

United States Department of Agriculture

Natural Resources Conservation Service

# Arizona Basin Outlook Report January 1, 2020



#### Issued by

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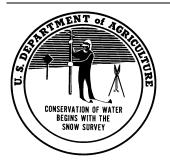
# Basin Outlook Reports And Federal – State – Private Cooperative Snow Surveys

#### How forecasts are made

Most of the annual streamflow in Arizona originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snow courses and automated Snow Telemetry (SNOTEL) sites, along with precipitation and streamflow values, are used in statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service (NRCS) the National Weather Service, and the Salt River Project.

Forecasts of any kind are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertainty of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be above, and a 50% chance that the actual flow will be below, this value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast.

The wider the spread among these values, the more uncertain the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known. This is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. If users anticipate receiving a lesser supply of water, or are concerned about having an adequate water supply, they may want to base their decisions on the 90% or 70% exceedance probability forecasts. On the other hand, if users anticipate receiving too much water, or are concerned about the threat of flooding, they may want to base their decisions on the 30% or 10% exceedance probability forecasts. Regardless of the forecast value users choose, they should be prepared to deal with either more or less water.



# For more water supply and resource management information, contact:

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# **ARIZONA Basin Outlook Report** as of January 1, 2020

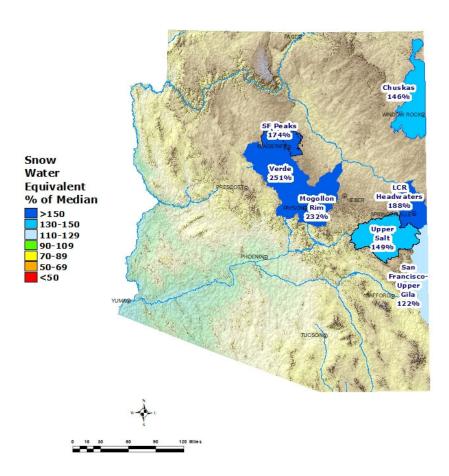
# SUMMARY

As of January 1, snowpack levels are above normal to well above normal throughout the major basins of the state. Precipitation for the month of December was above normal to well above normal in the major river basins. The Salt and Verde River reservoir system stands at 73 percent of capacity, while San Carlos Reservoir is at 5 percent of capacity. The forecast calls for above normal to well above normal runoff in all basins for the spring runoff period.

## **SNOWPACK**

Snow water equivalent levels in the state's major river basins are above normal to well above normal, ranging from 251 percent of median in the Verde River Basin to 122 percent of median in the Upper Gila River Basin. The statewide snowpack is well above normal at 184 percent of median.

#### Arizona Snow Water Equivalent as of January 1, 2020

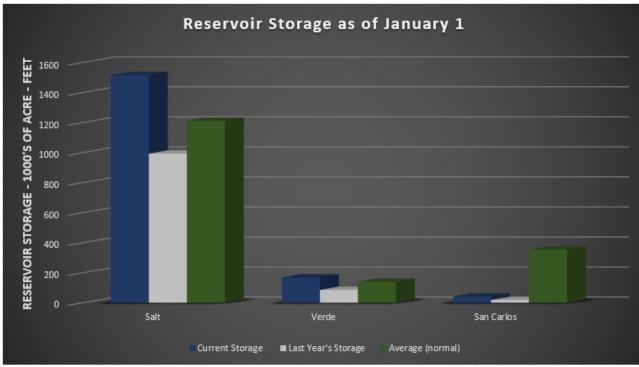


## PRECIPITATION

Mountain data from NRCS SNOTEL sites and NWS Cooperator gages show that precipitation for December was above average to well above average in the major river basins. Cumulative precipitation since October 1 is above normal to well above normal throughout the basins. Please refer to the precipitation bar graphs found in this report for more information on precipitation levels in the basins.

## **RESERVOIR STORAGE**

As of January 1, the Salt and Verde River reservoir system stands at 73 percent of capacity. San Carlos Reservoir is currently at 5 percent of capacity.

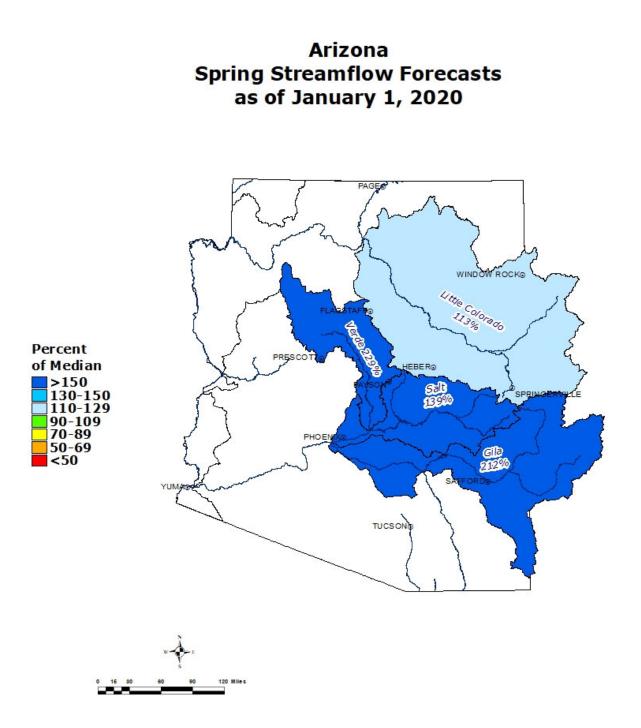


Key storage volumes displayed in thousands of acre-feet (x1000):

<u>Reservoir</u>	Current <u>Storage</u>	Last Year <u>Storage</u>	30-Year <u>Average</u>	Storage <u>Capacity</u>
Salt River System	1516.7	994.0	1181.0	2025.8
Verde River System	169.3	86.2	135.7	287.4
San Carlos Reservoir	42.7	19.5	324.9	875.0
Lyman Lake	8.7	3.7	11.8	30.0
Lake Havasu	583.1	552.4	562.7	619.0
Lake Mohave	1638.1	1638.7	1602.0	1810.0
Lake Mead	10899.0	10132.0	20297.0	26159.0
Lake Powell	12604.0	10099.0	17745.0	24322.0

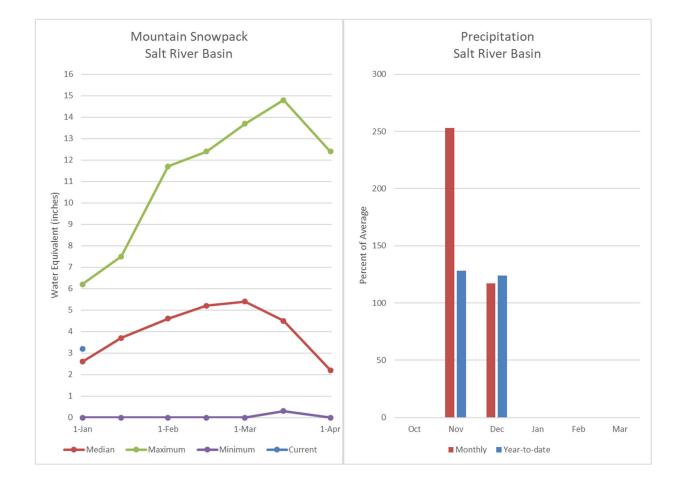
#### **STREAMFLOW**

As of January 1, the forecast calls for above normal to well above normal streamflow for the spring runoff period, ranging from 113 percent of median in the Little Colorado River above Lyman Lake to 229 percent of median in the Verde River near above Horseshoe Dam. Total precipitation since the beginning of the water year has been well above average for the state, producing favorable conditions for runoff. Please refer to the basin forecast tables found in this report for more information regarding water supply forecasts.



