63	132	447.50	571	74	1.2
	Nov 2017	669	22	9	451	7.6	60	165	447.50	571	124	2.1
	Dec 2017	591	19	7	385	6.3	63	170	446.50	552	140	2.3
	Jan 2018	618	13	6	382	6.2	81	158	446.50	552	154	2.5
	Feb 2018	620	12	8	494	8.9	49	74	446.50	552	180	3.2
	Mar 2018	966	4	9	728	11.8	68	153	446.70	555	206	3.4
	Apr 2018	1068	19	11	764	12.8	79	185	448.70	593	192	3.2
	May 2018	911	16	13	631	10.3	81	190	448.70	593	97	1.6
	Jun 2018	833	14	16	666	11.2	79	74	448.70	593	98	1.6
	Jul 2018	773	29	17	631	10.3	81	74	448.00	580	99	1.6
	Aug 2018	717	26	17	570	9.3	81	74	447.50	571	99	1.6
	Sep 2018	743	23	15	508	8.5	79	158	447.50	570	89	1.5
	WY 2018	9197	224	139	6706		864	1606			1551	
	Oct 2018	646	27	12	478	7.8	27	148	447.50	571	68	1.1
	Nov 2018	545	22	9	378	6.4	27	148	447.50	571	103	1.7
	Dec 2018	462	19	7	314	5.1	27	148	446.50	552	115	1.9

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Hoover Dam - Lake Mead



Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
* Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
H Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
I Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
S Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
T May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
O Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
R Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
I Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
C Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
WY 2016	9293							3596.9		
A Oct 2016	518	8.4	1076.34	9710	90	438.10	1158.0	195.2	87	377.1
L Nov 2016	751	12.6	1076.55	9727	17	427.42	860.8	290.6	80	386.7
* Dec 2016	542	8.8	1080.82	10079	352	438.26	778.9	207.3	71	382.3
Jan 2017	523	8.5	1085.15	10442	363	435.42	857.0	203.1	54	388.5
Feb 2017	613	11.0	1086.89	10590	148	436.41	1137.0	240.6	71	392.6
Mar 2017	1027	16.7	1083.40	10295	-295	434.76	1157.0	408.1	74	397.5
Apr 2017	1056	17.7	1078.98	9927	-368	429.74	1241.9	415.6	81	393.7
May 2017	924	15.0	1075.61	9650	-276	425.98	1209.0	358.5	80	388.1
Jun 2017	845	14.2	1074.07	9526	-124	421.73	1505.0	326.1	100	386.1
Jul 2017	796	12.9	1074.57	9566	41	421.71	1514.0	304.6	100	382.6
Aug 2017	732	11.9	1076.88	9754	188	423.27	1526.0	278.5	100	380.6
Sep 2017	707	11.9	1076.95	9759	5	424.93	1526.0	270.2	100	382.0
WY 2017	9033							3498.3		
Oct 2017	520	8.5	1078.37	9877	117	430.53	1138.0	203.9	74	392.1
Nov 2017	739	12.4	1077.31	9789	-88	433.11	1119.0	291.8	73	395.0
Dec 2017	710	11.5	1077.55	9809	20	431.31	1059.0	277.5	69	391.1
Jan 2018	725	11.8	1083.67	10318	509	432.92	969.0	286.4	63	395.2
Feb 2018	643	11.6	1089.05	10775	457	437.64	968.0	256.2	63	398.4
Mar 2018	1028	16.7	1090.60	10909	134	439.93	1058.0	415.5	69	404.0
Apr 2018	1103	18.5	1089.53	10817	-92	439.80	1033.1	452.0	69	409.8
May 2018	946	15.4	1089.85	10844	28	438.85	1100.0	380.7	75	402.2
Jun 2018	847	14.2	1091.87	11019	175	437.62	1489.2	339.1	100	400.4
Jul 2018	798	13.0	1095.96	11377	358	441.14	1490.9	319.0	100	399.6
Aug 2018	751	12.2	1102.04	11918	541	446.34	1503.4	301.1	100	401.0
Sep 2018	730	12.3	1105.00	12186	268	451.31	1503.7	295.8	100	405.2
WY 2018	9540							3819.1		
Oct 2018	479	7.8	1106.66	12338	153	458.54	1126.9	196.3	74	409.6
Nov 2018	614	10.3	1106.90	12360	21	461.89	1113.3	254.9	73	414.8
Dec 2018	580	9.4	1108.37	12496	136	461.37	1053.7	238.0	69	410.4

