
COLORADO

WATER SUPPLY CONDITIONS UPDATE

FROM THE OFFICE OF THE STATE ENGINEER: COLORADO DIVISION OF WATER RESOURCES
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July 1, 2018

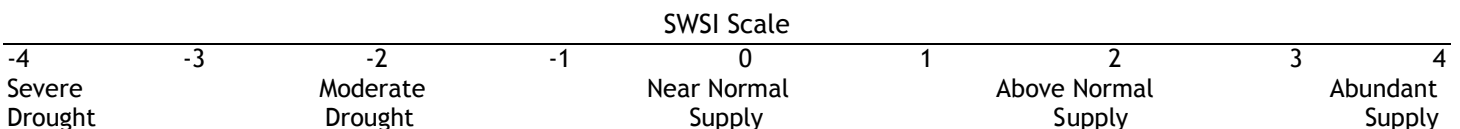
The Surface Water Supply Index (SWSI) is used as an indicator of water supply conditions in the seven major river basins of the state and in each of the 41 smaller watersheds, or HUCs. The Colorado Water Conservation Board (CWCB) completed a major revision to the Colorado Drought Plan in 2010. At that time, Colorado adopted a revised SWSI analysis based on the components shown below, which vary depending on the time of year. The revised SWSI is based on a ranking of total volume in a HUC or major river basin ranked against similar volumes in historical years. For instance, in January, the total volume in a HUC is based on the forecasted runoff at specific locations plus the volume in storage in specific reservoirs, all within the HUC. That total volume is ranked against similar total volumes that occurred each January between 1970 and 2010.

Time Period	SWSI Components
January 1 - June 1	Forecasted Runoff + Reservoir Storage
July 1 - September 1	Previous Month's Streamflow + Reservoir Storage
October 1 - December 1	Reservoir Storage

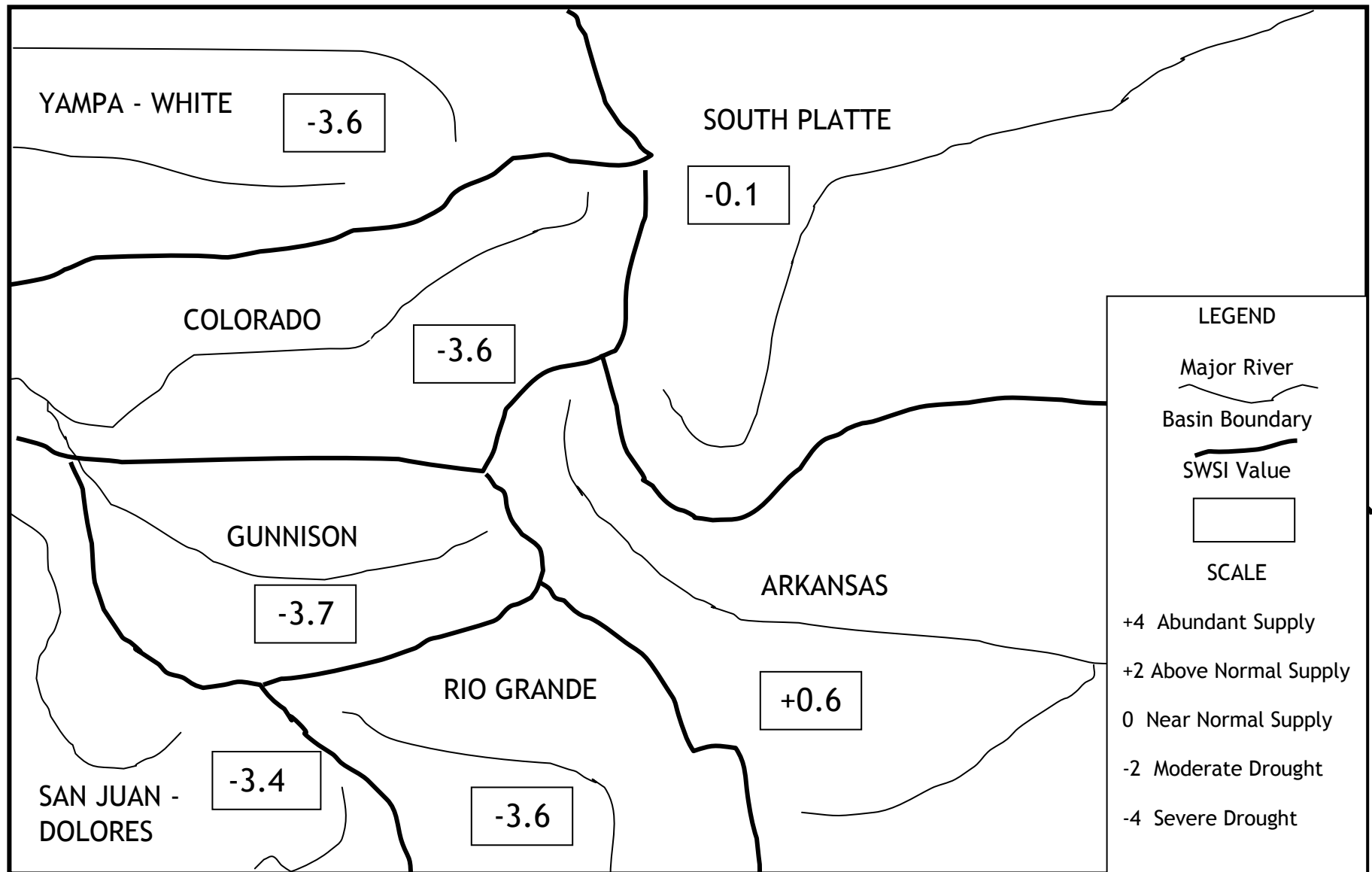
In 2015, CWCB and the Division of Water Resources (DWR) (both Divisions of the Colorado Department of Natural Resources) completed a software project to implement an automated calculation of the SWSI and to document the underlying hydrologic data. July 1, 2015 was the first month that the automated DNR SWSI was published. The results of each month's analysis are summarized within this report and additional information, maps & data are available at: <http://water.state.co.us/DWRDocs/Reports/Pages/SWSIReport.aspx>. This report also contains updates about current regional conditions and water matters prepared by each DWR Division Office.

The SWSI calculation for the summer season (July 1 to September 1) is based on the previous month's natural streamflow (the estimate of flow without the impacts of diversions and imports), combined with reservoir storage at the end of last month, in this case June 30. The following SWSI values were computed for each of the seven major basins for July 1, 2018. Water supply conditions are well below normal in all but the South Platte and Arkansas River basins. Those two basins have streamflow well below normal, but the SWSI is moderated by strong reservoir storage volumes, though the reservoir storage is declining in the Arkansas River basin. Reservoir storage is near normal to below normal statewide. Each basin, except for Rio Grande has declined since June 1.

Basin	July 1 SWSI	Change from Previous Month	Change from Previous Year
Arkansas	0.6	-0.8	-2.2
Colorado	-3.6	-0.1	-4.3
Gunnison	-3.7	0.0	-5.4
Rio Grande	-3.6	0.0	-4.8
San Juan-Dolores	-3.4	0.0	-5.2
South Platte	-0.1	-1.4	-2.5
Yampa-White	-3.6	-1.0	-3.0



SURFACE WATER SUPPLY INDEX FOR COLORADO BY MAJOR RIVER BASIN



July 1, 2018

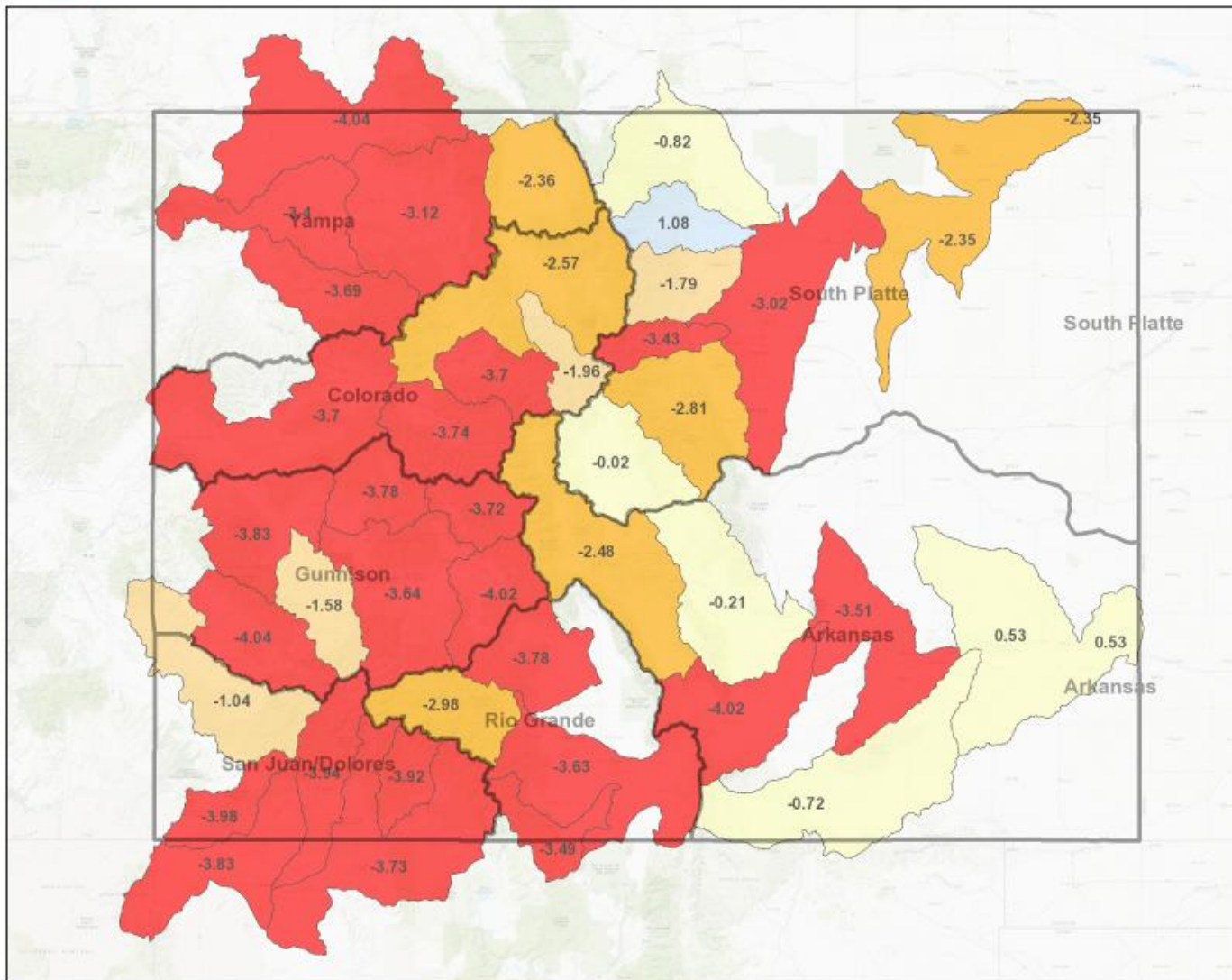
SURFACE WATER SUPPLY INDEX FOR COLORADO BY HUC



CDSS

Colorado's Decision Support Systems

SWSI July 1, 2018



Legend

SWSI - Current Report

- ☐ SWSI Not Applicable (-99.99)
- ☒ Extremely Dry (-3.0 to -4.2)
- ☒ Moderately Dry (-2.0 to -2.9)
- ☒ Slightly Dry (-1.0 to -1.9)
- ☒ Near Average (-0.9 to 0.9)
- ☒ Slightly Wet (1.0 to 1.9)
- ☒ Moderately Wet (2.0 to 2.9)
- ☒ Extremely Wet (3.0 to 4.2)

☐ Water Division

Location



Notes

113.64 0 56.82 113.64 Miles

1: 3,600,000



This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Date Prepared: 7/17/2018 2:55:00 PM

July 1, 2018 SWSI Values by HUC and Non Exceedance Probabilities (NEP)

Basin	HUC ID	HUC Name	SWSI	Reservoir Storage NEP	Prev. Month Streamflow NEP	Total Vol (AF)
Arkansas	11020006	Huerfano	-4.02	14	2	783
	11020010	Purgatoire	-0.72	62	1	24,640
	11020005	Upper Arkansas-Lake Meredith	-3.51	52	4	85,885
	11020001	Arkansas Headwaters	-2.48	56	8	264,378
	11020002	Upper Arkansas	-0.22	68	5	273,846
	11020009	Upper Arkansas-John Martin Reservoir	0.54	74	4	299,840
Colorado	14010003	Eagle	-3.71	N/A	6	68,047
	14010002	Blue	-1.97	72	10	208,170
	14010004	Roaring Fork	-3.74	20	5	217,802
	14010005	Colorado Headwaters-Plateau	-3.70	7	6	430,688
	14010001	Colorado Headwaters	-2.57	86	7	447,839
Gunnison	14020003	Tomichi	-4.03	56	2	2,216
	14030003	San Miguel	-4.04	N/A	1	8,832
	14020004	North Fork Gunnison	-3.79	7	5	30,269
	14020006	Uncompahgre	-1.59	45	4	72,173
	14020005	Lower Gunnison	-3.83	N/A	4	79,720
	14020001	East-Taylor	-3.72	14	5	116,722
	14020002	Upper Gunnison	-3.64	7	5	655,645
Rio Grande	13010004	Saguache	-3.78	N/A	5	1,698
	13010002	Alamosa-Trinchera	-3.63	37	4	18,397
	13010005	Conejos	-3.50	35	6	39,299
	13010001	Rio Grande Headwaters	-2.99	67	3	74,207
San Juan-Dolores	14080105	Middle San Juan	-3.83	50	2	1,222
	14080107	Mancos	-3.98	3	3	3,722
	14080102	Piedra	-3.92	N/A	3	4,855
	14080104	Animas	-3.95	4	2	40,187
	14080101	Upper San Juan	-3.74	6	3	92,526
	14030002	Upper Dolores	-1.05	41	2	242,648
South Platte	10190004	Clear	-3.43	N/A	9	29,005
	10190005	St. Vrain	-1.80	85	25	127,476
	10190001	South Platte Headwater	-0.03	72	12	175,830
	10190007	Cache La Poudre	-0.82	62	29	272,500
	10190003	Middle South Platte-Cherry Creek	-3.03	31	11	295,326
	10190002	Upper South Platte	-2.82	38	8	340,745
	10190012	Middle South Platte-Sterling	-2.35	39	11	411,426
	10190006	Big Thompson	1.09	74	14	648,947
Yampa-White	14050003	Little Snake	-4.04	N/A	1	15,467
	14050005	Upper White	-3.69	N/A	6	26,971
	10180001	North Platte Headwaters	-2.36	N/A	22	35,899
	14050002	Lower Yampa	-3.41	N/A	9	102,622
	14050001	Upper Yampa	-3.12	80	10	129,724

NEP is non exceedance percentage for total reservoir storage and streamflow forecast in HUC. Some HUCs do not have any reservoirs considered in the SWSI and are shown as "N/A". Total Vol is the volume of reservoir storage in the HUC plus the streamflow forecast.

