

Report Created:  
5/31/2023 10:15:02 AM

**Streamflow Forecast Summary: May 1, 2023**  
**(Medians based On 1991-2020 reference period)**

Forecast Exceedance Probabilities For Risk Assessment  
Chance that actual volume will exceed forecast

<b>Canadian</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Vermejo R nr Dawson	MAR-JUN	1.27	1.97	2.6	49%	3.3	4.7	5.3
	MAY-JUN	0.55	1.25	1.88	49%	2.6	4	3.8
Cimarron R nr Cimarron <sup>2</sup>	MAR-JUN	6.8	10.2	12.5	136%	14.8	18.2	9.2
	MAY-JUN	-0.2	3.2	5.5	122%	7.8	11.2	4.5
Eagle Nest Reservoir Inflow <sup>2</sup>	MAR-JUN	5.3	7.3	8.6	128%	10	12	6.7
	MAY-JUN	-0.65	1.35	2.6	108%	4	6	2.4
Ponil Ck nr Cimarron	MAR-JUN	1.9	2.7	3.4	63%	4.2	5.7	5.4
	MAY-JUN	0.77	1.57	2.3	74%	3.1	4.6	3.1
Rayado Ck nr Cimarron	MAR-JUN	2.9	3.8	4.5	88%	5.3	6.8	5.1
	MAY-JUN	0.89	1.79	2.5	93%	3.3	4.8	2.7

- 1) 90% And 10% exceedance probabilities are actually 95% And 5%  
2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

Forecast Exceedance Probabilities For Risk Assessment  
Chance that actual volume will exceed forecast

<b>Gila-San Francisco</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
San Francisco R at Clifton								
Gila R at Gila								
Gila R bl Blue Ck nr Virden								
San Francisco R at Glenwood								

- 1) 90% And 10% exceedance probabilities are actually 95% And 5%  
2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

Forecast Exceedance Probabilities For Risk Assessment  
Chance that actual volume will exceed forecast

<b>Lower Rio Grande</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Jemez R bl Jemez Canyon Dam	MAR-JUL	35	39	42	191%	46	52	22
	MAY-JUL	6	9.9	13.1	164%	16.7	23	8
Jemez R nr Jemez	MAR-JUL	43	47	49	169%	52	57	29
	MAY-JUL	11.1	14.6	17.2	130%	20	25	13.2
Santa Fe R nr Santa Fe <sup>2</sup>	MAR-JUL	4.4	5	5.4	164%	5.9	6.6	3.3
	MAY-JUL	2.1	2.7	3.1	148%	3.6	4.3	2.1
Mimbres R at Mimbres <sup>2</sup>								
Rio Grande at San Marcial <sup>2</sup>	MAR-JUL	340	425	480	139%	535	620	345

MAY-JUL 176 260 315 162% 370 455 195

- 1) 90% And 10% exceedance probabilities are actually 95% And 5%  
 2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

Forecast Exceedance Probabilities For Risk Assessment  
 Chance that actual volume will exceed forecast

<b>Pecos</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Pecos R nr Pecos	MAR-JUL	60	69	76	143%	83	95	53
	MAY-JUL	37	46	53	133%	60	72	40
Rio Ruidoso at Hollywood	MAR-JUN	6	6.6	7	206%	7.5	8.3	3.4
	MAY-JUN	1.23	1.77	2.2	162%	2.7	3.5	1.36
Gallinas Ck nr Montezuma	MAR-JUL	10.4	12.4	13.9	174%	15.6	18.4	8
	MAY-JUL	4.5	6.5	8	190%	9.7	12.5	4.2
Pecos R ab Santa Rosa Lk	MAR-JUL	53	64	72	176%	81	97	41
	MAY-JUL	22	33	41	152%	50	66	27
Pecos R nr Anton Chico	MAR-JUL	65	77	87	164%	97	115	53
	MAY-JUL	29	41	51	170%	61	79	30

- 1) 90% And 10% exceedance probabilities are actually 95% And 5%  
 2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

Forecast Exceedance Probabilities For Risk Assessment  
 Chance that actual volume will exceed forecast