#### SALT RIVER BASIN as of January 1, 2020

Well above normal streamflow levels are forecast for the basin. In the Salt River, near Roosevelt, the forecast calls for 139% of median streamflow through May, while at Tonto Creek, the forecast calls for 214% of median streamflow through May. Snow survey measurements show the Salt snowpack to be at 149% of median.



	Streamfle	ow Fore	casts - Ja	nuary 1,	2020					
		F	Forecast Exceedance Probabilities for Risk Assessment							
			Chance th	nat actual volu	ume will excee	ed forecast				
SALT RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)		
Salt R nr Roosevelt <sup>3</sup>										
	JAN	14.1	36	59	246%	91	156	24		
	JAN-MAY	187	315	430	139%	570	825	310		
	MAR-MAY	120	197	265	110%	345	495	240		
Tonto Ck ab Gun Ck nr Roosevelt <sup>3</sup>										
	JAN	4.3	11.9	24	632%	48	135	3.8		
	JAN-MAY	22	55	90	214%	137	235	42		

# Salt River Basin

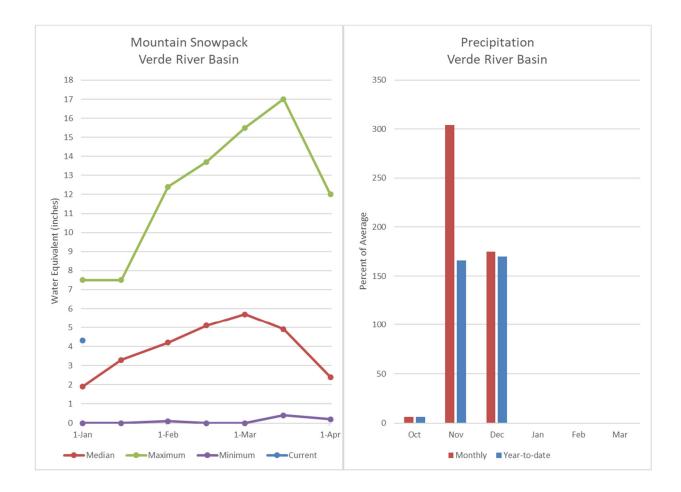
90% and 10% exceedance probabilities are actually 95% and 5%
 Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

Reservoir Storage End of December, 2019	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)	
Salt River Reservoir System	1516.7	994.0	1181.0	2025.8	
Basin-wide Total	1516.7	994.0	1181.0	2025.8	
# of reservoirs	1	1	1	1	
Watershed Snowpack Analysis January 1, 2020	# of Sites	% Median	Last Year % Median		
SALT RIVER BASIN	8	149%	80%		

# **VERDE RIVER BASIN as of January 1, 2020**

Well above normal streamflow levels are forecast for the basin. In the Verde River above Horseshoe Dam, the forecast calls for 229% of median streamflow through May. Snow survey measurements show the Verde snowpack to be at 251% of median.



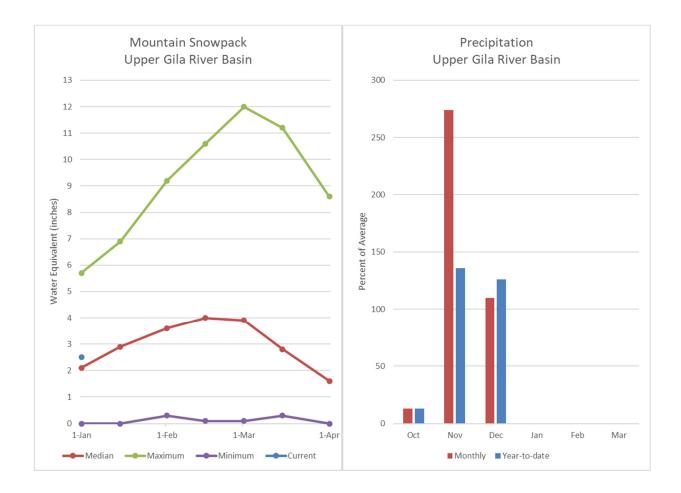
	Streamfl		River Ba casts - Ja		2020			
	[	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
VERDE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Verde R bl Tangle Ck ab Horseshoe Dam <sup>3</sup>								
	JAN	26	45	67	291%	98	172	23
	JAN-MAY	147	250	360	229%	515	880	157

90% and 10% exceedance probabilities are actually 95% and 5%
 Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 Median value used in place of average

Reservoir Storage End of December, 2019	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
Verde River Reservoir System	169.3	86.2	135.7	287.4
Basin-wide Total	169.3	86.2	135.7	287.4
# of reservoirs	1	1	1	1
Watershed Snowpack Analysis January 1, 2020	# of Sites	% Median	Last Year % Median	
VERDE RIVER BASIN	6	251%	55%	

#### SAN FRANCISCO-UPPER GILA RIVER BASIN as of January 1, 2020

Well above normal streamflow levels are forecast for the basin. In the San Francisco River, at Clifton, the forecast calls for 170% of median streamflow levels through May. In the Gila River, near Solomon, the forecast calls for 212% of median streamflow levels through May. At San Carlos Reservoir, inflow to the lake is forecast at 263% of median through May. Snow survey measurements show the snowpack for this basin to be at 122% of median.



		Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
SAN FRANCISCO-UPPER GILA RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gila R at Gila <sup>3</sup>								
	JAN-MAY	30	49	65	116%	85	120	56
Gila R bl Blue Ck nr Virden <sup>3</sup>								
	JAN-MAY	42	76	105	138%	139	197	76
San Francisco R at Glenwood <sup>3</sup>								
	JAN-MAY	16.5	29	41	195%	55	82	21
San Francisco R at Clifton <sup>3</sup>								
	JAN-MAY	42	75	104	170%	137	194	61
Gila R nr Solomon <sup>3</sup>								
	JAN	16.3	27	37	188%	47	65	19.7
	JAN-MAY	124	215	290	212%	380	530	137
San Carlos Reservoir Inflow <sup>3</sup>								
	JAN-MAY	91	176	250	263%	335	490	95