NEP is calculated compared to the volume historically occurring this month during the period 1970-2010. The following table lists each component considered in each HUC.

SWSI Color Scale:

-4.0 (Severe Drought)	0.0 (Normal)	4.0 (Abundant Supply)
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July 1, 2018 SWSI Component Information - Streamflow Forecast & Reservoir Storage - By HUC

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
11020001	Arkansas Headwaters	CLEAR CREEK RESERVOIR	6,700	17
		HOMESTAKE RESERVOIR	41,700	76
		ARKANSAS RIVER AT SALIDA	48,818	8
		TWIN LAKES RESERVOIR	60,709	57
		TURQUOISE LAKE	106,451	40
11020006	Huerfano	CUCHARAS RESERVOIR*	0	14
		CUCHARAS RIVER AT BOYD RANCH NR LA VETA	181	2
		HUERFANO RIVER NEAR REDWING	602	2
11020010	Purgatoire	PURGATOIRE RIVER AT TRINIDAD	0	1
		TRINIDAD LAKE	24,640	62
11020002	Upper Arkansas	PUEBLO RESERVOIR INFLOW	53,646	5
		PUEBLO RESERVOIR	220,200	68
11020009	Upper Arkansas-John Martin Reservoir	PURGATOIRE RIVER AT TRINIDAD	0	1
		CUCHARAS RIVER AT BOYD RANCH NR LA VETA	181	2
		HUERFANO RIVER NEAR REDWING	602	2
		ADOBE CREEK RESERVOIR	25,719	38
		PUEBLO RESERVOIR INFLOW	53,646	5
		JOHN MARTIN RESERVOIR	219,692	77
11020005	Upper Arkansas-Lake Meredith	CUCHARAS RIVER AT BOYD RANCH NR LA VETA	181	2
		HUERFANO RIVER NEAR REDWING	602	2
		LAKE HENRY	7,009	64
		MEREDITH RESERVOIR	24,447	51
		PUEBLO RESERVOIR INFLOW	53,646	5
14010002	Blue	BLUE RIVER INFLOW TO GREEN MOUNTAIN RES	67,761	10
		GREEN MOUNTAIN RESERVOIR	140,409	72
14010001	Colorado Headwaters	WOLFORD MOUNTAIN RESERVOIR	65,810	85
		WILLIAMS FORK RESERVOIR	96,300	80
		COLORADO RIVER NEAR DOTSERO	285,729	7
14010005	Colorado Headwaters-Plateau	VEGA RESERVOIR	15,927	7
		COLORADO RIVER NEAR CAMEO	414,761	6
14010003	Eagle	EAGLE RIVER BELOW GYPSUM	68,047	6
14010004	Roaring Fork	RUEDI RESERVOIR	92,612	20
		ROARING FORK AT GLENWOOD SPRINGS	125,190	5
14020001	East-Taylor	TAYLOR R INF TO TAYLOR PARK RESERVOIR	13,192	5
		EAST RIVER AT ALMONT	21,435	5
		TAYLOR PARK RESERVOIR	82,095	14
14020005	Lower Gunnison	GUNNISON RIVER NR GRAND JUNCTION	79,720	4
14020004	North Fork Gunnison	PAONIA RESERVOIR	12,468	7
		NORTH FORK GUNNISON R NR SOMERSET	17,801	5
14030003	San Miguel	SAN MIGUEL RIVER NEAR PLACERVILLE	8,832	1
14020003	Tomichi	VOUGA RESERVOIR NEAR DOYLEVILLE	420	56
		TOMICHI CREEK AT GUNNISON, CO	1,796	2

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
14020006	Uncompahgre	UNCOMPAHGRE RIVER AT COLONA	10,883	4
		RIDGEWAY RESERVOIR	61,290	45
14020002	Upper Gunnison	FRUITLAND RESERVOIR	127	14
		CRAWFORD RESERVOIR	4,961	7
		SILVER JACK RESERVOIR	10,760	17
		LAKE FORK AT GATEVIEW, CO	14,884	4
		GUNNISON RIVER NEAR GUNNISON, CO	41,930	5
		MORROW POINT RESERVOIR	112,342	21
		BLUE MESA RESERVOIR	470,641	7
13010002	Alamosa-Trinchera	SANGRE DE CRISTO	43	2
		UTE CREEK	149	2
		CULEBRA CREEK AT SAN LUIS	272	5
		TRINCHERA CK	286	2
		MOUNTAIN HOME	4,371	29
		ALAMOSA CREEK ABOVE TERRACE RESERVOIR	5,876	10
		TERRACE RESERVOIR	7,400	41
13010005	Conejos	CONEJOS RIVER NEAR MOGOTE	16,099	6
		PLATORO RESERVOIR	23,200	35
13010001	Rio Grande Headwaters	RIO GRANDE RESERVOIR	10,900	37
		CONTINENTAL RESERVOIR	16,400	99
		SANTA MARIA RESERVOIR	21,300	88
		RIO GRANDE NEAR DEL NORTE	25,607	3
13010004	Saguache	SAGUACHE CREEK NEAR SAGUACHE, CO	1,698	5
14080104	Animas	FLORIDA RIVER INFLOW TO LEMON RESERVOIR	2,344	3
		LEMON RESERVOIR	8,726	4
		ANIMAS RIVER AT DURANGO	29,117	2
14080107	Mancos	MANCOS RIVER NEAR MANCOS	551	3
		JACKSON GULCH RESERVOIR	3,171	3
14080105	Middle San Juan	LONG HOLLOW RESERVOIR	520	50
		LA PLATA RIVER AT HESPERUS	702	2
14080102	Piedra	PIEDRA RIVER NEAR ARBOLES	4,855	3
14030002	Upper Dolores	DOLORES RIVER BELOW MCPHEE RESERVOIR	4,683	2
		GROUNDHOG RESERVOIR	12,900	10
		MCPHEE RESERVOIR	225,065	41
14080101	Upper San Juan	LOS PINOS RIVER NEAR BAYFIELD	13,779	3
		SAN JUAN RIVER NEAR CARRACAS	16,115	4
		VALLECITO RESERVOIR	62,632	6
10190006	Big Thompson	MARIANO RESERVOIR	4,900	47
		WILLOW CREEK RESERVOIR	7,490	51
		LONE TREE RESERVOIR	8,400	88
		LAKE LOVELAND RESERVOIR	9,700	57
		BIG THOMPSON R AT MOUTH, NR DRAKE, CO	23,500	14
		BOYD LAKE	45,000	60
		CARTER LAKE	102,100	64
		LAKE GRANBY	447,857	68

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
10190007	Cache La Poudre	BLACK HOLLOW RESERVOIR	5,600	99
		HALLIGAN RESERVOIR	6,400	70
		CHAMBERS LAKE	7,900	40
		CACHE LA POUDRE	9,500	34
		FOSSIL CREEK RESERVOIR	10,200	75
		WINDSOR RESERVOIR	12,200	24
		COBB LAKE	20,800	81
		CACHE LA POUDRE R AT CANYON MOUTH	72,700	29
		HORSETOOTH RESERVOIR	127,200	46
10190004	Clear	CLEAR CREEK AT GOLDEN	29,005	9
10190003	Middle South Platte-Cherry Creek	HORSECREEK RESERVOIR	9,400	14
		SOUTH BOULDER CK NR ELDORADO SPRINGS, CO	10,476	17
		BOULDER CREEK NEAR ORODELL	18,000	30
		MILTON RESERVOIR	19,600	62
		SOUTH PLATTE RIVER AT SOUTH PLATTE	21,845	8
		BIG THOMPSON R AT MOUTH, NR DRAKE, CO	23,500	14
		BARR LAKE	24,600	33
		SAINT VRAIN CREEK AT LYONS	25,000	18
		CLEAR CREEK AT GOLDEN	29,005	9
		STANDLEY RESERVOIR	41,200	41
		CACHE LA POUDRE R AT CANYON MOUTH	72,700	29
10190012	Middle South Platte-Sterling	SOUTH BOULDER CK NR ELDORADO SPRINGS, CO	10,476	17
		BOULDER CREEK NEAR ORODELL	18,000	30
		JULESBURG RESERVOIR	20,200	70
		SOUTH PLATTE RIVER AT SOUTH PLATTE	21,845	8
		BIG THOMPSON R AT MOUTH, NR DRAKE, CO	23,500	14
		PREWITT RESERVOIR	23,700	62
		SAINT VRAIN CREEK AT LYONS	25,000	18
		JACKSON LAKE RESERVOIR	25,500	33
		CLEAR CREEK AT GOLDEN	29,005	9
		EMPIRE RESERVOIR	31,100	50
		RIVERSIDE RESERVOIR	49,300	43
		POINT OF ROCKS RESERVOIR	61,100	41
		CACHE LA POUDRE R AT CANYON MOUTH	72,700	29
10190001	South Platte Headwater	ELEVENMILE CANYON RESV INFLOW	10,110	12
		ANTERO RESERVOIR	19,620	56
		SPINNEY MOUNTAIN RESERVOIR	46,800	71
		ELEVENMILE CANYON RESERVOIR	99,300	32
10190005	St. Vrain	TERRY RESERVOIR	7,400	76
		MARSHALL RESERVOIR	9,100	36
		SOUTH BOULDER CK NR ELDORADO SPRINGS, CO	10,476	17
		UNION RESERVOIR	12,400	38
		BUTTONROCK (RALPH PRICE) RESERVOIR	16,200	65
		BOULDER CREEK NEAR ORODELL	18,000	30
		SAINT VRAIN CREEK AT LYONS	25,000	18
		GROSS RESERVOIR	28,900	30

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
10190002	Upper South Platte	SOUTH PLATTE RIVER AT SOUTH PLATTE	21,845	8
		CHEESMAN LAKE	76,600	43
		DILLON RESERVOIR	242,300	26
14050003	Little Snake	LITTLE SNAKE RIVER NEAR LILY	15,467	1
14050002	Lower Yampa	YAMPA RIVER NEAR MAYBELL	102,622	9
10180001	North Platte Headwaters	NORTH PLATTE R NR NORTHGATE	35,899	22
14050005	Upper White	WHITE RIVER NEAR MEEKER	26,971	6
14050001	Upper Yampa	ELKHEAD CREEK ABOVE LONG GULCH	1,155	16
		YAMCOLO RESERVOIR	5,288	33
		YAMPA RIVER AT STEAMBOAT SPRINGS	35,928	16
		STAGECOACH RESERVOIR NR OAK CREEK	36,100	99
		ELK RIVER NEAR MILNER, CO	51,253	8

NEP is non exceedance percentage (percentile) for volume of the component compared to this month during the historical period 1970-2010.

*Empty, filling restriction

Water Volume NEP Color Scale:

0 (Well Below Normal)	50 (Normal)	100 (Well Above Normal)
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Basinwide Conditions Assessment

The SWSI value for the month was -0.1.

June in northeast Colorado, like much of the state, has experienced above normal temperatures. Stream flows were projected to be near normal levels during the month of June in northern Front Range basins, but the warm temperatures resulted in the runoff in most basins peaking in late May (about two weeks early). The projected runoff that ended May near average for the Front Range basins has diminished to near 80 percent of average for the month of June in the South Platte River basin.

The early peak runoff in the basin and warmer than normal temperatures has resulted in a draw on the reservoirs beginning in late May and continuing through the month of June. However, the overall reservoir storage has remained constant with a slight increase in overall reservoir storage at the end of the month of June as compared to the end of the month of May.

The USDA Drought Monitor rating for northeast Colorado increased in the westerly (mountainous/foothill areas) areas of Larimer and Boulder Counties to D0 (abnormally dry); portions of Jefferson, Douglas, Elbert and Arapaho Counties increasing to D0 (abnormally dry); all of Gilpin County increasing to D0-D1 (abnormally dry to moderate drought); portions of Gilpin, Clear Creek, and Park Counties as D1 (moderate drought); and portions of Lincoln, El Paso, Teller and Park Counties as D2-D3 (sever to extreme drought). Fortunately, as of early July, most of the eastern plains in the South Platte and Republican River basins are not currently in a drought condition.

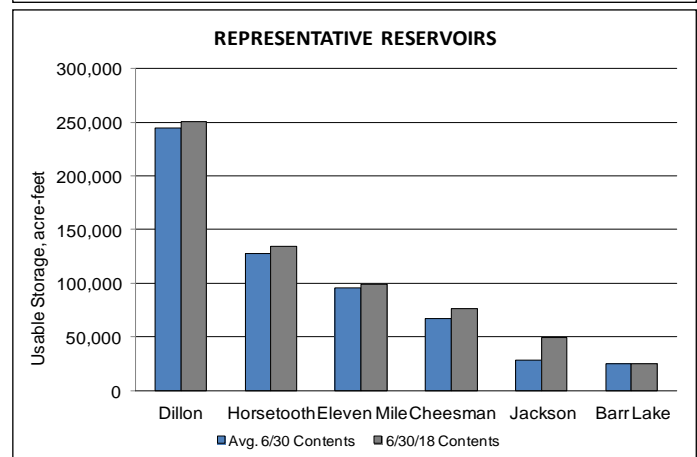
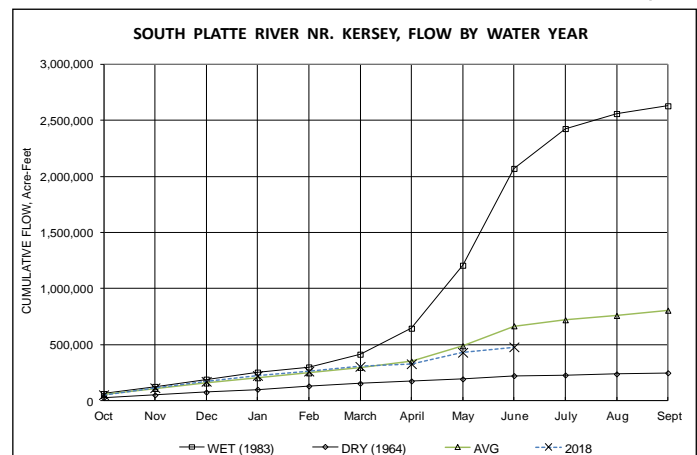
Like the majority of Colorado, June temperatures in northeast Colorado were above normal. However, unlike the rest of Colorado, June precipitation in northeast Colorado was just below normal basin wide at 90% of average, but widely variable with portions of some counties receiving near 50% of average and other counties receiving nearly double normal precipitation (200%) during the month of June. Portions of the central eastern plains in Division 1, Larimer, Boulder and Weld Counties received well above average June precipitation.