<b>Rio Chama-Upper Rio Grande</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Santa Cruz R at Cundiyo	MAR-JUL	15.7	17.9	19.6	118%	21	24	16.6
	MAY-JUL	8.6	10.8	12.5	126%	14.3	17.2	9.9
Costilla Reservoir Inflow <sup>2</sup>	MAR-JUL	4.4	5.6	6.6	64%	7.6	9.3	10.3
	MAY-JUL	2.9	4.1	5.1	61%	6.1	7.8	8.4
Nambe Falls Reservoir Inflow <sup>2</sup>	MAR-JUL	7	7.9	8.6	154%	9.4	10.5	5.6
	MAY-JUL	3.4	4.3	5	122%	5.7	6.9	4.1
Rio Lucero nr Arroyo Seco	MAR-JUL	8	9.3	10.3	102%	11.4	13.2	10.1
	MAY-JUL	4	5.4	6.4	76%	7.5	9.3	8.4
Embudo Ck at Dixon	MAR-JUL	42	49	54	169%	59	67	32
	MAY-JUL	27	34	39	177%	44	53	22
Tesuque Ck ab diversions	MAR-JUL	1.75	2.1	2.3	204%	2.6	3	1.13
	MAY-JUL	0.81	1.12	1.36	189%	1.62	2.1	0.72
Rio Pueblo de Taos nr Taos	MAY-JUL	4.6	6.6	8.1	81%	9.8	12.6	10
Rio Hondo nr Valdez	MAR-JUL	9.2	11.2	12.8	85%	14.5	17.2	15.1
	MAY-JUL	6.4	8.4	10	78%	11.7	14.4	12.8
Costilla Ck nr Costilla <sup>2</sup>	MAR-JUL	9.1	11.7	13.9	63%	16.3	20	22
	MAY-JUL	4.8	7.4	9.6	53%	12	16.1	18.1

Rio Grande at Otowi Bridge <sup>2</sup>	MAR-JUL	570	645	700	124%	760	850	565
	MAY-JUL	335	410	465	124%	525	615	375
Red R bl Fish Hatchery nr Questa	MAR-JUL	16.5	19.6	22	71%	25	28	31
	MAY-JUL	8.4	11.5	13.9	58%	16.5	21	24
Rio Pueblo de Taos bl Los Cordovas	MAR-JUL	18.6	25	30	143%	36	47	21
	MAY-JUL	6.6	12.8	18.1	131%	24	35	13.8
El Vado Reservoir Inflow <sup>2</sup>	MAR-JUL	240	270	295	159%	320	360	186
	MAY-JUL	164	197	220	182%	245	285	121

1) 90% And 10% exceedance probabilities are actually 95% And 5%

2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast
---

<b>Rio Grande Headwaters</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Sangre de Cristo Ck <sup>2</sup>	APR-SEP	5.6	8.5	10.8	99%	13.4	17.9	10.9
	MAY-SEP	4.3	7.2	9.5	104%	12.1	16.6	9.1
Ute Ck nr Fort Garland	APR-SEP	6.7	8.7	10.3	91%	11.9	14.7	11.3
	MAY-SEP	5.9	7.9	9.5	91%	11.1	13.9	10.4
Platoro Reservoir Inflow <sup>2</sup>	APR-JUL	51	59	65	127%	72	82	51
	APR-SEP	56	66	72	126%	79	90	57
	MAY-JUL	47	55	61	124%	68	78	49
	MAY-SEP	52	62	68	126%	75	86	54
Rio Grande at Wagon Wheel Gap <sup>2</sup>	APR-SEP	280	325	360	116%	395	450	310
	MAY-SEP	245	290	325	114%	360	415	285
San Antonio R at Ortiz	APR-SEP	17.3	18.8	19.8	206%	21	23	9.6
	MAY-SEP	9.1	10.6	11.6	247%	12.8	14.5	4.7
Rio Grande at Thirty Mile Bridge <sup>2</sup>	APR-JUL	107	122	133	120%	144	159	111
	APR-SEP	125	144	149	124%	169	187	120
	MAY-JUL	99	114	125	125%	136	151	100
	MAY-SEP	117	136	141	128%	161	179	110
Rio Grande nr Lobatos <sup>2</sup>								
La Jara Ck nr Capulin	MAY-JUL	4.3	5.6	6.5	141%	7.6	9.3	4.6
Los Pinos R nr Ortiz	APR-SEP	76	85	91	149%	97	107	61
	MAY-SEP	63	72	78	159%	84	94	49
Saguache Ck nr Saguache	APR-SEP	16.2	22	27	96%	32	41	28
	MAY-SEP	13	19	24	96%	29	38	25
Rio Grande nr Del Norte <sup>2</sup>	APR-SEP	445	515	565	118%	620	700	480
	MAY-SEP	380	450	500	119%	555	635	420
Alamosa Ck ab Terrace Reservoir	APR-SEP	63	73	80	131%	88	100	61
	MAY-SEP	54	64	71	129%	79	91	55
Conejos R nr Mogote <sup>2</sup>	APR-SEP	190	215	235	140%	255	285	168