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

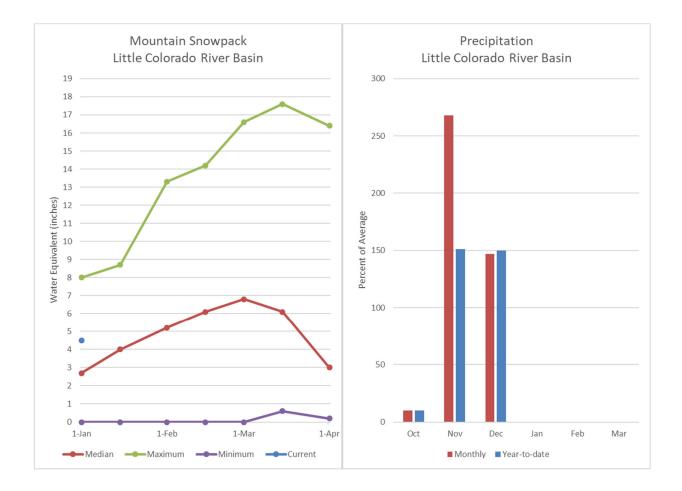
3) Median value used in place of average

Reservoir Storage End of December, 2019	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
San Carlos Reservoir	42.7	19.6	324.9	875.0
Basin-wide Total	42.7	19.6	324.9	875.0
# of reservoirs	1	1	1	1
Watershed Snowpack Analysis January 1, 2020	# of Sites	% Median	Last Year % Median	
SAN FRANCISCO-UPPER GILA RIVER BASIN	7	122%	80%	

#### San Francisco-Upper Gila River Basin Streamflow Forecasts - January 1, 2020

#### LITTLE COLORADO RIVER BASIN as of January 1, 2020

Above normal streamflow levels are forecast for the basin. In the Little Colorado River, above Lyman Lake, the forecast calls for 113% of median streamflow through June. At Blue Ridge (C.C. Cragin) Reservoir, inflow to the lake is forecast at 120% of median through May. Snowpacks along the southern headwaters of the Little Colorado River, and along the central Mogollon Rim, were measured at 188% and 232% of median, respectively.



		F	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
LITTLE COLORADO RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)	
Little Colorado R ab Lyman Lake <sup>3</sup>									
	JAN-JUN	3.2	5.7	8	113%	10.8	16	7.1	
Rio Nutria nr Ramah <sup>3</sup>									
	JAN-MAY	0.16	0.84	1.8	127%	3.3	6.8	1.42	
Zuni R ab Black Rock Reservoir <sup>3</sup>									
	JAN-MAY	0.03	0.11	0.6	128%	1.74	5.2	0.47	
Blue Ridge Reservoir Inflow <sup>3</sup>									
	JAN-MAY	5	12.3	20	120%	30	51	16.6	
Lake Mary Reservoir Inflow <sup>3</sup>									
	JAN-MAY	2.2	4.3	6.3	131%	8.8	13.7	4.8	

#### Little Colorado River Basin Streamflow Forecasts - January 1, 2020

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

232%

69%

4

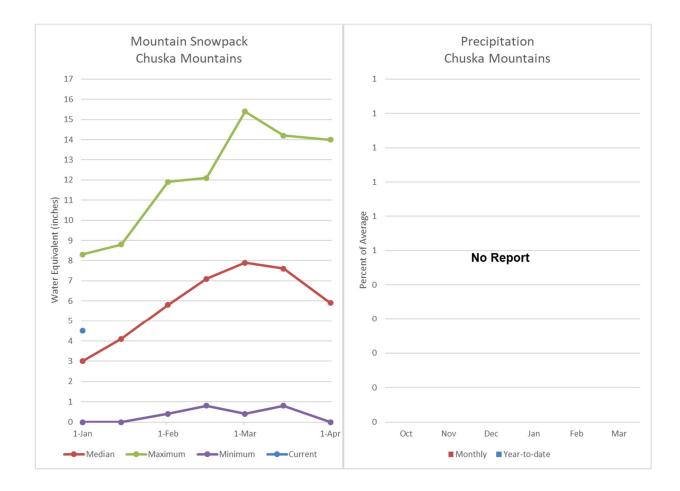
3) Median value used in place of average

CENTRAL MOGOLLON RIM

Reservoir Storage End of December, 2019	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
Lyman Reservoir	8.7	3.7	11.8	30.0
Basin-wide Total	8.7	3.7	11.8	30.0
# of reservoirs	1	1	1	1
Watershed Snowpack Analysis January 1, 2020	# of Sites	% Median	Last Year % Median	
LITTLE COLORADO RIVER BASIN	8	188%	74%	

# **CHUSKA MOUNTAINS as of January 1, 2020**

Snow survey measurements conducted by staff of the Navajo Nation Water Management Branch show the Chuska snowpack to be at 146% of median. The forecast calls for well above normal runoff for Wheatfields Creek, Captain Tom Wash, and Bowl Canyon Creek.



#### Chuska Mountains Streamflow Forecasts - January 1, 2020

CHUSKA MOUNTAINS		F	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast					
	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Captain Tom Wash nr Two Gray Hills								
	MAR-MAY	0.23	2.1	5.2	200%	10.5	23	2.6
Wheatfields Ck nr Wheatfields								
	MAR-MAY	1	2.5	3.9	186%	5.6	8.7	2.1
Bowl Canyon Ck ab Asaayi Lake								
	MAR-MAY	0.83	1.72	2.5	192%	3.4	5.1	1.3

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

3) Median value used in place of average

Watershed Snowpack Analysis January 1, 2020	# of Sites	% Median	Last Year % Median
CHUSKA MOUNTAINS	3	146%	97%
DEFIANCE PLATEAU	1	60%	170%