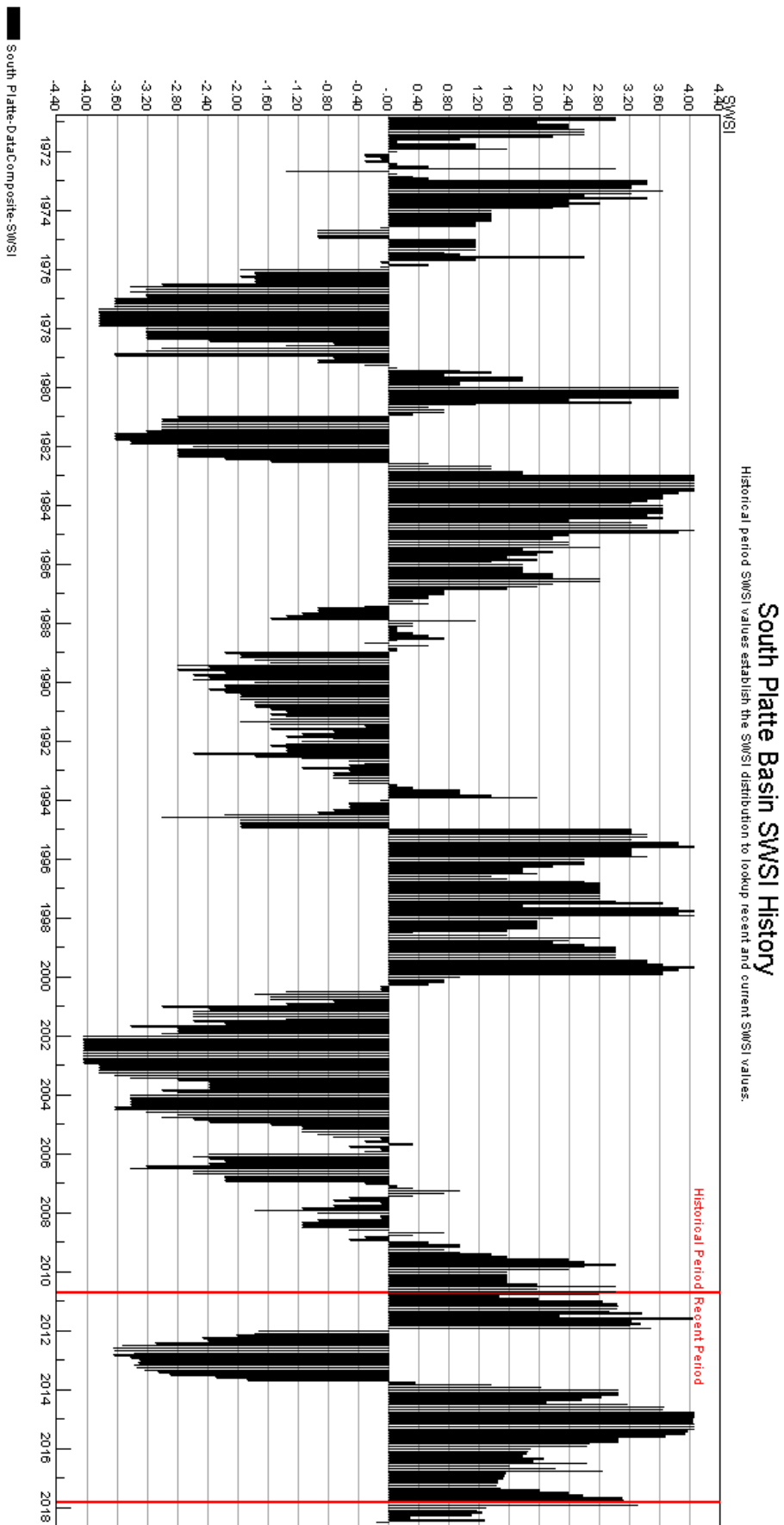
The June precipitation provided much needed demand by the irrigation and other users along the South Platte River, allowing less demand for reservoir water being released in June. The increased demand, lower than normal flows due to snowpack

runoff peaking several weeks earlier than normal in mid to late May rather than early to mid-June, resulted in lower flows over May at the Kersey and Julesburg index stream flow gages. The overall June mean flow at the Kersey gage was approximately 864 cfs or about 37% of the long term mean flow of 2344 cfs. The overall June mean flow at the Julesburg gage was approximately 307 cfs. This represents a flow of only about 16% of the long term mean flow of 2030 cfs.

During June, the overall seniority of calls on the South Platte mainstem went senior for the month of June, due primarily to the snowmelt runoff peaking several weeks earlier than normal in mid-May to late-May depending on the tributary. There was no free river during the month of June on the mainstem, with the calls below Metro Denver starting the month with a 1908 priority date to a priority date of 1876 by mid-June and an 1872 by late June. The lower portion of the mainstem followed the same pattern of increasing seniority with an 1888 priority by mid-June and the South Platte Compact Call on beginning June 13 through June 18th and then coming back on June 28th. The Compact Call was not required during the middle part of June due to emergency construction of a railroad crossing of the South Platte River in Nebraska requiring any possible reductions in flow to the state line. The southern tributaries and upper portions of Park County are experiencing historic low flows and have been increasing in the seniority of calls with very little water through the month of June.

One of the bright spots for June was the South Platte basin reservoir storage. The June precipitation discussed above helped maintain the overall end of June storage in the group of selected representative reservoirs to that of May which was 96% of capacity.





Basinwide Conditions Assessment

The SWSI value for the month was +0.6.

Outlook

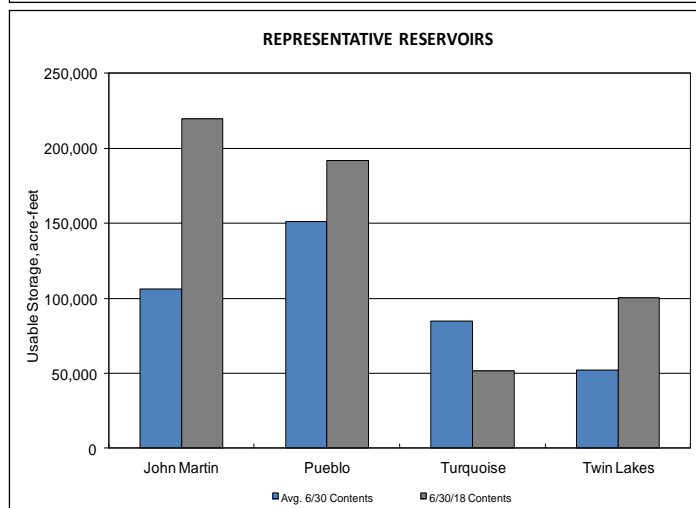
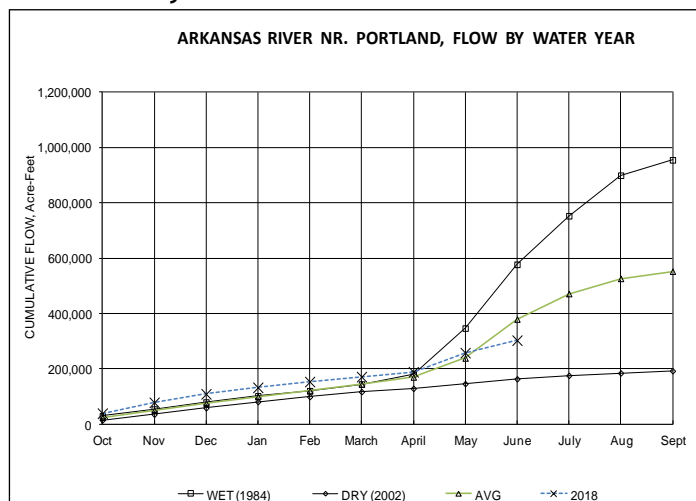
The weather in June was hot and dry. Temperature averages throughout the basin were higher than normal and were the 2nd warmest on record. Precipitation rates were also below normal. Dry conditions and the heat contributed to several wildfires in the basin in the month of June.

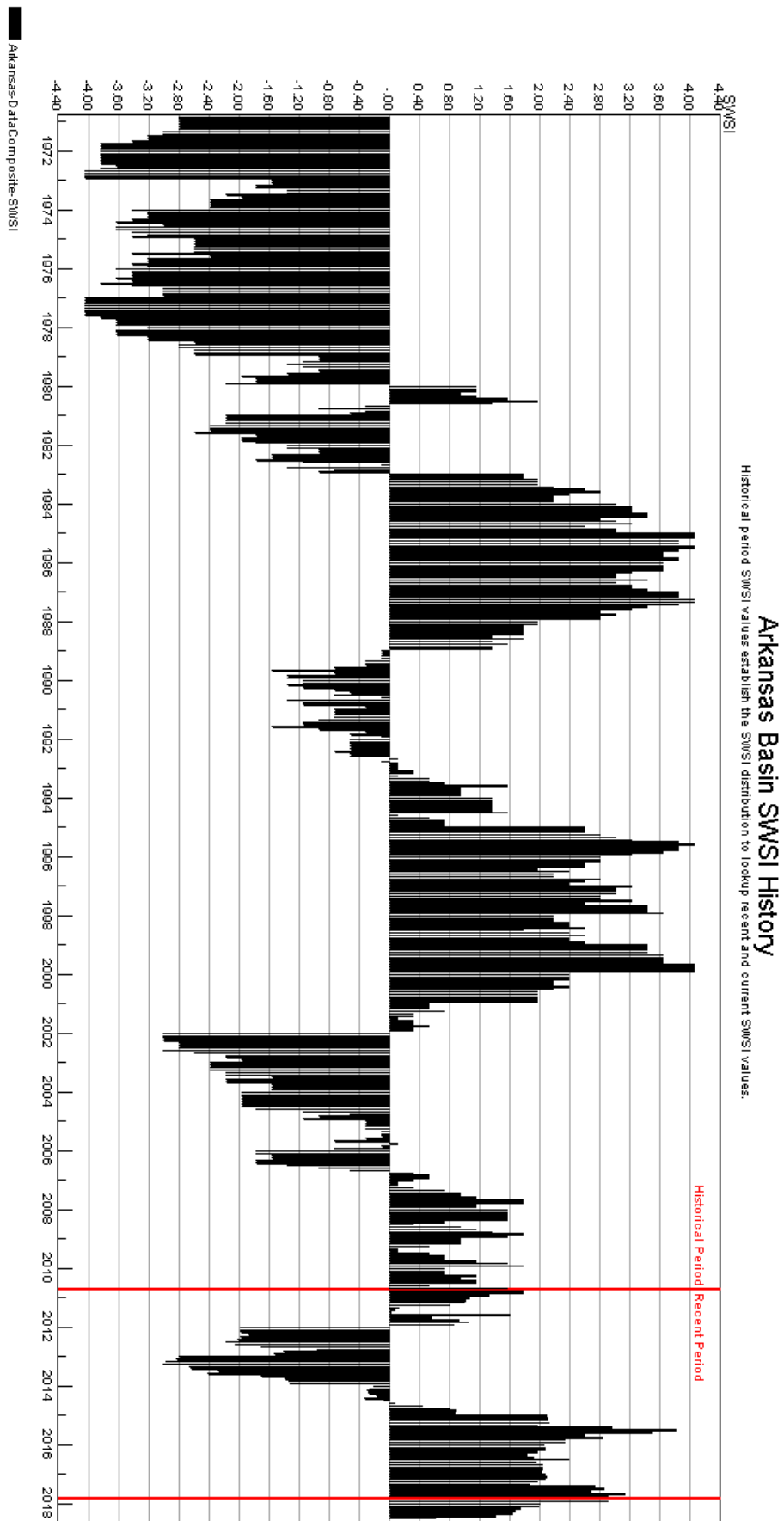
River calls began with the Fort Lyon Canal call of 3/1/1887 and ended the month with the Amity Canal call of 2/21/1887.

Administrative/Management Concerns

To continue the trend started in May, river flows steadily tapered off in June, including cessation on the Cucharas and near extinction on the Huerfano by the end of the month. Imports from the Fryingpan-Arkansas transmountain diversions were historically lower with shorter run-times and have mostly concluded.

June 30, 2018 marked the retirement of Steve Witte as Division Engineer. Steve's contributions to the Arkansas River Basin will be missed. Bill Tyner was appointed Division Engineer and will continue the legacy Steve had established.





Basinwide Conditions Assessment

The SWSI value for the month was -3.6.

Flow at the gaging station Rio Grande near Del Norte averaged 445 cfs (15% of normal). The Conejos River near Mogote had a mean flow of 306 cfs (28% of normal). June showed a nearly daily decline in streamflow for all area streams. This decline of the annual hydrograph will be very steep and quick without significant precipitation.

The higher elevations and the Valley floor received below average precipitation during June. The month started out with rain in the San Luis Valley but went dry for the duration.

Outlook

The NWS 90-day forecasts for July through September suggest higher than normal temperatures and a very good chance for above average precipitation. The possibility for a normal monsoon is great news for the basin. Any precipitation would be welcome.

Administrative/Management Concerns

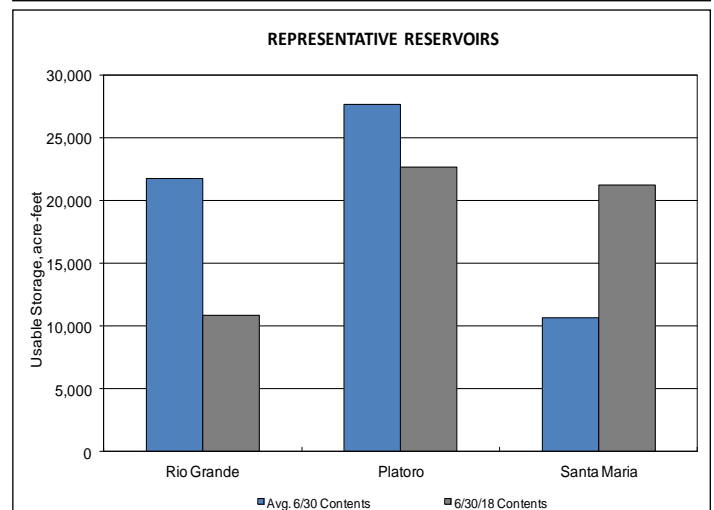
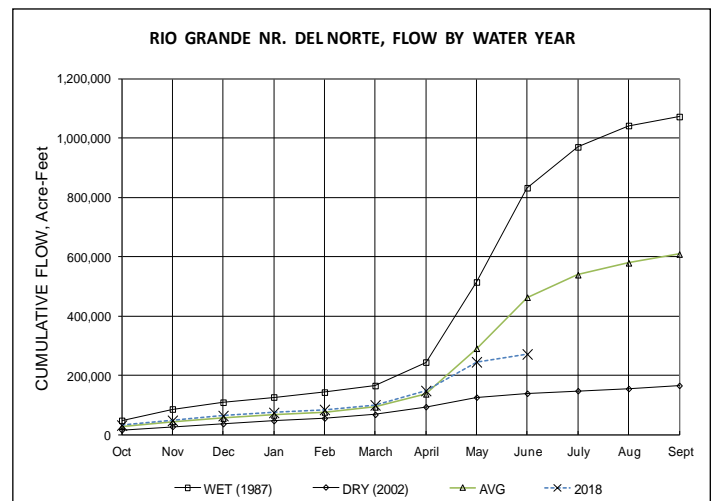
The lack of surface water has increased use of wells throughout the region. Consequently, aquifer levels have already started to decline. Recovery and stabilization of the aquifers is a major need in the basin and a focal point of the impending Groundwater Use Rules. Unfortunately, the gain in the aquifers seen in the past four years may be all lost this season.