SF Rio Grande at South Fork <sup>2</sup>	MAY-SEP	170	196	215	141%	235	265	152
	APR-SEP	126	143	156	139%	169	190	112
Trinchera Ck ab Turners Ranch	MAY-SEP	102	119	132	136%	145	166	97
	APR-SEP	6.7	8.6	10.1	98%	11.6	14.2	10.3
Culebra Ck at San Luis	MAY-SEP	6	7.9	9.4	101%	10.9	13.5	9.3
	APR-SEP	6.9	10.3	13.1	78%	16.3	22	16.7
	MAY-SEP	6.1	9.5	12.3	79%	15.5	21	15.5

1) 90% And 10% exceedance probabilities are actually 95% And 5%

2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast
---

<b>San Juan</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Vallecito Reservoir Inflow <sup>2</sup>	APR-JUL	205	235	255	151%	275	310	169
	MAY-JUL	169	198	220	148%	240	275	149
Mancos R nr Mancos <sup>2</sup>	APR-JUL	30	35	39	245%	44	51	15.9
	MAY-JUL	17.2	23	27	257%	32	39	10.5
Lemon Reservoir Inflow <sup>2</sup>	APR-JUL	60	68	74	164%	80	89	45
	MAY-JUL	53	61	67	163%	73	82	41
Rio Blanco at Blanco Diversion <sup>2</sup>	APR-JUL	54	62	68	142%	74	84	48
	MAY-JUL	43	51	57	136%	63	73	42
Piedra R nr Arboles	APR-JUL	235	265	285	163%	310	345	175
	MAY-JUL	144	173	195	152%	220	255	128
Animas R at Durango	APR-JUL	480	535	575	153%	615	680	375
	MAY-JUL	420	475	515	156%	555	620	330
Navajo Reservoir Inflow <sup>2</sup>	APR-JUL	780	895	980	156%	1070	1210	630
	MAY-JUL	535	650	735	155%	825	970	475
Navajo R bl Oso Diversion <sup>2</sup>	APR-JUL	66	76	83	148%	90	102	56
	MAY-JUL	53	63	70	149%	77	89	47
Captain Tom Wash nr Two Gray Hills								
La Plata R at Hesperus	APR-JUL	26	29	31	165%	34	38	18.8
	MAY-JUL	19.8	23	25	167%	28	32	15
San Juan R nr Carracas <sup>2</sup>	APR-JUL	395	450	490	146%	535	600	335
	MAY-JUL	285	340	380	136%	425	490	280

1) 90% And 10% exceedance probabilities are actually 95% And 5%

2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions

Forecast Exceedance Probabilities For Risk Assessment Chance that actual volume will exceed forecast
---

<b>Zuni</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Median (KAF)
Zuni R ab Black Rock Reservoir								

Rio Nutria nr Ramah

---

1) 90% And 10% exceedance probabilities are actually 95% And 5%

2) Forecasts are For unimpaired flows. Actual flow will be dependent On management of upstream reservoirs And diversions