#### Report Created: 1/7/2020 11:58:06 AM

#### Basinwide Summary: January 1, 2020 (Averages/Medians based on 1981-2010 reference period)

Snowpack Summary for January 1, 2020

(Averages/medians based on 1961-20	e herioa)							
SALT RIVER BASIN	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Baldy	SNOTEL	9125	24	5.9	3.7	159%	3.6	97%
Beaver Head	SNOTEL	7990	10	2.1	2.7	78%	1.8	67%
Buck Spring	SC	7400	8	1.4	1.5	93%		
Coronado Trail	SNOTEL	8400	8	2.7	1.8	150%	1.3	72%
Hawley Lake	SNOTEL	8300	31	7.1			5.6	
Coronado Trail	SC	8350			0.7			
Fort Apache	SC	9160	32	6.9	3.7	186%	2.6	70%
Hannagan Meadows	SNOTEL	9020	23	6.4	5.0	128%	4.3	86%
Maverick Fork	SNOTEL	9200	25	6.0	4.0	150%	2.7	68%
Nutrioso	SC	8500			0.4			
Nutrioso	SNOTEL	8500	4	1.3			0.8	
Wildcat	SNOTEL	7850	10		1.3	138%	1.3	100%
Workman Creek	SNOTEL	6900	18	4.0	1.9	211%	1.7	89%
Basin Index						149%		80%
# of sites						8		8
		Elevation	Denth	SWF	Median	%	Last Year	Last Year
VERDE RIVER BASIN	Network	(ft)	(in)	(in)	(in)		SWE (in)	% Median
Baker Butte	SNOTEL	7300	24	· ,	1.6	338%	( )	63%
							1.0	
Baker Butte No. 2	SC	7700	33		3.4	203%	1.1	32%
Baker Butte Smt	SNOTEL	7700	38	9.9			2.5	
Bar M	SNOTEL	6393	11	3.5	0.0	0000/	0.8	
Chalender	SC	7100	14		0.6	233%		
Chalender	SNOTEL	7100	17	3.9			1.2	
Fort Valley	SC	7350	8		0.8	200%		
Fort Valley	SNOTEL	7350	7				0.3	
Fry	SNOTEL	7200	27	6.7	2.8	239%	2.3	82%
Happy Jack	SNOTEL	7630	17		1.7	235%	1.8	106%
Happy Jack	SC	7630	15		1.0	290%		
Mormon Mountain	SNOTEL	7500	16		1.8	294%	0.8	44%
Mormon Mountain Summit #2	SC	8470	32		3.6	211%		
Mormon Mtn Summit	SNOTEL	8500	25				2.4	
Newman Park	SC	6750	14		0.6	483%		
White Horse Lake	SNOTEL	7180	17	3.6	1.4	257%	0.0	0%
Williams Ski Run	SC	7720			2.6			
Basin Index # of sites						<b>251%</b> 6		<b>55%</b> 6
SAN FRANCISCO PEAKS	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Snow Bowl #2	SC	11200	52	15.2	8.0	190%		
Snowslide Canyon	SNOTEL	9730	45	14.1	8.1	174%	6.5	80%
Basin Index						174%		80%
# of sites						1		1
SAN FRANCISCO-UPPER GILA RIVER BASIN	Network	Elevation (ft)	Depth (in)	SWE (in)	Median (in)	% Median	Last Year SWE (in)	Last Year % Median
Beaver Head	SNOTEL	7990	10	2.1	2.7	78%	1.8	67%
Coronado Trail	SNOTEL	8400	8	2.7	1.8	150%	1.3	72%
Coronado Trail	SC	8350			0.7			
Frisco Divide	SNOTEL	8000	8	1.5	1.5	100%	0.9	60%
Hannagan Meadows	SNOTEL	9020	23	6.4	5.0	128%	4.3	86%
Hummingbird - Aerial And Snow Course	SC	10550			4.4			