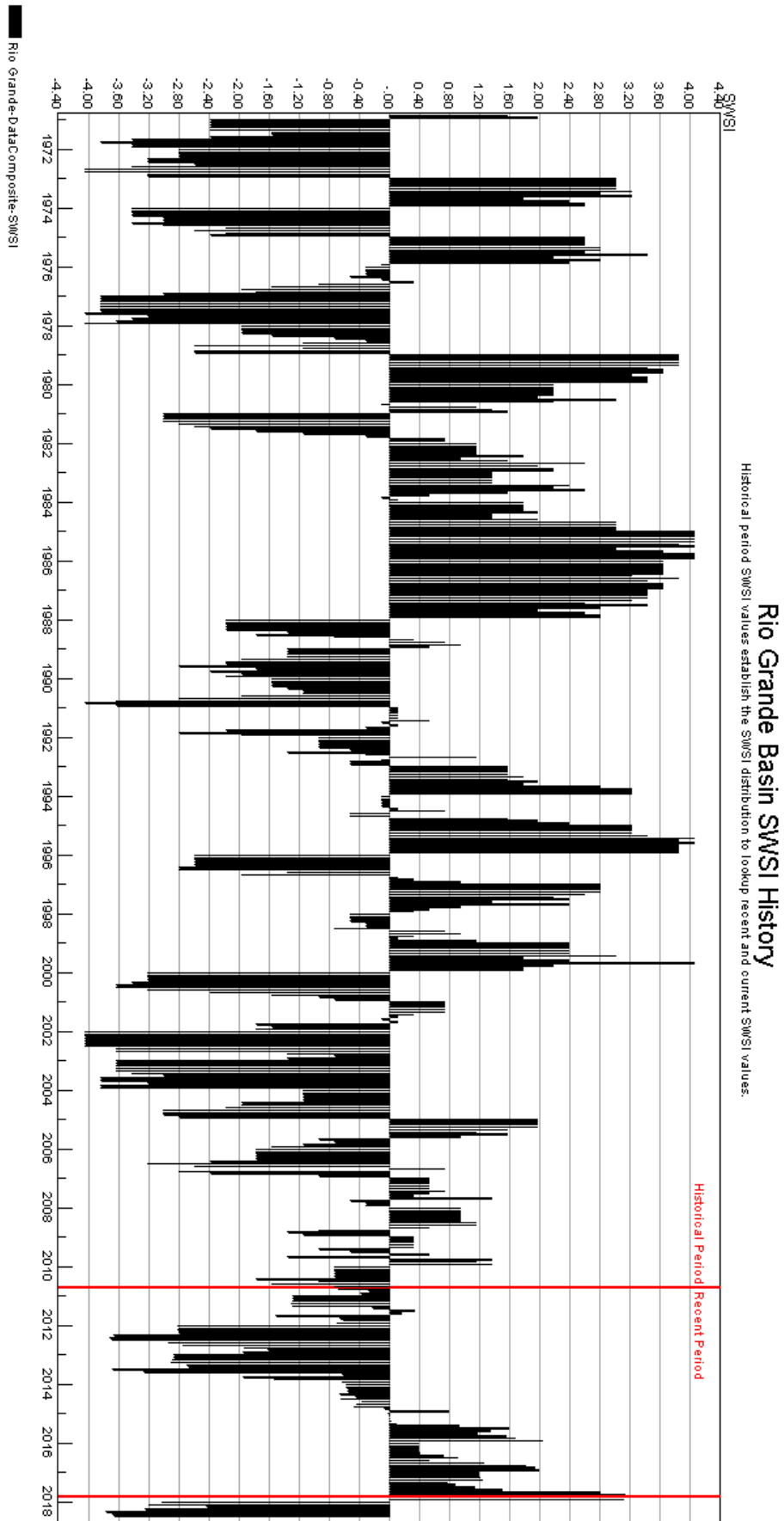
Reservoir releases, where available, have been helpful. But this basin does not have massive reservoirs to protect from drought. Sporadic rain in the basin did little to help streams as they plummeted to baseflow conditions.

Public Use Impact

Consistently sunny conditions favored the farmers and ranchers and aided the growth of crops during June - if the farmer or rancher had sufficient irrigation supply. The first cutting of hay and alfalfa yielded well and was put up without being rained on.

Fire. The San Luis Valley is not exempt from the destructive forces of wildfire. On June 27, the "Spring" fire erupted east of Fort Garland in the subdivided area of Costilla County. Over 100 homes were destroyed and the vital link into the San Luis Valley, US Highway 160, was closed for several days. The fire scorched over 100,000 acres, making it the 3rd largest fire in Colorado recorded history. Fortunately, there was no loss of human life.





Basinwide Conditions Assessment

The SWSI value for the month was -3.7.

June was another extremely dry month in the Gunnison basin with many areas receiving less than 30% of the average precipitation. Streamflows reached baseflow levels much earlier than normal and daily streamflows remain consistently below the 25th percentile at gauge sites in the Basin. In fact, many gauge sites continue to report flows below record lows set in 2012, 2002, and 1977.

Outlook

Runoff volumes in June continued to underperform Colorado Basin River Forecast Center (CBRFC) forecasts, which has caused continued declines in April to July inflow forecasts. For example, the runoff forecast for the Gunnison River at Blue Mesa declined from 270,000 acre-feet on June 1st to 260,000 acre-feet on June 15th. Model results declined even further by the end of the month, predicting 244,000 acre-feet of inflow on July 1st.

NOAA climate forecasts still predict a wet monsoon with above average precipitation during the July through September period.

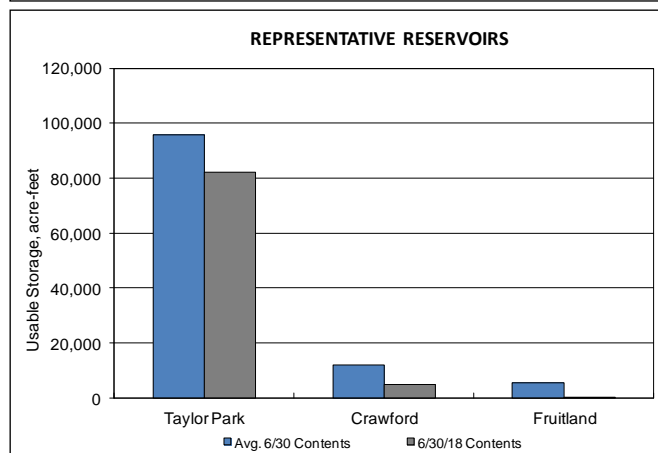
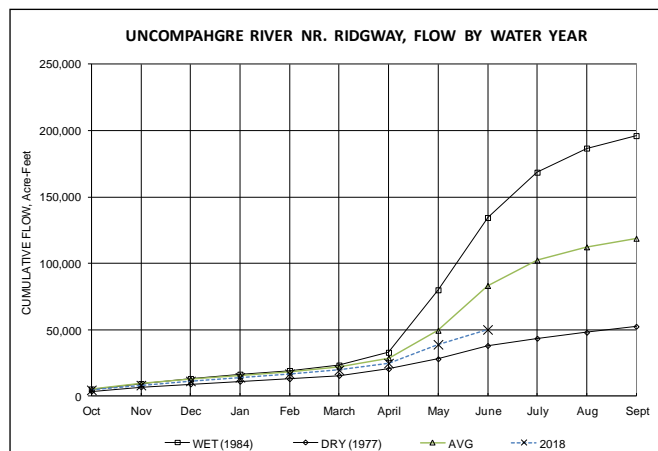
Administrative/Management Concerns

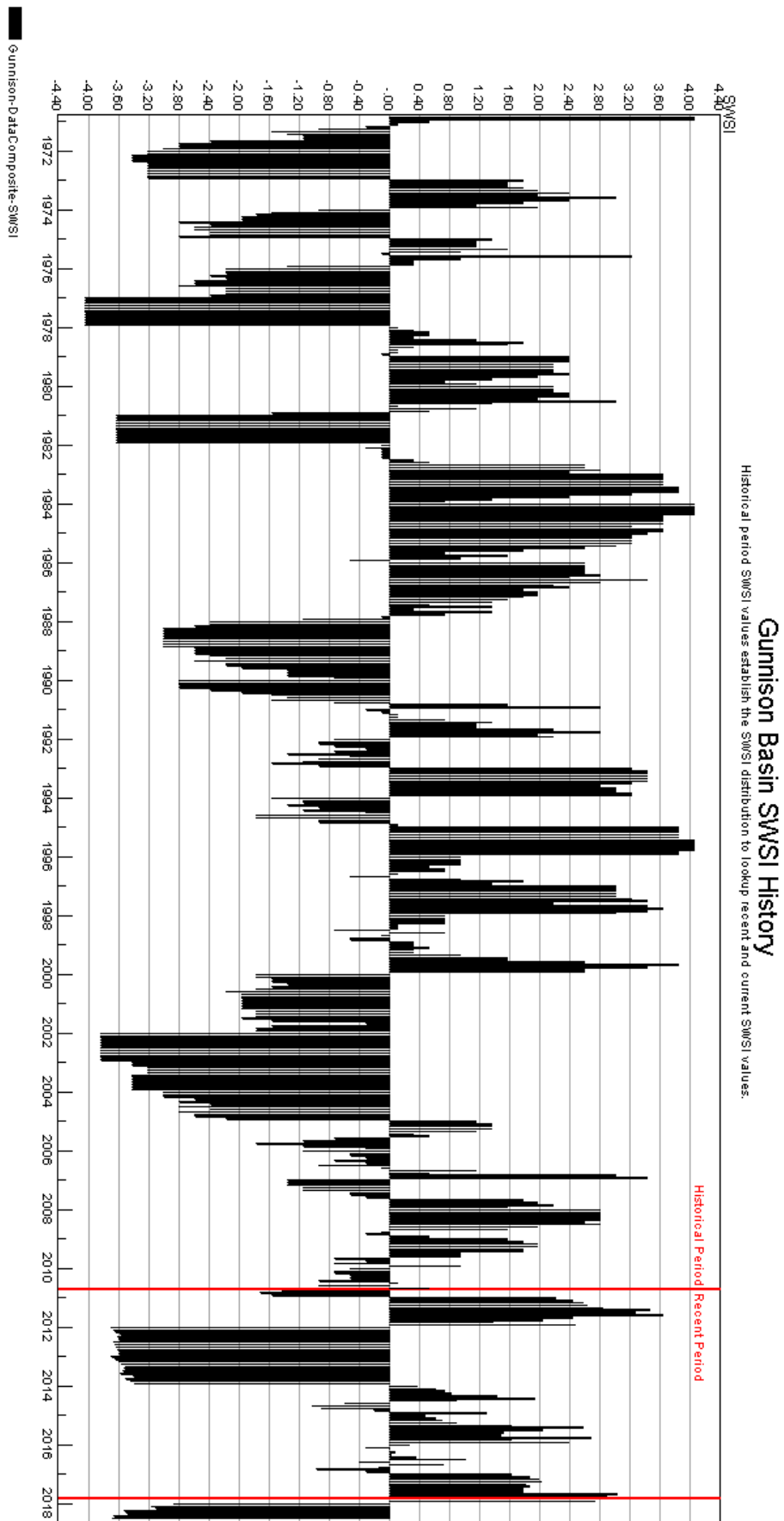
The 260,000 acre-feet forecast inflow into Blue Mesa Reservoir places 2018 in the dry year category for determining target baseflows in the Aspinall Operations EIS. Drought provisions for dry year categories in the EIS allow a reduction of June and July baseflow targets at Whitewater from 1,050 cfs to 900 cfs when Blue Mesa Reservoir contains less than 600,000 acre-feet in storage. This provision was discussed with Bureau of Reclamation staff as Blue Mesa content on June 1st was 511,000 acre-feet, however, releases at Crystal Dam continue at levels that have kept average daily flows on the Gunnison River at Whitewater above 1,050 cfs for all except 8 days in June.

Inflow to the Aspinall Unit satisfied the Gunnison Tunnel (GT) demand until June 14th when inflows dropped below the 1,050 cfs diversions. As a result, the GT used 9,518 acre-feet of first fill storage from Taylor Park Reservoir. A Division of Water Resources model, predicts that the GT will use all of the Taylor Park first fill stored in the Aspinall Unit, resulting in an exchange of Aspinall Unit water for water stored in Taylor Park. This exchanged water would count against their first fill carryover and would result in less than 50% carryover into 2019.

As expected, the call at the Montrose & Delta Canal was placed again on June 13th. With a priority of April 7, 1884, this call effectively results in curtailment of most water rights in Ouray County. In addition to the storage they are using from Taylor Park accounts, as of July 1st the UUVUA has already used over 5,000 acre-feet of the approximately 20,200 acre-feet they have in Ridgway Reservoir to fill demand at their seven main headgates. The UUVUA reduced deliveries to their shareholders to 70% in mid-June in order to reduce the amount of storage needed from Ridgway Reservoir.

Flow in streams with headwaters on the Grand Mesa dropped to levels not seen in most water users' lifetimes in late June. In fact, it is estimated that Ward Creek and Kiser Creek were only producing 2.5 and 1.5 cfs respectively, which only fills a few water rights on each of those Creeks. As a result, most irrigators must rely upon storage for the remainder of 2018, which is also in short supply. In an attempt to stretch out their limited supply, most irrigators ordered less water than needed to fully irrigate their crops, however, the lack of natural flow combined with reduced storage releases resulted in significantly higher than average transit losses from the reservoir to their headgates. Beginning the last week of June, the Grand Mesa Water Users Association (GMWUA) resorted to only accepting reservoir storage orders every other week in an attempt to boost the amount in the stream during their reservoir turns and reduce the associated transit loss. Higher than average transit losses are still reducing deliveries more than normal, but this modification in the GMWUA operations seems to have improved conditions somewhat.





Basinwide Conditions Assessment

The SWSI value for the month was -3.6.