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Davis Dam - Lake Mohave



Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
* Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
H Feb 2016	675	11.7	641.03	1645	-6	139.82	178.5	86.3	70	127.8
I Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
S Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
T May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
O Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
R Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
I Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
C Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
WY 2016	8879							1129.0		
A Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
L Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
* Dec 2016	482	7.8	641.31	1653	33	138.48	188.3	61.4	66	127.3
Jan 2017	494	8.0	641.50	1658	5	137.08	164.5	62.4	65	126.3
Feb 2017	576	10.4	642.00	1671	13	136.67	187.6	72.4	74	125.7
Mar 2017	969	15.8	643.05	1700	29	136.39	223.7	120.8	88	124.6
Apr 2017	1021	17.2	643.00	1699	-2	136.07	255.0	127.3	100	124.6
May 2017	888	14.4	643.00	1699	0	136.04	255.0	111.4	100	125.5
Jun 2017	830	14.0	642.00	1671	-27	135.51	255.0	103.9	100	125.2
Jul 2017	771	12.5	641.50	1658	-14	134.73	255.0	96.3	100	125.0
Aug 2017	698	11.3	641.50	1658	0	134.46	255.0	87.3	100	125.1
Sep 2017	721	12.1	640.01	1617	-40	133.68	255.0	89.5	100	124.2
WY 2017	8665							1083.2		
Oct 2017	687	11.2	633.00	1434	-183	130.74	202.3	83.0	79	120.7
Nov 2017	669	11.3	635.00	1486	51	129.19	170.0	79.3	67	118.4
Dec 2017	591	9.6	638.71	1583	97	132.25	167.8	71.9	66	121.6
Jan 2018	618	10.1	641.80	1666	83	134.43	210.6	76.9	83	124.5
Feb 2018	620	11.2	641.80	1666	0	136.73	187.6	77.7	74	125.5
Mar 2018	966	15.7	643.05	1700	34	137.26	190.8	120.3	75	124.5
Apr 2018	1068	18.0	643.00	1699	-2	136.07	255.0	132.9	100	124.4
May 2018	911	14.8	643.00	1699	0	136.04	255.0	114.2	100	125.3
Jun 2018	833	14.0	642.00	1671	-27	135.51	255.0	104.2	100	125.1
Jul 2018	773	12.6	641.50	1658	-14	134.73	255.0	96.6	100	124.9
Aug 2018	717	11.7	641.50	1658	0	134.46	255.0	89.6	100	125.0
Sep 2018	743	12.5	640.01	1617	-40	133.68	255.0	92.2	100	124.1
WY 2018	9197							1138.9		
Oct 2018	646	10.5	633.00	1434	-183	130.46	211.7	78.2	83	120.9
Nov 2018	545	9.2	635.00	1486	51	128.56	188.7	65.0	74	119.2
Dec 2018	462	7.5	638.71	1583	97	131.55	188.7	56.5	74	122.4

* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Parker Dam - Lake Havasu



Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
* Jan 2016	324	5.3	448.80	554	-6	80.76	94.8	22.3	79	68.8
H Feb 2016	528	9.4	448.50	552	-2	78.54	87.6	38.1	73	72.2
I Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
S Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
T May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
O Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
R Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
I Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
C Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
WY 2016	6345							447.6		
A Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
L Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
* Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
Jan 2017	282	4.6	447.00	561	-12	75.92	93.9	17.9	78	63.6
Feb 2017	473	8.5	447.00	561	0	75.21	101.8	30.9	85	65.4
Mar 2017	718	11.7	446.70	555	-6	74.26	120.0	46.8	100	65.2
Apr 2017	744	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
May 2017	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3
Jun 2017	672	11.3	448.70	593	0	76.05	120.0	44.6	100	66.5
Jul 2017	648	10.5	448.00	580	-13	75.71	120.0	42.8	100	66.1
Aug 2017	571	9.3	447.50	571	-9	75.13	120.0	37.3	100	65.3
Sep 2017	522	8.8	447.50	570	0	75.69	102.0	34.3	85	65.8
WY 2017	6377							422.6		
Oct 2017	500	8.1	447.50	571	0	74.97	118.1	32.4	98	64.9
Nov 2017	451	7.6	447.50	571	0	75.93	97.0	29.6	81	65.6
Dec 2017	385	6.3	446.50	552	-19	74.40	120.0	24.5	100	63.7
Jan 2018	382	6.2	446.50	552	0	74.88	98.7	24.5	82	64.2
Feb 2018	494	8.9	448.50	552	0	75.04	95.4	32.3	79	65.4
Mar 2018	728	11.8	446.70	555	4	74.01	120.0	47.3	100	65.0
Apr 2018	764	12.8	448.70	593	38	75.08	120.0	50.4	100	66.0
May 2018	631	10.3	448.70	593	0	76.05	120.0	41.8	100	66.3
Jun 2018	666	11.2	448.70	593	0	76.05	120.0	44.3	100	66.4
Jul 2018	631	10.3	448.00	580	-13	75.71	120.0	41.6	100	66.0
Aug 2018	570	9.3	447.50	571	-9	75.13	120.0	37.2	100	65.3
Sep 2018	506	8.5	447.50	570	0	74.89	120.0	32.8	100	65.0
WY 2018	6706							438.8		
Oct 2018	479	7.8	447.50	571	0	75.86	98.4	31.4	82	65.6
Nov 2018	378	6.4	447.50	571	0	75.80	99.6	24.5	83	64.9
Dec 2018	314	5.1	446.50	552	-19	74.40	120.0	19.8	100	63.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Upper Basin Power



Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
* Jan 2016	373	52	17	22	13	3
H Feb 2016	302	45	16	21	12	4
I Mar 2016	298	20	10	11	7	4
Winter 2016	1871	274	100	118	38	23
S Apr 2016	288	19	18	25	16	4
T May 2016	305	20	38	61	21	7
O Jun 2016	380	105	14	18	15	9
R Jul 2016	435	46	34	40	22	6
I Aug 2016	408	44	33	39	22	6
C Sep 2016	315	42	30	36	20	3
Summer 2016	2111	276	166	218	116	34
A Oct 2016	269	33	26	33	19	0
L Nov 2016	277	30	9	11	6	0
* Dec 2016	395	41	10	11	6	0
Jan 2017	345	40	10	12	6	6
Feb 2017	284	36	9	12	6	4
Mar 2017	269	62	15	19	10	6
Winter 2017	1839	244	79	98	52	16
Apr 2017	248	61	24	33	18	6
May 2017	255	92	62	98	23	7
Jun 2017	313	105	62	106	22	8
Jul 2017	364	107	41	48	23	10
Aug 2017	386	54	42	49	23	10
Sep 2017	286	52	33	39	20	6
Summer 2017	1851	471	264	372	130	46
Oct 2017	273	54	21	25	13	6
Nov 2017	273	52	11	14	8	6
Dec 2017	307	54	16	20	10	6
Jan 2018	521	54	16	20	11	5
Feb 2018	453	48	14	18	9	5
Mar 2018	478	53	10	14	8	7
Winter 2018	2305	315	88	112	59	34
Apr 2018	423	52	21	30	17	6
May 2018	429	96	62	86	23	7
Jun 2018	477	104	49	67	22	8
Jul 2018	528	41	55	65	23	10
Aug 2018	571	41	55	65	23	10
Sep 2018	422	40	35	43	22	6
Summer 2018	2850	372	276	356	131	46
Oct 2018	279	41	20	25	13	6
Nov 2018	278	39	11	14	8	6
Dec 2018	312	41	18	23	12	6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS



January 2017 24-Month Study

Maximum Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions



Date	Flaming Gorge	Blue Mesa	Navajo	Lake Powell	Upper Basin Total	Lake Mead	Total	Flaming Gorge	Blue Mesa	Navajo	Tot or Max Allow	Lake Powell	Lake Mead	Total	BOM Space Required	Mead Sched Rel	Mead FC Rel	Sys Cont	
	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2017	759	237	399	12525	13921	17298	31219	759	237	399	1396	12525	17298	31219	5350	523	0	29.3	
Jan 2017	759	237	399	12525	13921	17298	31219	635	156	259	1049	12525	17298	30873	5350	523	0	29.3	
Feb 2017	828	248	405	12980	14461	16935	31396	703	168	263	1134	12980	16935	31049	1500	613	0	29.2	
Mar 2017	868	253	386	13262	14769	16787	31556	741	174	244	1159	13262	16787	31208	1500	1027	0	28.9	
Apr 2017	901	263	274	13354	14792	17082	31874	770	185	125	1080	13354	17082	31517	1500	1056	0	29.3	
May 2017	804	228	133	12898	14063	17450	31513	665	162	-39	788	12898	17450	31136	1500	924	0	31.4	
Jun 2017	575	168	108	10843	11694	17727	29421	419	107	-103	423	10843	17727	28993	1500	845	0	33.8	
Jul 2017	312	90	218	8445	9065	17851	26916	138	30	-48	120	8445	17851	26416	1500	796	0	34.4	
**** PREDICTED SPACE ****								**** CREDITABLE SPACE ****											
Aug 2017	194	47	325	7961	8527	17811	26337	194	47	325	566	7961	17811	26337	1500	732	0	34.3	
Sep 2017	201	87	332	8190	8809	17623	26432	201	87	332	620	8190	17623	26432	2270	707	0	34.0	
Oct 2017	272	137	322	8276	9006	17618	26624	272	137	322	730	8276	17618	26624	3040	520	0	33.9	
Nov 2017	352	160	299	8254	9065	17500	26565	352	160	299	811	8254	17500	26565	3810	739	0	33.7	
Dec 2017	435	163	285	8323	9206	17588	26794	435	163	285	883	8323	17588	26794	4580	710	0	33.5	
Jan 2018	541	188	279	8524	9533	17568	27101	541	188	279	1008	8524	17568	27101	5350	725	0	33.3	
**** PREDICTED SPACE ****								**** EFFECTIVE SPACE ****											
Jan 2018	541	188	279	8524	9533	17568	27101	258	188	193	639	8524	17568	26732	5350	725	0	33.3	
Feb 2018	642	214	279	9176	10311	17059	27370	359	214	192	765	9176	17059	27001	1500	643	0	33.2	
Mar 2018	725	237	273	9682	10916	16602	27518	441	237	185	864	9682	16602	27147	1500	1028	0	33.0	
Apr 2018	759	232	199	10098	11289	16468	27757	472	232	104	808	10098	16468	27375	1500	1103	0	33.1	
May 2018	742	214	66	10041	11063	16560	27623	449	214	-52	611	10041	16560	27212	1500	946	0	35.0	
Jun 2018	691	160	63	8298	9213	16533	25745	387	159	-94	452	8298	16533	25284	1500	847	0	37.4	
Jul 2018	500	12	174	6341	7027	16358	23384	181	-21	-40	120	6341	16358	22818	1500	798	0	38.0	
**** PREDICTED SPACE ****								**** CREDITABLE SPACE ****											
Aug 2018	338	38	274	6119	6769	16000	22769	338	38	274	650	6119	16000	22769	1500	751	0	37.9	
Sep 2018	347	129	287	6643	7406	15459	22866	347	129	287	763	6643	15459	22866	2270	730	0	37.6	
Oct 2018	396	192	321	7006	7915	15191	23107	396	192	321	910	7006	15191	23107	3040	479	0	37.5	
Nov 2018	445	217	302	7035	7999	15039	23037	445	217	302	964	7035	15039	23037	3810	614	0	37.3	
Dec 2018	500	221	296	7168	8185	15017	23202	500	221	296	1017	7168	15017	23202	4580	580	0	37.2	

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