Lookout Mountain SNOTEL									
Nutrices         SNOTEL         8500         4         1.3         1.9         6.8         1.0         53%           Silparl Peak         SNOTEL         8000         19         6.7         3.5         191%         4.1         117%           Stare Line         SC         10750         9.5         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         80%         10.6         10.6         70%         10.6         70%         80%         10.6         10.6         70%         10.6         70%         10.6         70%         10.6         70%         80%				5	1.0		71%	0.8	57%
Signal Peak         SNOTEL         8300         9         1.3         1.9         88%         1.0         533%           Silver Cree Divide         SNOTEL         8000         19         6.7         3.5         191%         4.1         117%           State Line         SC         10750         9.5         9.5         107         1.5         117%           LITTLE COLORADO RIVER BASIN         Network         Elevation (n)         Depth (n)         SWE         Median         SWE (n)         % Median           Baker Butte         SNOTEL         700         24         54         1.6         338%         1.1         322%           Baker Butte No. 2         SC         7700         33         6.9         3.7         150%         2.2         79%           Baker Butte Smt         SNOTEL         700         37         5.2         2.8         97%         3.6         97%         3.6         97%         3.6         97%         3.6         97%         3.6         97%         3.6         97%         3.6         97%         3.6         97%         3.6         97%         3.6         97%         3.6         97%         3.6         97%         3.6         97%						0.4			
Silver Creek Divide State Line Whitewater - Aerial And Snow Course SC 10750 Basin Index # of sites LITTLE COLORADO RIVER BASIN Baker Butte Source Baker Butte Source Source Source Source Baker Butte Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source Source		-							
State Line         SC         8000         0.6           Whitewater - Aerial And Snov Course         SC         10750         9.5           LITTLE COLORADO RIVER BASIN         Network         Elevation (tr)         Depth (m)         SWE (m)         Median (m)         SWE (m)         Alast Year         Last Year <thlast< td=""><td>-</td><td></td><td></td><td>9</td><td></td><td></td><td></td><td></td><td></td></thlast<>	-			9					
Whitewater - Aerial And Snow Course         SC         10750         9.5           Basin Index in of sites         Value of sites         7         22%         80%           LITTLE COLORADO RIVER BASIN Baker Butte         Network         Elevation (ft)         Nome         Value of sites         7         7           Baker Butte         SNOTEL         700         33         6.9         3.4         203%         1.0         63%           Baker Butte Smt         SNOTEL         7700         33         6.9         3.4         203%         1.1         32%           Baker Butte Smt         SNOTEL         9700         33         6.9         3.7         155%         2.6         77%           Buck Spring         SC         7400         18         1.4         1.5         93%         -         2.6         7%           Heber         SNOTEL         7800         2.6         9.37         168%         2.6         70%           Waverick Fork         SNOTEL         7300         2.9         6.8         3.3         206%         3.0         91%           Baker Butte No. 2         SC         7700         38         9.9         -         2.5         8.4         8.8	Silver Creek Divide			19	6.7		191%	4.1	117%
Basin Index # of sites         122% 7         80% 80%           LITTLE COLORADO RIVER BASIN Baker Butte         Network         Elevation (tt)         Depth SWE Median (n)         % Last Year         Last Y	State Line								
# of sites         7         7         7           LITTLE COLORADO RIVER BASIN         Network         Elevation (tt)         Noth (n)         Noth (n)         Noth (n)         Median         %         Last Year         Last Year         Last Year         SWE (n)         % Median           Baker Butte         SNOTEL         7300         24         5.4         1.6         338%         1.0         637%           Baker Butte Smt         SNOTEL         7700         38         6.9         3.7         159%         3.6         9.7%           Buck Spring         SC         7700         38         9.9         3.7         159%         2.6         70%           Cheese Springs         SC         8700         1.7         3.5         2.8         125%         2.2         79%           Fort Apache         SC         9760         3.2         6.9         3.7         169%         2.6         70%           Maverick Fork         SNOTEL         7800         2.6         6.0         4.0         150%         2.7         68%           Central MOGOLLON RIM         Network         Elevation (n)         Noth         Depth <swe< td="">         Median         Median         SWE (n)         % Media</swe<>		SC	10750			9.5			
LITTLE COLORADO RIVER BASIN         Network         Elevation (t)         Depth (n)         SWE (n)         Median (n)         Ast Year (n)         Last Year (n)<									80%
LITLE COLORADO RIVER BASIN         Network         (ft)         (in)         (in)         (in)         Median SWE (in)         % Median           Baker Butte No. 2         SC         7700         38         6.9         3.4         203%         1.1         32%           Baker Butte Smt         SNOTEL         7700         38         9.9         2.5         368         36.9         3.4         203%         1.1         32%         6         97.8         7.59%         3.6         97.8         2.5         33%         6.97.8         2.2         79%         6.6         97.8         7.69%         3.6         97.8         2.2         79%         7.6         7.6         7.6         7.6         7.6         7.7         7.6         7.6         7.7         7.6         7.6         7.7         7.6         7.7         7.6         7.7         7.6         7.7         7.6         7.7         7.6         7.6         7.7         7.6         7.6         7.7         7.6         7.6         7.7         7.6         7.6         7.7         7.6         7.6         7.7         7.6         7.6         7.7         7.6         7.6         7.7         7.6         7.6         7.6         7.6 <td># of sites</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>7</td>	# of sites						-		7
Baker Butte         SNOTEL         7300         24         5.4         1.6         338%         1.0         63%           Baker Butte No. 2         SC         7700         33         6.9         3.4         203%         1.1         32%           Baker Butte Smt         SNOTEL         9125         24         5.9         3.7         159%         3.6         97%           Buck Spring         SC         7400         8         1.4         1.5         93%         2.2         79%           Cheese Springs         SC         8700         17         3.5         2.8         125%         2.2         79%           Fort Apache         SC         9160         32         6.9         3.7         166%         2.6         70%           Lake Mary         SC         6330         8         1.8         1.0         160%         244%         1.7         106%           Maverick Fork         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Baker Butte No. 2         SC         7700         33         6.9         3.4         203%         1.1         32%           Baker Butte Smt	LITTLE COLORADO RIVER BASIN	Network							
Baker Butte No. 2         SC         7700         33         6.9         3.4         203%         1.1         32%           Baker Butte Smit         SNOTEL         7700         38         9.9         2.5         2.5           Buck Spring         SNOTEL         9125         2.4         5.9         3.7         159%         3.6         97%           Buck Spring         SC         7400         8         1.4         1.5         33%         -         76%           Cheese Spring         SC         8700         17         3.5         2.8         125%         -         76%           Heber         SNOTEL         7640         19         3.9         1.6         2.44%         1.7         106%           Maverick Fork         SNOTEL         9200         2.5         6.0         4.0         1.0         180%         -         74%           Baker Butte         SNOTEL         7300         2.4         5.4         1.6         338%         1.0         63%           Baker Butte No. 2         SC         7700         38         9.9         -         2.5         -           Heber         SNOTEL         7300         2.4         5.4 </td <td></td> <td>ONOTE</td> <td>, ,</td> <td>( )</td> <td>· · /</td> <td>( )</td> <td></td> <td>( )</td> <td></td>		ONOTE	, ,	( )	· · /	( )		( )	
Baker Butte Smt         SNOTEL         7700         38         9.9         2.5           Baldy         SNOTEL         9125         24         5.9         3.7         159%         3.6         97%           Buck Spring         SC         7400         8         1.4         1.5         93%         2.2         79%           Cheese Springs         SC         8700         1.7         3.5         2.8         12%         2.2         79%           Fort Apache         SC         9100         3.2         6.9         3.7         188%         2.2         79%           Maverick Fork         SNOTEL         7640         19         3.9         1.6         244%         1.7         106%           Maverick Fork         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Baker Butte         SNOTEL         7300         29         6.8         3.3         206%         1.0         63%           Baker Butte Smt         SNOTEL         7700         38         6.9         3.4         203%         1.1         32%           Baker Butte Smt         SNOTEL         7700         38         9.9									