Outlook

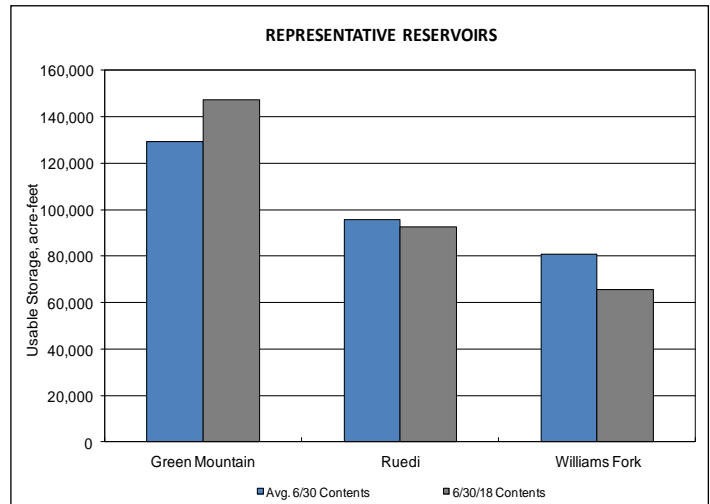
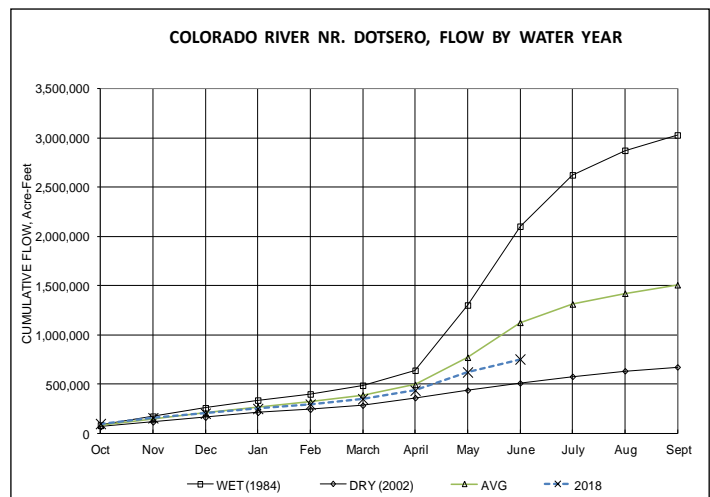
Colorado River flows and tributary flows are running below average. River flows are forecasted to continue below average. Above average temperatures and above average precipitation are forecast for July.

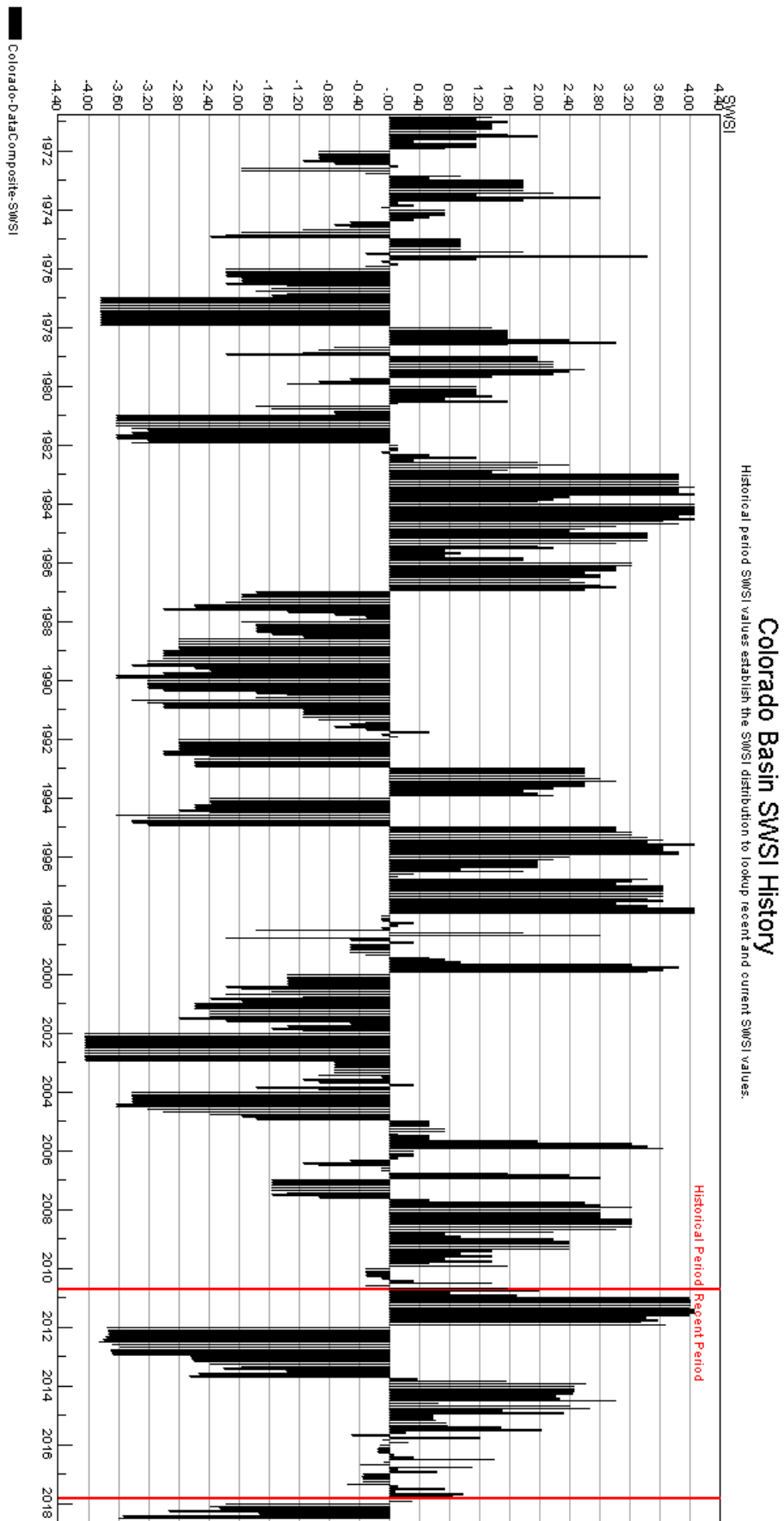
Administrative/Management Concerns

The call on the Colorado River mainstem is the Cameo/GVIC and is being administered with a bypass priority of the CGT Project/Green Mountain Reservoir. There is also a call at the Shoshone Power Plant that is also being administered with a bypass priority of the CBT Project/Green Mountain Reservoir. Grand Valley Irrigation diversions (Government Highline/Orchard Mesa Irrigation, Grand Valley Irrigation canals) continue at or near full capacity. Ruedi Reservoir is passing inflows and making contract releases. It has been requested by the USFWS to conserve the 15-Mile reach recovery water in Ruedi for later in the season. Wolford Reservoir is releasing for contracts, Schwab Ditch wetlands and fish conservation water. Maintenance of the reservoir is requiring the reservoir to be 20 feet below full by September 1. Green Mountain is releasing contract and HUP water and some inflow. The remainder of the inflow is being stored under the 1935 storage right through the power plant. Dillon Reservoir is also storing some of Green Mountains water from the Blue River.

Public Use Impacts

With low river flows this year, the dilution of non-point source pollution is limited and everyone needs to help out. The U.S. Environmental Protection Agency defines non-point source pollution as “pollution that is not released through pipes, but rather originates from multiple sources over a relatively large area. Non-point sources include failing septic tanks, improper animal keeping practices, forestry practices and urban and rural runoff.”





Basinwide Conditions Assessment

The SWSI value for the month was -3.6.

June precipitation was well below average in the Yampa, White, and North Platte River basins. Precipitation for the month, as measured at the SNOTEL sites operated by NRCS, was reported at 38% of average for the Yampa, White, and North Platte River basins. Total precipitation for the water year as a percent of average to date in the combined basins at the end of June was 80%.

All Division 6 stream gages are now open with measurements ongoing. The Willow Creek site has been re-opened and there are no longer any bypass flows going around the gage.

Outlook

As of June 30th Fish Creek Reservoir was storing approximately 4,194 AF, 101% of capacity. The capacity of Fish Creek Reservoir is 4,167 AF. Yamcolo Reservoir was storing 5,380 AF at the end of June 2018. The capacity of Yamcolo Reservoir is 8,700 AF. The G3 website is down for Elkhead Reservoir. On June 30, 2018, Stagecoach Reservoir was storing 35,400 AF, 97% of capacity.

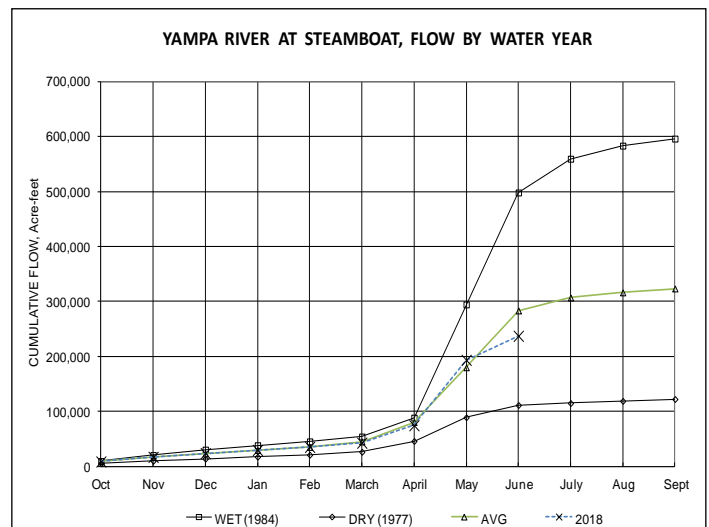
Water stored in Fish Creek Reservoir is used primarily for municipal purposes, Yamcolo Reservoir for irrigation purposes, and Elkhead Creek Reservoir for municipal, industrial, recreational, and fish recovery releases. Stagecoach Reservoir is primarily used for recreation though a significant amount of stored water is allocated for municipal, industrial, irrigation and augmentation uses.

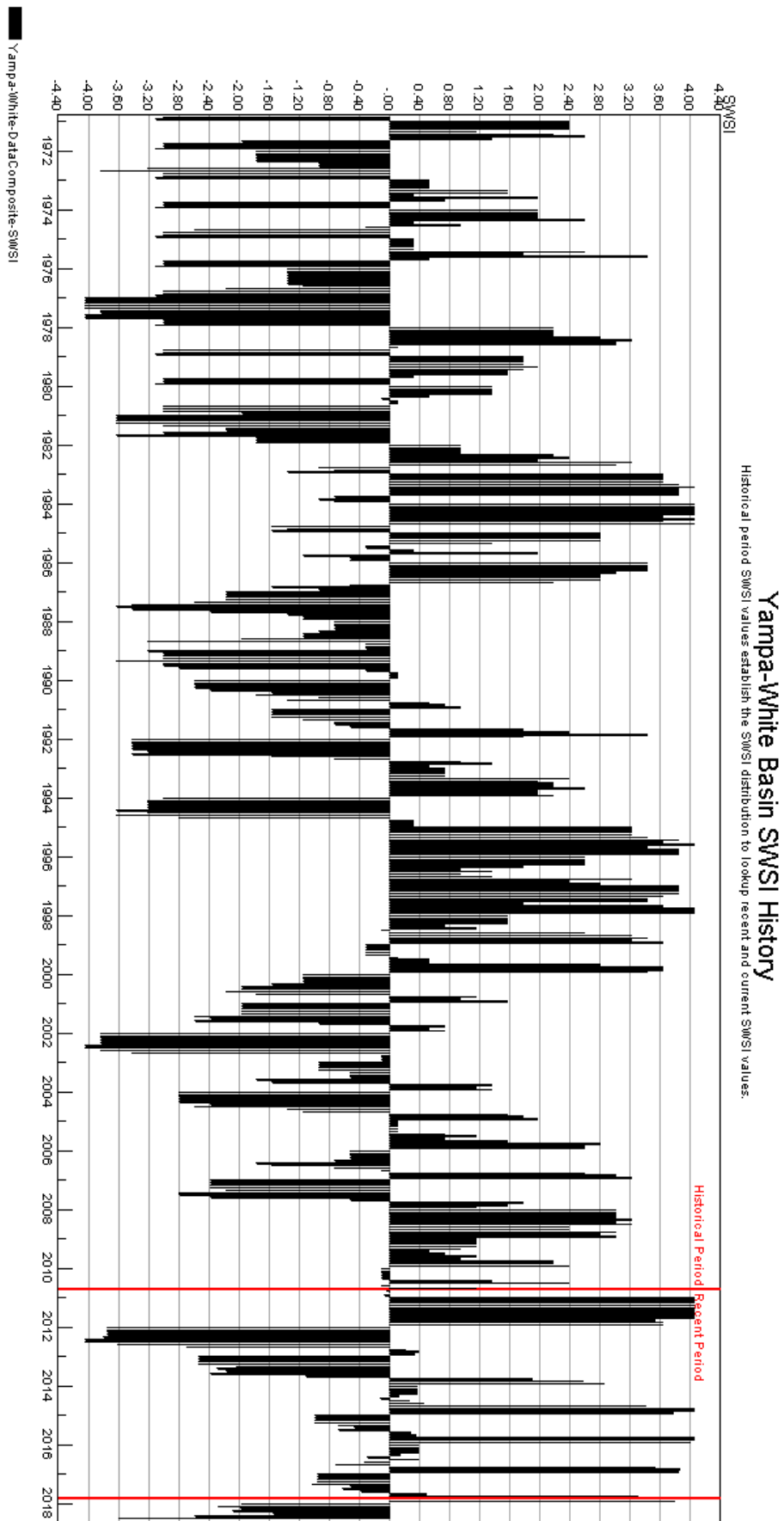
Public Use Impacts

Please check the Stagecoach Reservoir State Park website for the fishing report. Motorized boating is now allowed on the reservoir (June 1 - October 31). ANS inspections are available at the Marina/North/Main Boat ramp. A pre-inspection is required prior to launching any vessel in to the reservoir. The swim beach is now open.

Steamboat Lake is now open for boating and you can stop by the visitor center for a mandatory boat inspection. Call 800-244-5613 for camping reservations. Reservations are recommended at all times. The swim beach is now open. Dam construction is currently underway. There is no public day use or access to the Sage Flats day use area.

Fire danger is high in Routt, Moffat and Rio Blanco counties. Routt County has enacted Stage 1 fire restrictions. Please view the park conditions website for either Stagecoach or Steamboat Lake.





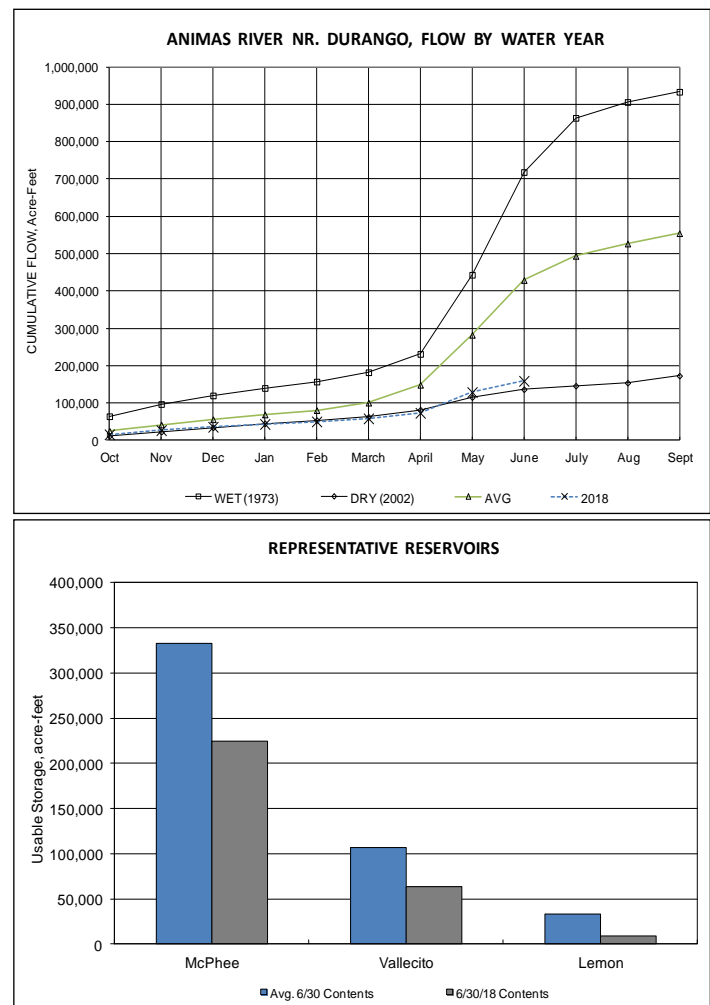
Basinwide Conditions Assessment

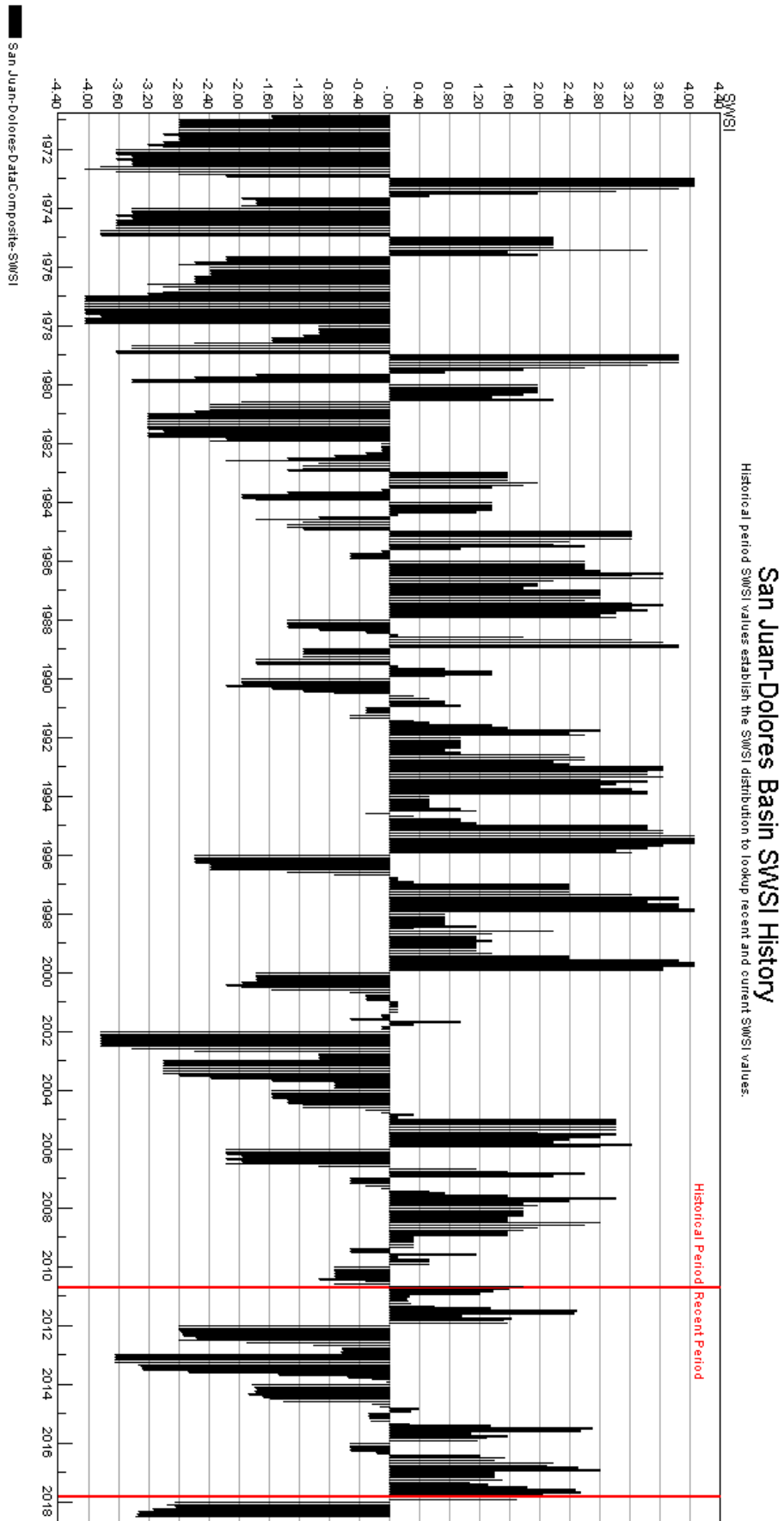
The SWSI value for the month was -3.4.

Flow at the Animas River at Durango averaged 489 cfs (18% of average). The flow at the Dolores River at Dolores average is 82 cfs (6% of average). The La Plata River at Hesperus averaged 11.8 cfs (10% of average). Precipitation in Durango was 1.33 inches for the month, 217% of the 30-year average of 0.61 inches. Precipitation to date in Durango, for the water year, is 5.46 inches, 41% of the 30-year average of 13.19 inches. End of last month precipitation to date, for the water year was 33% of average. The average high and low temperatures for the month of June in Durango were 87° and 46°. In comparison, the 30-year average high and low for the month is 83° and 46°. At the end of the month Vallecito Reservoir contained 63,485 acre-feet compared to its average content of 105,398 acre-feet (60% of average). McPhee Reservoir was up to 225,079 acre-feet compared to its average content of 337,814 (67% of average), while Lemon Reservoir was up to 9,150 acre-feet as compared to its average content of 33,287 acre-feet (27% of average).

Outlook

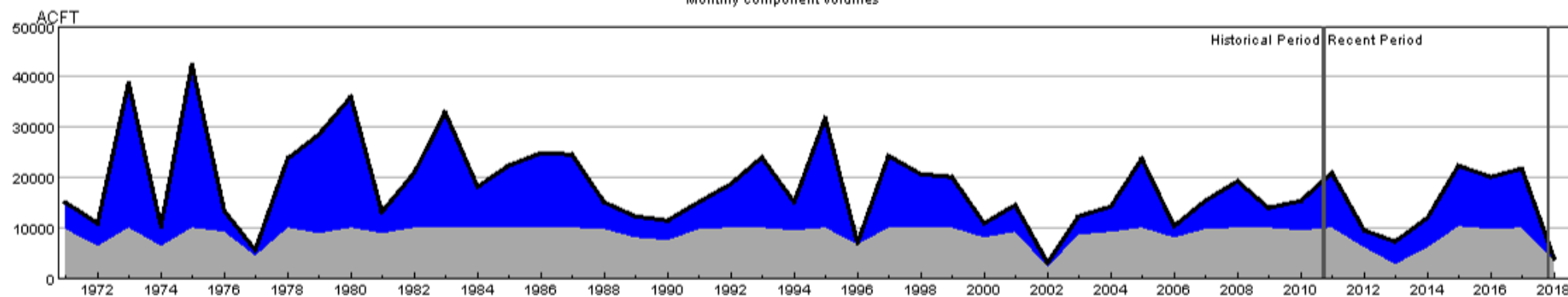
Precipitation (1.33 inches) was above average for June in Durango thanks to tropical storm Bud. Durango received 1.31 inches of precipitation from the storm event. There were 23 years out of 124 years of record where there was more precipitation than this year. The flows in the rivers within the basin remained well below average for this time of year. There are 105 out of 107 years of record where the total flow past the Animas River at Durango stream gauge was more than this year. The only years where there was less water in the Animas River than this year was 1934 (23,477 AF) and 2002 (21,243 AF). There were 106 out of 107 years of record where the total flow past the Dolores stream gauge was more than this year and 100 out of 101 years of record where the total flow past the La Plata River at Hesperus gauge was more than this year. The only year where the total monthly volume was less than this year, on the Dolores and La Plata River, was 2002.





HUC 14080107 (Mancos) Surface Water Supply - JUL

Monthly component volumes



HUC:14080107-JUL-DataComposite
 HUC:14080107-JUL-PrevMoStreamflow
 HUC:14080107-JUL-ForecastedRunoff
 HUC:14080107-JUL-ReservoirStorage

HUC 14080107 (Mancos) SWSI Values - JUL

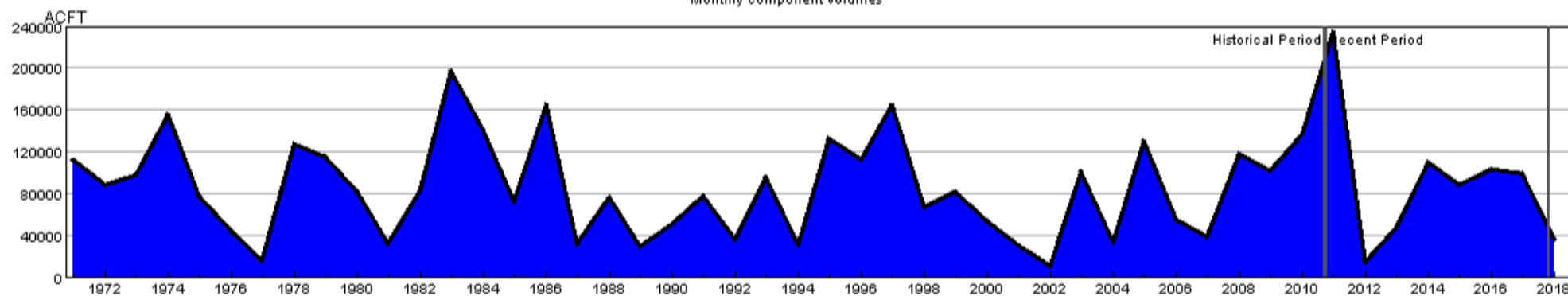
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14080107-JUL-PrevMoStreamflow-SWSI
 HUC:14080107-JUL-ForecastedRunoff-SWSI
 HUC:14080107-JUL-ReservoirStorage-SWSI
 HUC:14080107-JUL-DataComposite-SWSI

HUC 10180001 (North Platte Headwaters) Surface Water Supply - JUL

Monthly component volumes



HUC:10180001-JUL-DataComposite
 HUC:10180001-JUL-PrevMoStreamflow
 HUC:10180001-JUL-ForecastedRunoff
 HUC:10180001-JUL-ReservoirStorage

HUC 10180001 (North Platte Headwaters) SWSI Values - JUL

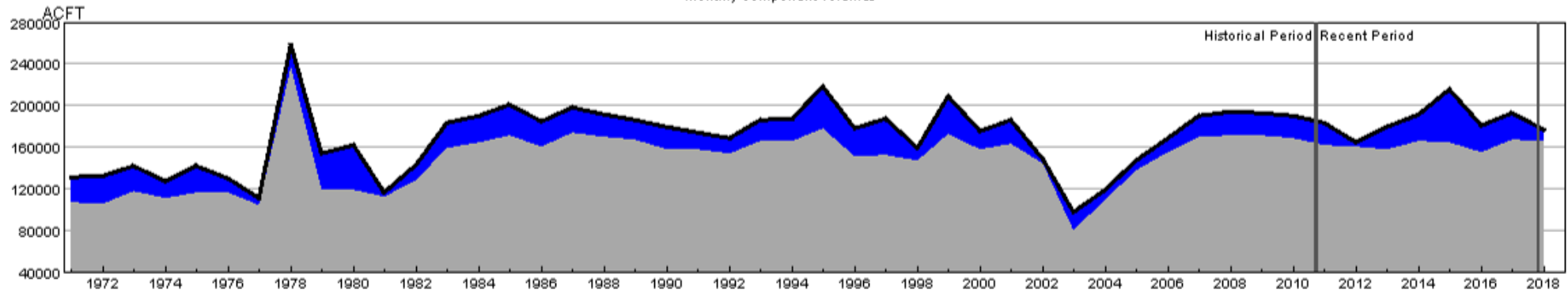
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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HUC 10190001 (South Platte Headwater) Surface Water Supply - JUL

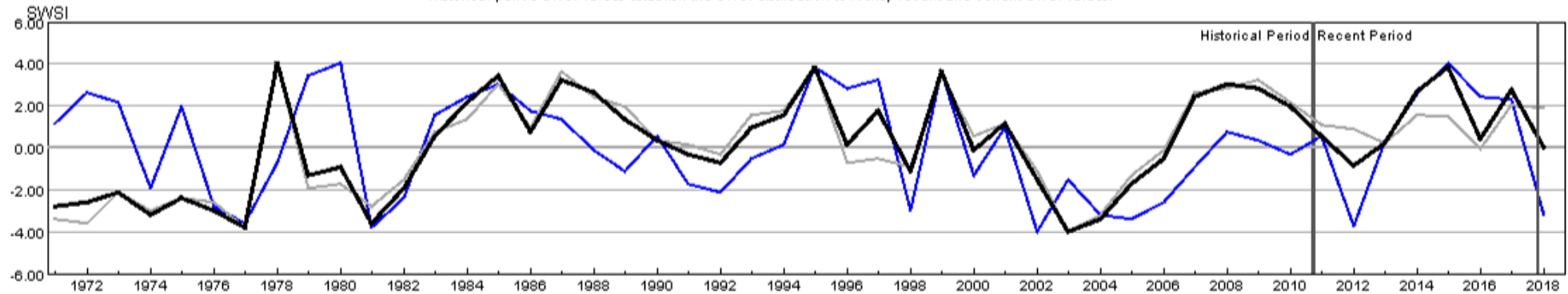
Monthly component volumes



HUC:10190001-JUL-DataComposite
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HUC 10190001 (South Platte Headwater) SWSI Values - JUL

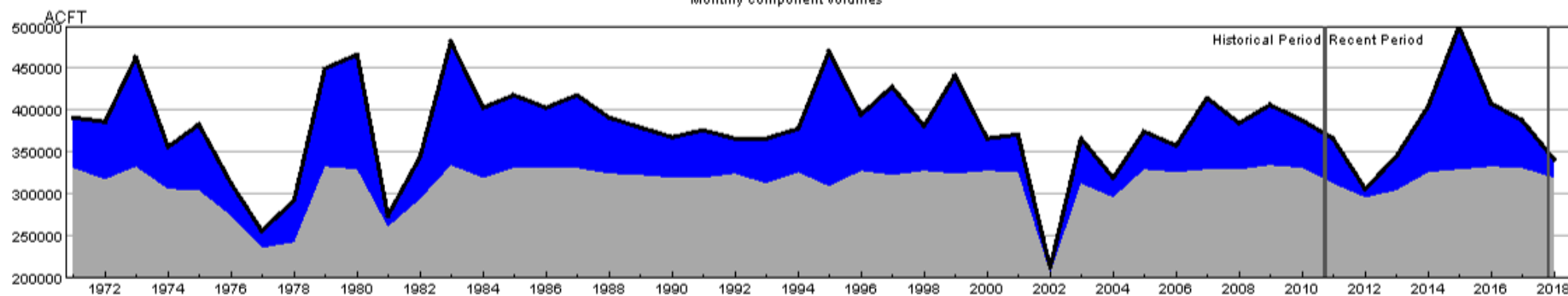
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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HUC 10190002 (Upper South Platte) Surface Water Supply - JUL