Baldy         SNOTEL         9125         24         5.9         3.7         159%         3.6         97%           Buck Spring         SC         7400         8         1.4         1.5         93%         -           Cheese Springs         SC         8700         17         3.5         2.8         125%         2.2         79%           Fort Apache         SC         9160         32         6.9         3.7         186%         2.6         70%           Lake Mary         SC         6930         8         1.8         1.0         180%         -         66%         3.0         91%           Maverick Fork         SNOTEL         9200         2.5         6.0         4.0         150%         2.7         68%           Bain Index         #f of sites						3.4	203%		32%
Buck Spring Cheese Springs         SC SC         7400 8700         8         1.4         1.5         93% 125%         2.2         79% 79% 79%           Fort Apache         SC         9160         32         6.9         3.7         186%         2.6         79%           Heber         SNOTEL         7640         19         3.9         1.6         244%         1.7         106%           Lake Mary         SC         8300         8         1.8         1.0         180%         2.6         79%           Maverick Fork         SNOTEL         7900         25         6.0         3.0         91%         8         8           CENTRAL MOGOLLON RIM         Network         Elevation (ft)         Depth         SWE         Median         %         Last Year         Last Year         Last Year           Baker Butte         SNOTEL         7300         24         5.4         1.6         338%         1.0         63%           Baker Butte         SNOTEL         7700         38         9.9         -         2.5         -           Heber         SNOTEL         7640         19         3.9         1.6         244%         1.1         3.0         91%						0.7	4500/		070/
Cheese Springs         SC         8700         17         3.5         2.8         125%         2.2         79%           Fort Apache         SC         9160         32         6.9         3.7         186%         2.6         70%           Lake Mary         SNOTEL         7640         19         3.9         1.6         244%         1.7         106%           Lake Mary         SNOTEL         9200         25         6.0         4.0         150%         2.7         68%           Promontory         Basin Index         # of sites         74%         8         8         8           CENTRAL MOGOLLON RIM         Network         Elevation (ft)         Depth         SWE         Median         %         Last Year         Last	-							3.6	97%
Fort Apache         SC         9160         32         6.9         3.7         186%         2.6         70%           Heber         SNOTEL         7640         19         3.9         1.6         244%         1.7         106%           Maverick Fork         SNOTEL         7930         29         6.8         3.1         1.0         180%         2.7         68%           Promontory         SNOTEL         7930         29         6.8         3.2         206%         3.0         91%           Basin Index         # of sites         Image: Central MOGOLLON RIM         Network         Elevation         Depth         SWE         Median         %         Last Year         Last Year           Baker Butte         SNOTEL         7300         24         5.4         1.6         338%         1.0         63%           Baker Butte Smt         SNOTEL         7700         38         9.9         2.5         64%         1.1         32%           Promontory         SNOTEL         7700         38         9.9         2.5         64%         1.1         30%         1.6         332         20%         3.9         1.6         2.5         64%         2.5         64% <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>700/</td>				-					700/
Heber         SNOTEL         7640         19         3.9         1.6         244%         1.7         106%           Lake Mary         SC         6930         8         1.8         1.0         180%         -         -         -         -         -         6830         8         1.8         1.0         180%         -         -         6830         91%         -         6830         91%         -         7         68%         3.0         91%         -         7         68%         3.0         91%         -         7         68%         3.0         91%         -         7         68%         3.0         91%         -         7         68%         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         1.0         6.9         3.4         203%         1.1         3.9         1.6         2.44%         1.1         3.9         1.6         2.44%         1.1         3.6         9         9         3.3 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
Lake Mary Maverick Fork         SC SNOTEL         6930 9200         25         6.0         1.0         180%           Maverick Fork         SNOTEL         9200         25         6.0         8.0         1.0         180%           Basin Index # of sites         # of sites         # of sites         8         3.0         91%           CENTRAL MOGOLLON RIM         Network         Elevation (ft)         Depth (in)         SWE (in)         Median         %         Last Year         Alsa Year           Baker Butte         SNOTEL         7300         24         5.4         1.6         338%         1.0         63%           Baker Butte Smt         SNOTEL         7700         38         9.9         2.5         5           Heber         SNOTEL         7700         38         9.9         2.5         68%           Promontory         SNOTEL         7700         38         9.9         2.5         68%           Promontory         SNOTEL         7700         38         3.6         24.4%         1.7         106%           Baker Butte Smt         Metwork         Elevation (ft)         Depth         SWE         Median         %         Last Year         Kast Year	-	-							
Maverick Fork Promontory         SNOTEL SNOTEL         9200 (733)         25         6.0         4.0         150% (8.8         2.7         68% (3.0         91% (3.0         6.8         3.2         20% (3.0         91% (3.0         6.8         8.8           CENTRAL MOGOLLON RIM         Network Baker Butte         SNOTEL         7300         24         5.4         1.6         338%         1.0         63% (5.0           Baker Butte No. 2         SC         7700         38         9.9         2.5         1.1         32%           Heber         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Methor K         Elevation         Depth         SWE         Median         %         Last Year         Kat Year           CHUSKA MOUNTAINS         Network         Elevation         Depth         SWE         Median         %         Median           Beaver Spring         SNOTEL				-				1.7	106%
Promontory         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Basin Index # of sites         # of sites         8         8         8           CENTRAL MOGOLLON RIM         Network         Elevation (tr)         Depth (in)         SWE (in)         Median         % Median         Last Year         Last Year           Baker Butte         SNOTEL         7300         24         5.4         1.6         338%         1.0         63%           Baker Butte No. 2         SC         7700         38         9.9         2.5         64%           Promontory         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Promontory         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Promontory         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Basin Index # of sites         #         232%         5         69%         4         4         4         4           Basin Index         #         5         9200         2.5         6.5 <td>•</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>	•			-					
Basin Index # of sites         # of sites         8         8         8           CENTRAL MOGOLLON RIM         Network         Elevation (ft)         Depth (in)         SWE Median (in)         %         Last Year Last Year           Baker Butte         SNOTEL         7300         24         5.4         1.6         338%         1.0         63%           Baker Butte Smt         SNOTEL         7700         33         6.9         3.4         203%         1.1         32%           Baker Butte Smt         SNOTEL         7700         38         9.9         4.2         1.7         106%           Promontory         SNOTEL         7640         19         3.9         1.6         244%         1.7         106%           Basin Index # of sites         Elevation         Depth         SWE         Median         %         Last Year         Last Year         Last Year         4         4           Beaver Spring         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%         Median           Beaver Spring         SNOTEL         9220         25         6.5         3.5         5         64%         5         140%         2.8         80	_								
# of sites         8         8           CENTRAL MOGOLLON RIM         Network         Elevation (ft)         Depth (in)         Windian         Median         Median         SWE (in)         %Median           Baker Butte         SNOTEL         7300         24         5.4         1.6         338%         1.0         63%           Baker Butte No. 2         SC         7700         33         6.9         3.4         203%         1.1         32%           Baker Butte Smt         SNOTEL         7700         38         9.9         1.6         244%         1.7         106%           Promontory         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Basin Index # of sites         Elevation         Depth         SWE         Median         %median         %	,	SNOTEL	7930	29	6.8	3.3		3.0	
CENTRAL MOGOLLON RIM         Network         Elevation (ft)         Depth (in)         SWE (in)         Median (in)         Last Year (in)         Last Year Median         SWE (in)         % Median           Baker Butte         SNOTEL         7300         24         5.4         1.6         338%         1.0         63%           Baker Butte No. 2         SC         7700         38         9.9         2.5         1.1         32%           Baker Butte Smt         SNOTEL         7640         19         3.9         1.6         24%         1.7         106%           Promontory         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Basin Index # of sites         # of sites         Elevation         Median         Median         Median         %         Last Year         Last Year         Last Year         A           Beaver Spring         SC         9200         25         6.5         3.5         64%         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