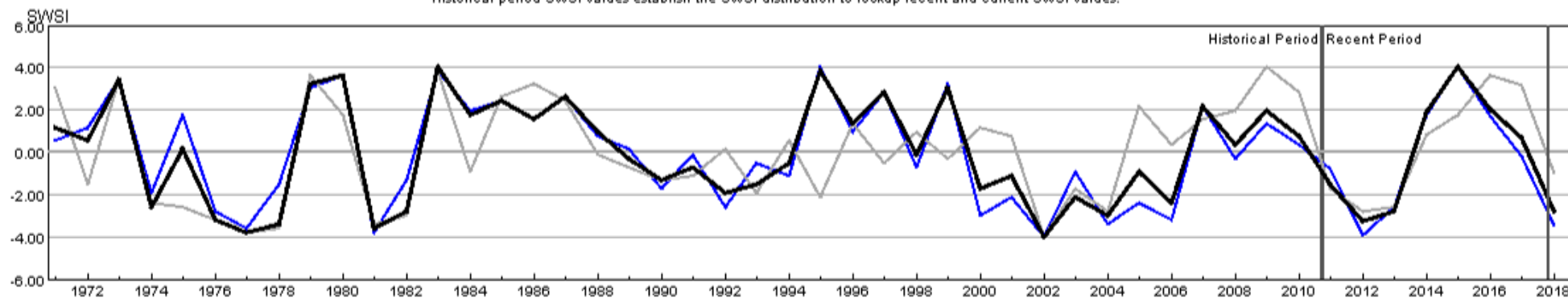
Monthly component volumes



HUC:10190002-JUL-DataComposite
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HUC 10190002 (Upper South Platte) SWSI Values - JUL

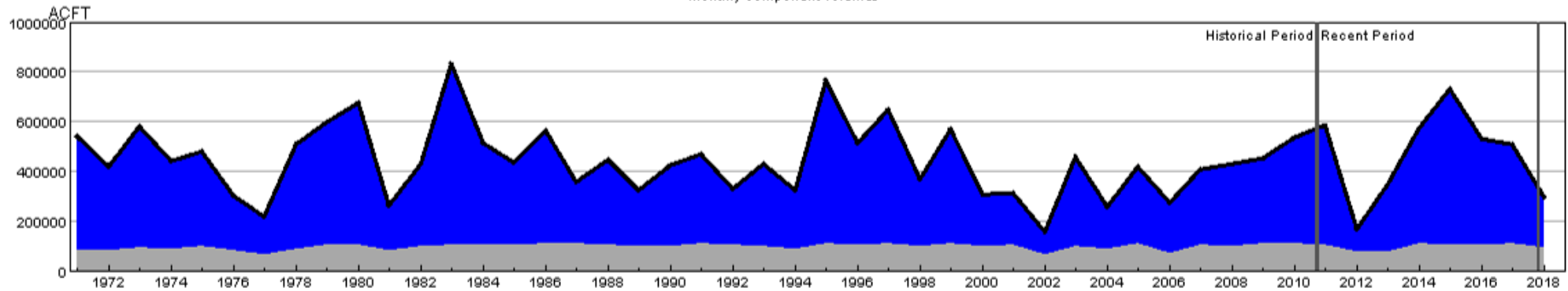
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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HUC 10190003 (Middle South Platte-Cherry Creek) Surface Water Supply - JUL

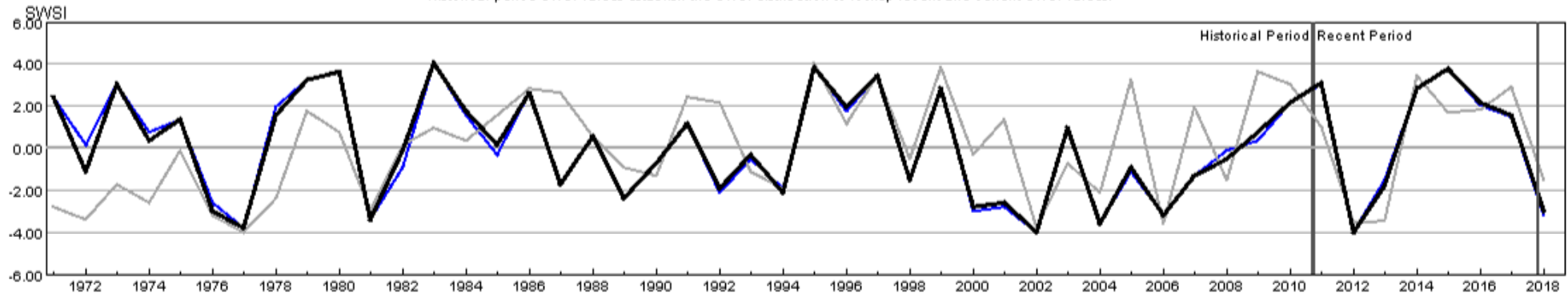
Monthly component volumes



HUC:10190003-JUL-DataComposite
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HUC 10190003 (Middle South Platte-Cherry Creek) SWSI Values - JUL

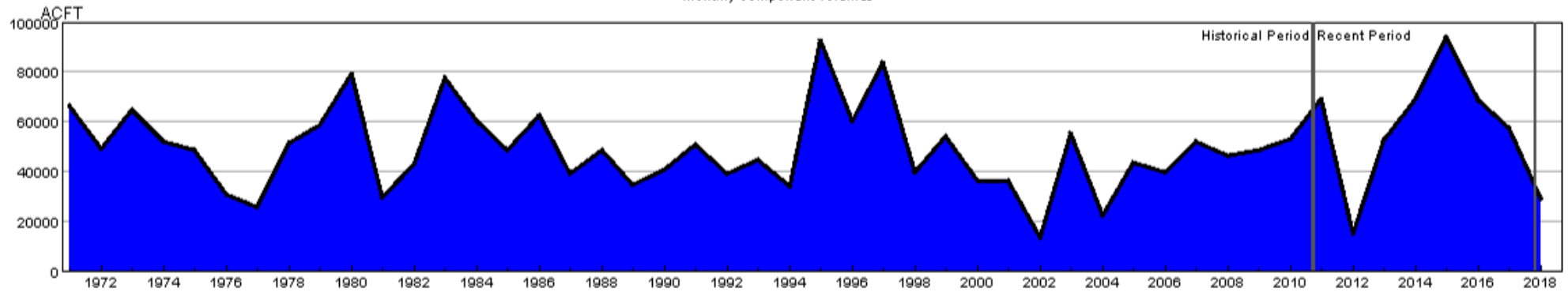
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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 HUC:10190003-JUL-ReservoirStorage-SWSI
 HUC:10190003-JUL-DataComposite-SWSI

HUC 10190004 (Clear) Surface Water Supply - JUL

Monthly component volumes



HUC:10190004-JUL-DataComposite
 HUC:10190004-JUL-PrevMoStreamflow
 HUC:10190004-JUL-ForecastedRunoff
 HUC:10190004-JUL-ReservoirStorage

HUC 10190004 (Clear) SWSI Values - JUL

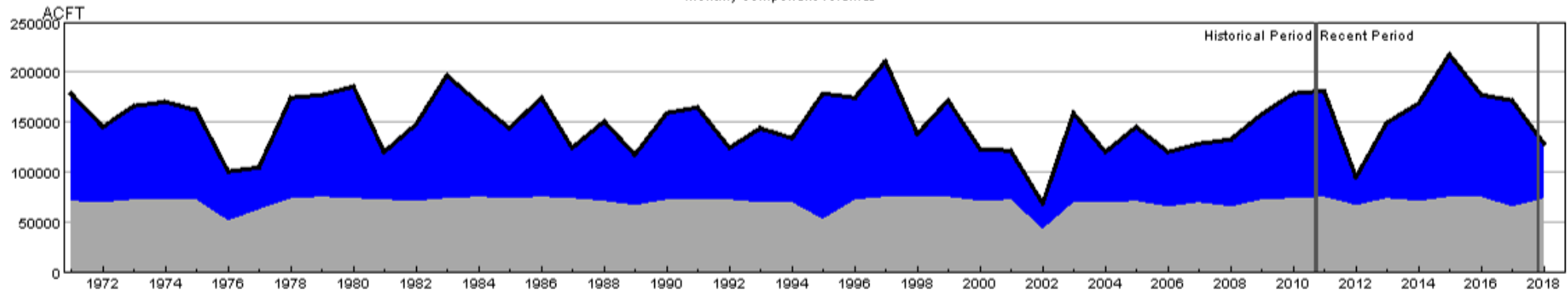
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:10190004-JUL-PrevMoStreamflow-SWSI
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HUC 10190005 (St. Vrain) Surface Water Supply - JUL

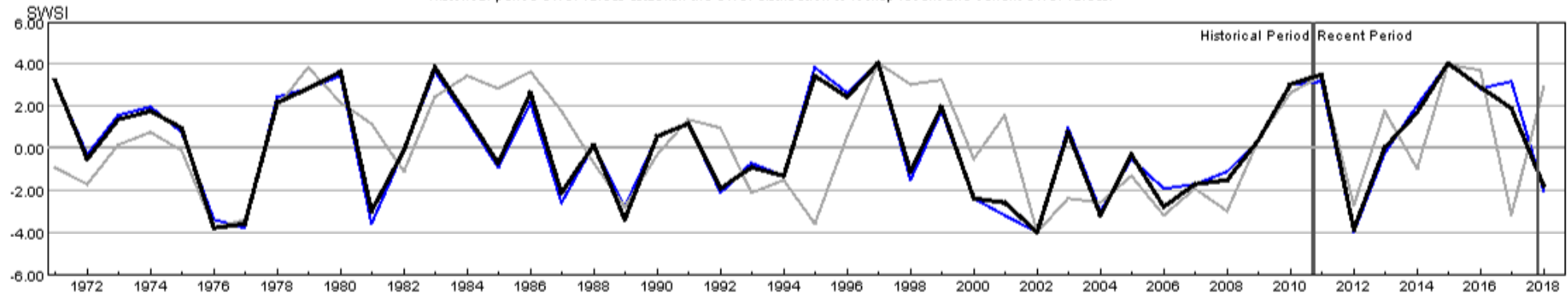
Monthly component volumes



HUC:10190005-JUL-DataComposite
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HUC 10190005 (St. Vrain) SWSI Values - JUL

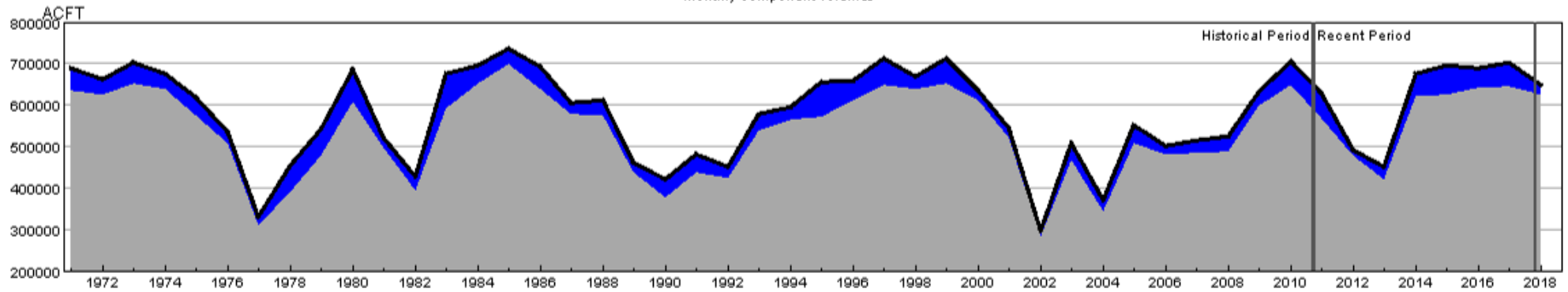
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HUC 10190006 (Big Thompson) Surface Water Supply - JUL

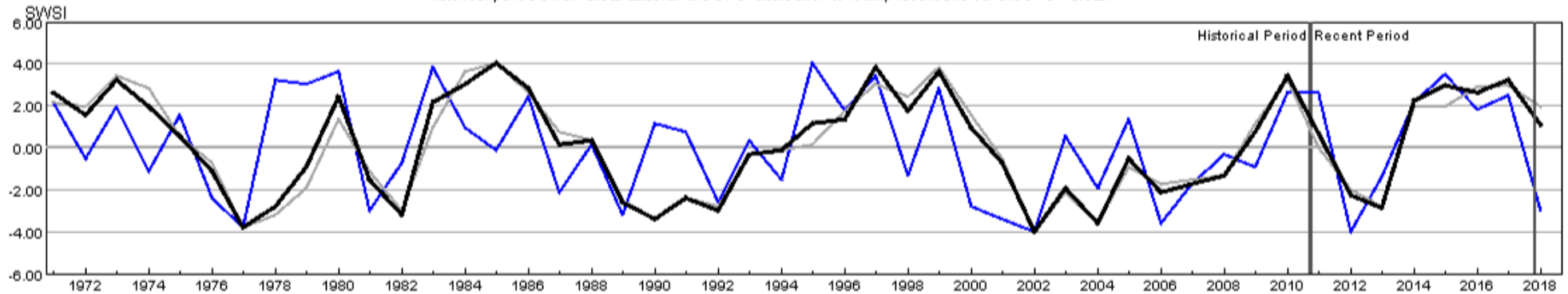
Monthly component volumes



HUC:10190006-JUL-DataComposite
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HUC 10190006 (Big Thompson) SWSI Values - JUL

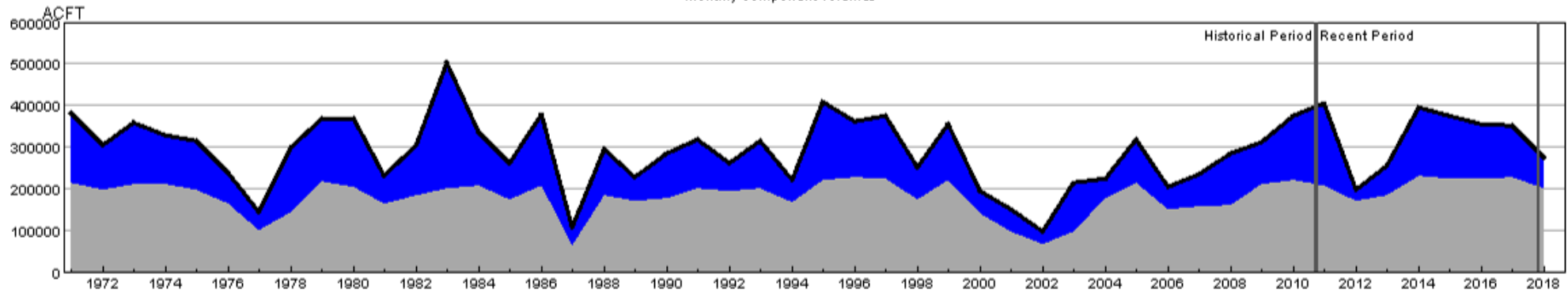
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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HUC 10190007 (Cache La Poudre) Surface Water Supply - JUL