CENTRAL MOGOLLON RIM         Network         (ft)         (in)         (in)         (in)         Median         SWE (in)         % Median           Baker Butte         SNOTEL         7300         24         5.4         1.6         338%         1.0         63%           Baker Butte         SNOTEL         7700         33         6.9         3.4         203%         1.1         32%           Baker Butte Smt         SNOTEL         7700         38         9.9         2.5         1.1         32%           Heber         SNOTEL         7640         19         3.9         1.6         244%         1.7         106%           Promontory         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Basin Index         # of sites         -         4         4         4         4           CHUSKA MOUNTAINS         Network         Elevation (ft)         Opth         SWE         Median         %         Last Year         La	# of sites						-		-
(tt)         (tn)         (tn)         (tn)         (tn)         (tn)         (tn)         (tn)         Median         SWE (tn)         % Median           Baker Butte         SNOTEL         7300         24         5.4         1.6         338%         1.0         63%           Baker Butte No. 2         SC         7700         38         9.9         2.5           Heber         SNOTEL         7640         19         3.9         1.6         244%         1.7         106%           Promontory         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Mether         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Basin Index         # of sites         4         4         4         4         4           Beaver Spring         SC         9220         3.9         2.5         64%           Beaver Spring         SNOTEL         9200         25         6.5         3.5           Bowl Canyon         SC         8980         15         4.9         3.5         140%         2.8         80%           Hidden Valley	CENTRAL MOGOLLON RIM	Network		•					
Baker Butte No. 2         SC         7700         33         6.9         3.4         203%         1.1         32%           Baker Butte Smt         SNOTEL         7700         38         9.9         2.5         -           Heber         SNOTEL         7640         19         3.9         1.6         244%         1.7         106%           Promontory         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Basin Index         # of sites         -         232%         -         4         4           CHUSKA MOUNTAINS         Network         Elevation (ft)         Depth         SWE         Median         %         Last Year         Last Year           Beaver Spring         SC         9220         25         6.5         -         -         -           Beaver Spring         SC         8480         15         4.9         3.5         140%         2.8         80%           Hidden Valley         SC         8480         15         4.9         3.5         140%         2.5         109%           Issionary Spring         SC         8160         19         4.5         2.3 <t< td=""><td></td><td></td><td>, ,</td><td>(in)</td><td>(in)</td><td>(in)</td><td>Median</td><td>SWE (in)</td><td>% Median</td></t<>			, ,	(in)	(in)	(in)	Median	SWE (in)	% Median
Baker Butte Smt         SNOTEL         7700         38         9.9         2.5           Heber         SNOTEL         7640         19         3.9         1.6         244%         1.7         106%           Promontory         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Basin Index # of sites         # of sites         Elevation         Depth (in)         SWE         Median         %         Last Year         Last Year           Beaver Spring         SC         9220         -         3.5         64%         64%         64%         64%         64%         64%         64%         66%         64%         66%         64%         66%         64%         66%         64%         66%         64%         66%         64%         66%         64%         66%         64%         66%         64%         66%         66%         64%         66%         66%         64%         66%         66%         66%         64%         66%         66%         66%         66%         66%         66%         66%         66%         66%         66%         66%         66%         66%         66%         66%         66% <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Heber Promontory         SNOTEL SNOTEL         7640 7930         19 29         3.9 6.8         1.6 3.3         244% 206%         1.7 3.0         106% 91%           Basin Index # of sites         # model (in)         Median         206%         3.0         91%           CHUSKA MOUNTAINS         Network # of sites         Elevation (in)         Depth (in)         SWE (in)         Median         % Median         Last Year SWE (in)         Last Year % Median           Beaver Spring         SC         9220         3.9         2.5         64%           Beaver Spring         SNOTEL         9200         25         6.5         3.5         5           Bowl Canyon         SC         8480         15         4.4         127%         3.8         2.5         64%           Missionary Spring         SC         7940         4         0.7         1.1         64%         1.4         127%           Tsaile Canyon #1         SC         8160         19         4.5         2.3         196%         2.5         109%           Navajo Whiskey Ck         SNOTEL         9050         2.5         7.0         3.3         3           DEFIANCE PLATEAU         Network         Elevation (ft)         Depth (in)						3.4	203%		32%
Promontory         SNOTEL         7930         29         6.8         3.3         206%         3.0         91%           Basin Index # of sites         # of sites	Baker Butte Smt			38					
Basin Index # of sites         232%         69%           # of sites         4         4           CHUSKA MOUNTAINS         Network         Elevation (ft)         Depth (in)         SWE (in)         Median %         Last Year Median         Median	Heber	SNOTEL		19	3.9	1.6	- • • • •	1.7	
# of sites         4         4           CHUSKA MOUNTAINS         Network         Elevation (ft)         Depth (in)         SWE (in)         Median (in)         Median Median         Last Year SWE (in)         Last Year % Median           Beaver Spring         SC         9220         3.9         2.5         64%           Beaver Spring         SNOTEL         9200         25         6.5         3.5         64%           Bowl Canyon         SC         8980         15         4.4         3.5         140%         2.8         80%           Hidden Valley         SC         8980         15         4.4         -         1         64%         1.4         127%           Tsaile Canyon #1         SC         8160         19         4.5         2.3         196%         2.5         66%           Whiskey Creek         SC         9050         25         7.0         -         3         3           DEFIANCE PLATEAU         Network         Elevation (ft)         Depth         SWE         Median         %         Last Year         Last Year         Last Year         Last Year         SWE Year           Fued Rock         SC         7800         2         0.6         1.0 <td></td> <td>SNOTEL</td> <td>7930</td> <td>29</td> <td>6.8</td> <td>3.3</td> <td></td> <td>3.0</td> <td></td>		SNOTEL	7930	29	6.8	3.3		3.0	
CHUSKA MOUNTAINSNetworkElevation (ft)Depth (in)SWE (in)Median (in)% Last Year MedianLast Year SWE (in)% MedianBeaver SpringSC92203.92.564%Beaver SpringSNOTEL9200256.53.5Bowl CanyonSC8980154.93.5140%2.880%Hidden ValleySC8480154.4471.164%1.4127%Missionary SpringSC794040.71.164%1.4127%Tsaile Canyon #1SC89203.82.566%Miskey CreekSC90503.82.566%Navajo Whiskey CkSNOTEL9050257.03.9HedianMedian% MedianLast Year MedianLast Year SWE (in)MedianFluted RockSC9050257.03.93DEFIANCE PLATEAUNetworkElevation (ft)Depth (in)SWEMedian% MedianLast Year SWE (in)MedianFluted RockSC780020.61.060%1.7170%Fluted RockSC780020.61.060%1.7170%Fluted RockSC780020.61.060%1.710%Fluted RockSC780020.61.060%1.710%Basin In									
CHUSKA MOUNTAINS         Network (ft)         (in) (in)         (in) (in)         Median         SWE (in)         % Median           Beaver Spring         SC         9220         3.9         2.5         64%           Beaver Spring         SNOTEL         9200         25         6.5         3.5           Bowl Canyon         SC         8980         15         4.9         3.5         140%         2.8         80%           Hidden Valley         SC         8480         15         4.4          1.1         64%         1.4         127%           Missionary Spring         SC         8480         19         4.5         2.3         196%         2.5         109%           Tsaile Canyon #1         SC         8920         3.8         2.5         66%           Whiskey Creek         SC         9050         2.5         7.0         3.9         3           DEFIANCE PLATEAU         Network         Elevation (ft)         Depth (in)         SWE         Median (in)         %         Last Year         Last Year         Last Year           Fluted Rock         SC         7800         2         0.6         1.0         60%         17         170%	# of sites						-		4
Image: Section of the system of the	CHUSKA MOUNTAINS	Network	Elevation	Depth	SWE	Median	%	Last Year	
Beaver Spring         SNOTEL         9200         25         6.5         3.5           Bowl Canyon         SC         8980         15         4.9         3.5         140%         2.8         80%           Hidden Valley         SC         8480         15         4.4		Network	(ft)	(in)	(in)	(in)	Median	SWE (in)	% Median
Bowl Canyon         SC         8980         15         4.9         3.5         140%         2.8         80%           Hidden Valley         SC         8480         15         4.4         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -<	Beaver Spring		9220			3.9		2.5	64%
Hidden Valley       SC       8480       15       4.4         Missionary Spring       SC       7940       4       0.7       1.1       64%       1.4       127%         Tsaile Canyon #1       SC       8160       19       4.5       2.3       196%       2.5       109%         Tsaile Canyon #3       SC       8920       3.8       2.5       66%         Whiskey Creek       SC       9050       25       7.0       3.9       74%         Navajo Whiskey Ck       SNOTEL       9050       25       7.0       3.9       97%         Basin Index       Elevation (ft)       Depth (in)       SWE Median (in)       % Median SWE (in)       Last Year Vear Median       SWE (in)       % Median       % Median       % Median       % Median       % Median       SWE (in)       % Median       % Median<	Beaver Spring			25	6.5			3.5	
Missionary Spring Tsaile Canyon #1         SC         7940         4         0.7         1.1         64%         1.4         127%           Tsaile Canyon #1         SC         8160         19         4.5         2.3         196%         2.5         109%           Tsaile Canyon #3         SC         8920         3.8         2.5         66%           Whiskey Creek         SC         9050         2.5         7.0         3.9           Basin Index # of sites         SC         7.0         3.9         97%           Basin Index # of sites         SC         7800         2         0.6         1.0         60%         1.3         SWE (in)         % Median         %         Last Year         Last Year         Last Year         1         1         1           Fluted Rock         SC         7800         2         0.6         1.0         60%         1.7         170%         1         1         1         1           NortHwestern Arizona         Network         Elevation (ft)         Depth         SWE         Median         %         Last Year         Last Year         Last Year         1         1           NortHwestern Arizona         Network         Elevation (ft)	Bowl Canyon	SC	8980	15	4.9	3.5	140%	2.8	80%
Tsaile Canyon #1         SC         8160         19         4.5         2.3         196%         2.5         109%           Tsaile Canyon #3         SC         8920         3.8         2.5         66%           Whiskey Creek         SC         9050         3.5         2.6         74%           Navajo Whiskey Ck         SNOTEL         9050         25         7.0         3.9           Basin Index # of sites         Elevation (ft)         Depth (in)         SWE (in)         Median (in)         %         Last Year SWE (in)         Last Year % Median           Fluted Rock         SC         7800         2         0.6         1.0         60%         1.7         170%           Basin Index # of sites         # of sites         I         1         1         1         1           NORTHWESTERN ARIZONA         Network         Elevation (ft)         Depth (in)         SWE (in)         Median SWE (in)         % Median % Median         % Median SWE (in)         % Median % Median           Bright Angel Grand Canyon         SC         8400         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0	Hidden Valley	SC	8480	15	4.4				
Tsaile Canyon #3         SC         8920         3.8         2.5         66%           Whiskey Creek         SC         9050         25         7.0         3.9         74%           Navajo Whiskey Ck         SNOTEL         9050         25         7.0         3.9         97%           Basin Index # of sites         SNOTEL         9050         25         7.0         3.9         97%           DEFIANCE PLATEAU         Network         Elevation (ft)         Depth (in)         SWE (in)         Median         % Median         Last Year SWE (in)         Last Year % Median           Fluted Rock         SC         7800         2         0.6         1.0         60%         1.7         170%           Basin Index # of sites         SC         7800         2         0.6         1.0         60%         1.7         170%           Basin Index # of sites         SC         7800         2         0.6         1.0         60%         1.1         1           NORTHWESTERN ARIZONA         Network         Elevation (ft)         Depth (in)         SWE (in)         Median % Median         % Median         Last Year SWE (in)         Last Year % Median           Bright Angel Grand Canyon         SC         7500 <td></td> <td></td> <td></td> <td>4</td> <td></td> <td></td> <td>64%</td> <td>1.4</td> <td></td>				4			64%	1.4	
Whiskey Creek Navajo Whiskey Ck         SC SNOTEL         9050         25         7.0         2.6         74%           Basin Index # of sites         SNOTEL         9050         25         7.0         3.9         97%           DEFIANCE PLATEAU         Network         Elevation (ft)         Depth (in)         SWE (in)         Median (in)         %         Last Year         Last Year           Fluted Rock         SC         7800         2         0.6         1.0         60%         1.7         170%           Basin Index # of sites         SC         7800         2         0.6         1.0         60%         1.7         170%           Basin Index # of sites         SC         7800         2         0.6         1.0         60%         1.7         170%           Basin Index # of sites         SC         7800         2         0.6         1.0         60%         1.7         170%           Basin Index # of sites         SC         7800         Depth (ft)         SWE (in)         Median (in)         %         Last Year         Last Year           Bright Angel Grand Canyon         SC         8400         3.0         0.9         90.9         90.9	Tsaile Canyon #1	SC	8160	19	4.5	2.3	196%	2.5	109%
Navajo Whiskey CkSNOTEL9050257.03.9Basin Index # of sites97% 333DEFIANCE PLATEAUNetworkElevation (ft)Depth (in)SWE (in)Median (in)% MedianLast Year SWE (in)Last Year % MedianFluted RockSC780020.61.060%1.7170% % MedianFluted RockSC780020.61.060%1.7170% % MedianFluted RockSC780020.61.060%1.7170% % MedianFluted RockSC780020.61.060%1.7170% % MedianBasin Index # of sitesSC7800DepthSWE (in)Median% MedianLast Year % MedianNORTHWESTERN ARIZONA Bright Angel Grand CanyonSC84003.03.03.0Bright Angel Grand CanyonSC75000.93.03.03.0	Tsaile Canyon #3		8920			3.8		2.5	66%
Basin Index146%97%# of sites33DEFIANCE PLATEAUNetworkElevation (ft)Depth (in)SWE (in)Median (in)% MedianLast Year SWE (in)Last Year % MedianFluted RockSC780020.61.060%1.7170%Basin IndexFluted RockSC780020.61.060%1.7170%Basin IndexElevation (ft)DepthSWE (in)Median% (in)Last Year (in)Last Year (in)Last Year (in)Last Year (in)Last Year (in)Last Year (in)MedianNORTHWESTERN ARIZONANetworkElevation (ft)Depth (in)SWE (in)Median% (in)Last Year (in)Last Year (in)Last Year (in)Last Year (in)MedianBright Angel Grand CanyonSC84003.03.03.03.03.03.0	Whiskey Creek	SC	9050			3.5		2.6	74%
# of sites3DEFIANCE PLATEAUNetworkElevation (ft)Depth (in)SWE (in)Median (in)% Median (in)Last Year SWE (in)Last Year MedianFluted RockSC780020.61.060%1.7170%Basin Index # of sitesElevation (ft)Depth (in)SWE (in)Median (in)% MedianLast Year SWE (in)170%NORTHWESTERN ARIZONANetworkElevation (ft)Depth (in)SWE (in)Median (in)% MedianLast Year SWE (in)Ast Year % MedianBright Angel Grand CanyonSC84003.0	Navajo Whiskey Ck	SNOTEL	9050	25	7.0			3.9	
DEFIANCE PLATEAUNetworkElevation (ft)Depth (in)SWE (in)Median (in)% MedianLast Year SWE (in)Last Year % MedianFluted RockSC780020.61.060%1.7170%Basin Index # of sitesElevation (ft)Depth (in)SWE (in)Median (in)% MedianLast Year SWE (in)170%NORTHWESTERN ARIZONANetworkElevation (ft)Depth (in)SWE (in)Median (in)% MedianLast Year SWE (in)Last Year % MedianBright Angel Grand CanyonSC84003.03.03.03.0	Basin Index						146%		97%
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DEFIANCE PLATEAUNetwork(ft)(in)(in)(in)MedianSWE (in)% MedianFluted RockSC780020.61.060%1.7170%Basin Index # of sitesSC780020.61.060%1.7170%NORTHWESTERN ARIZONANetworkElevation (ft)Depth (in)SWE (in)Median (in)% Median SWE (in)Last Year % MedianBright Angel Grand CanyonSC84003.03.0SC75000.90.90.91.7		Notwork	Elevation	Depth	SWE	Median	%	Last Year	Last Year
Fluted Rock         SC         7800         2         0.6         1.0         60%         1.7         170%           Basin Index # of sites         # of sites         1         1         1         1           NORTHWESTERN ARIZONA         Network         Elevation (ft)         Depth (in)         SWE (in)         Median (in)         % Median         Last Year SWE (in)         Last Year % Median           Bright Angel Grand Canyon         SC         8400         3.0	DEFIANCE PLATEAU	INELWORK	(ft)	•				SWE (in)	% Median
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# of sites11NORTHWESTERN ARIZONANetworkElevation (ft)Depth (in)SWE (in)Median (in)% MedianLast Year SWE (in)1Bright AngelSC84003.03.03.03.03.03.0Grand CanyonSC75000.93.03.03.03.0						-			
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NORTHWESTERN ARIZONANetwork(ft)(in)(in)(in)MedianSWE (in)% MedianBright AngelSC84003.0Grand CanyonSC75000.9			Flevation	Denth	S₩F	Median	%	Last Year	Last Year
Bright Angel         SC         8400         3.0           Grand Canyon         SC         7500         0.9	NORTHWESTERN ARIZONA	<b>N I I</b>		Doput					
Grand Canyon SC 7500 0.9		Network	(ft)	(in)	(in)	(in)	Median	SWF (in)	% Median
	Bright Angol			(in)	(in)		Median	SWE (in)	% Median
		SC	8400	(in)	(in)	3.0	Median	SWE (IN)	% Median

Basin Index