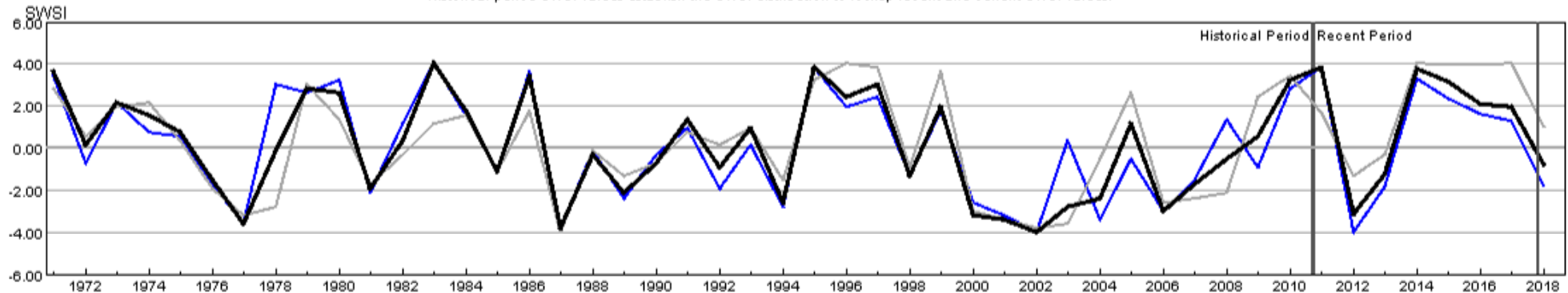
Monthly component volumes



HUC:10190007-JUL-DataComposite
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HUC 10190007 (Cache La Poudre) SWSI Values - JUL

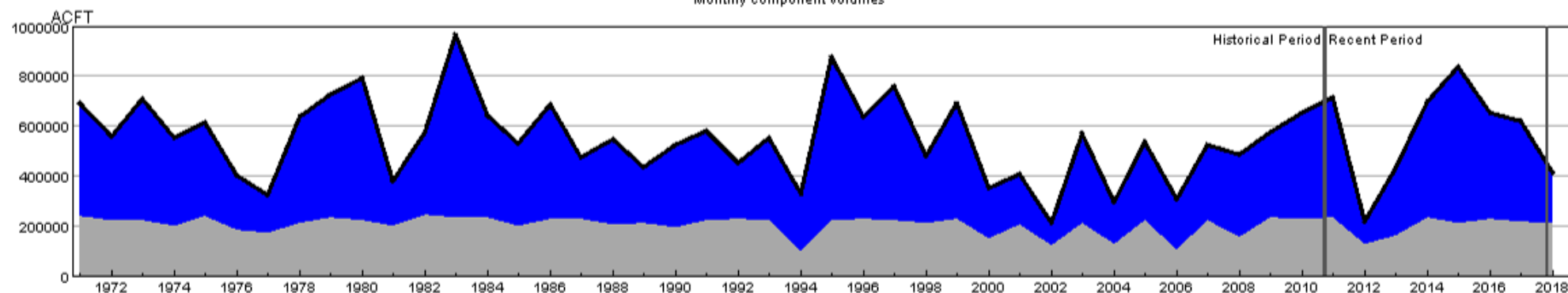
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HUC 10190012 (Middle South Platte-Sterling) Surface Water Supply - JUL

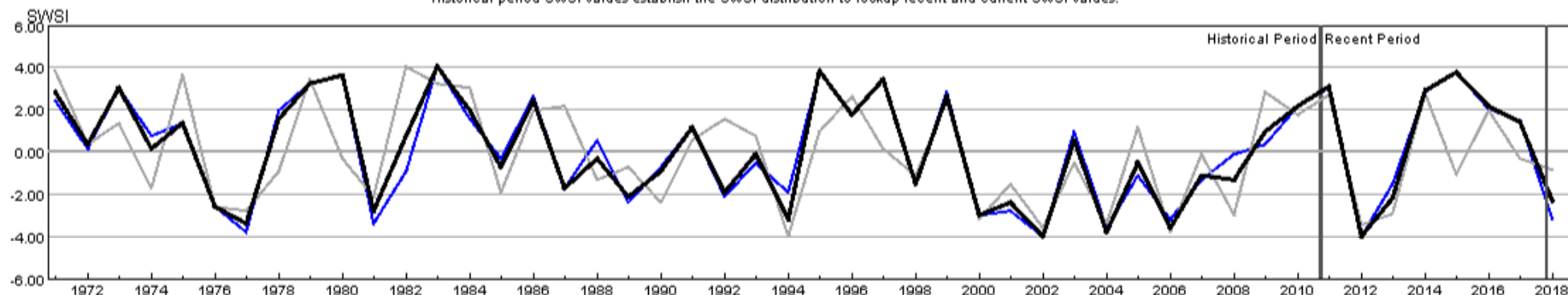
Monthly component volumes



HUC:10190012-JUL-DataComposite
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HUC 10190012 (Middle South Platte-Sterling) SWSI Values - JUL

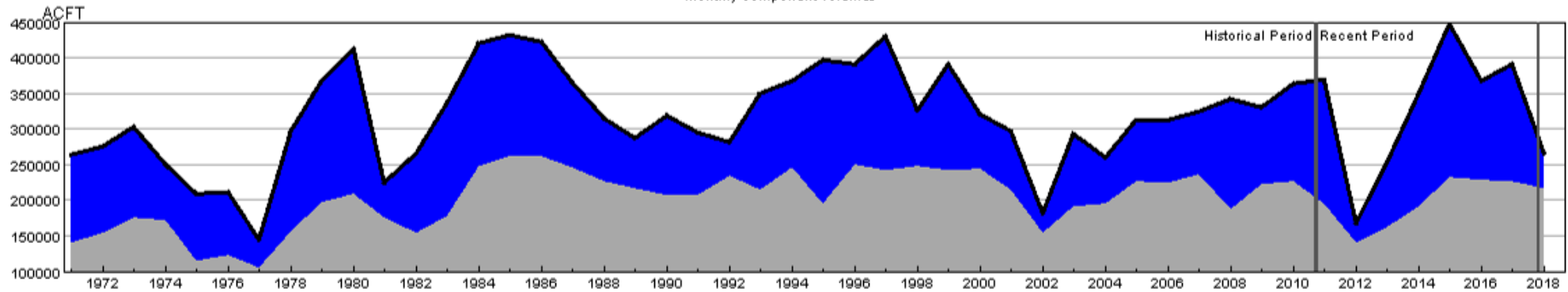
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HUC 11020001 (Arkansas Headwaters) Surface Water Supply - JUL

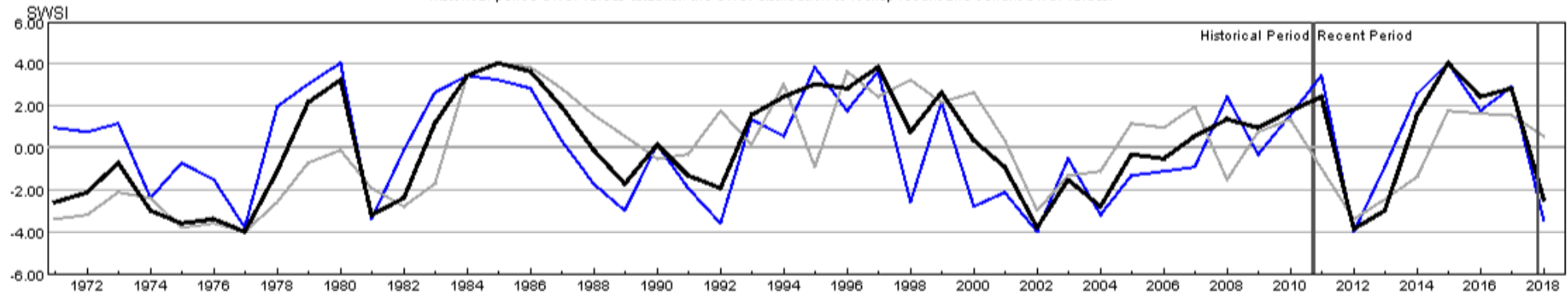
Monthly component volumes



HUC:11020001-JUL-DataComposite
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HUC 11020001 (Arkansas Headwaters) SWSI Values - JUL

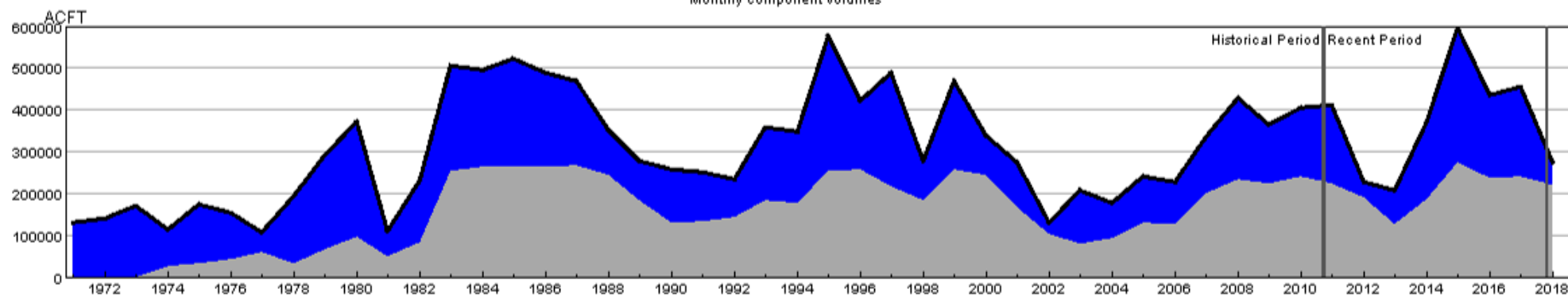
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:11020001-JUL-PrevMoStreamflow-SWSI
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HUC 11020002 (Upper Arkansas) Surface Water Supply - JUL

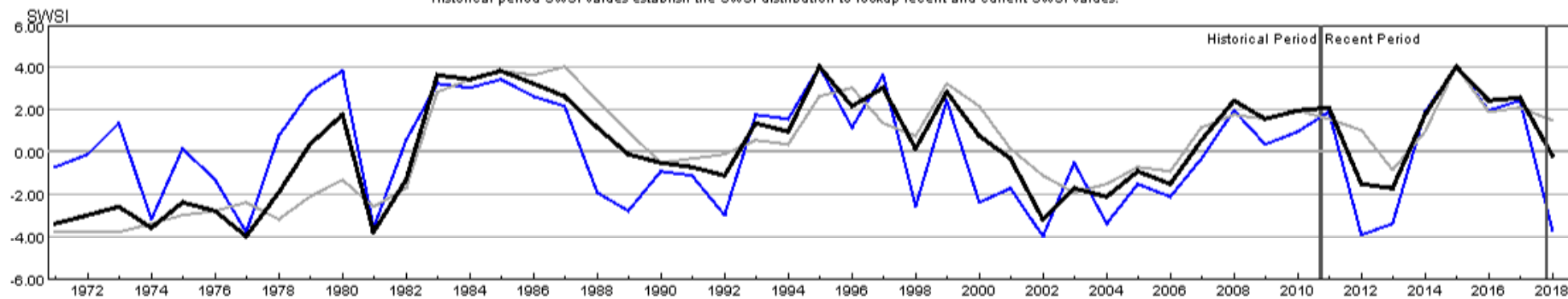
Monthly component volumes



HUC:11020002-JUL-DataComposite
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HUC 11020002 (Upper Arkansas) SWSI Values - JUL

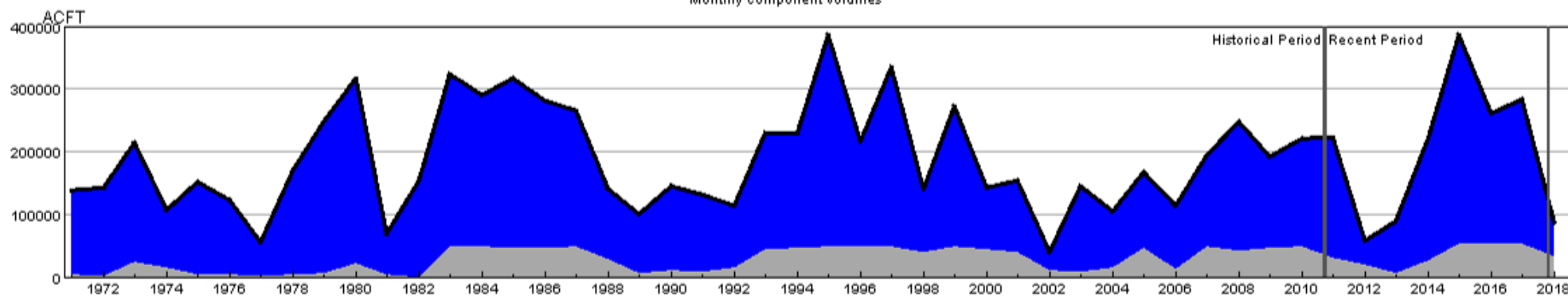
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:11020002-JUL-PrevMoStreamflow-SWSI
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 HUC:11020002-JUL-DataComposite-SWSI

HUC 11020005 (Upper Arkansas-Lake Meredith) Surface Water Supply - JUL

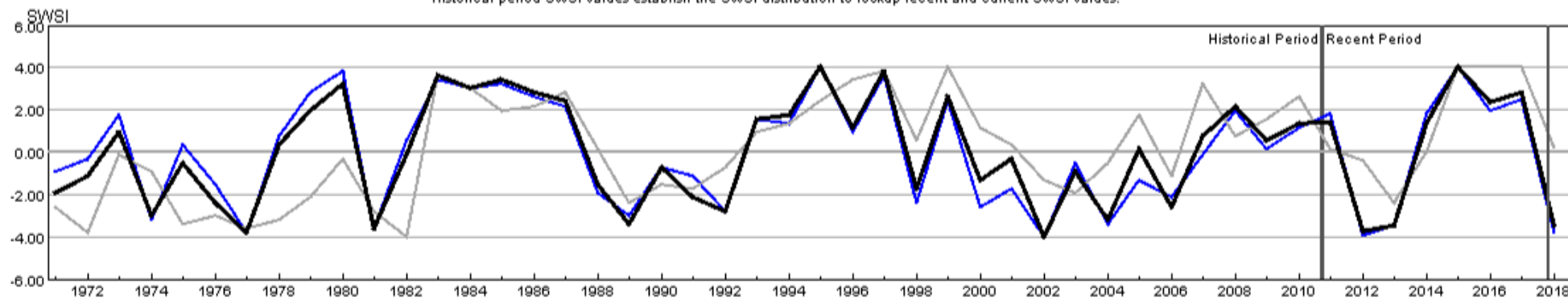
Monthly component volumes



HUC:11020005-JUL-DataComposite
 HUC:11020005-JUL-PrevMoStreamflow
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HUC 11020005 (Upper Arkansas-Lake Meredith) SWSI Values - JUL

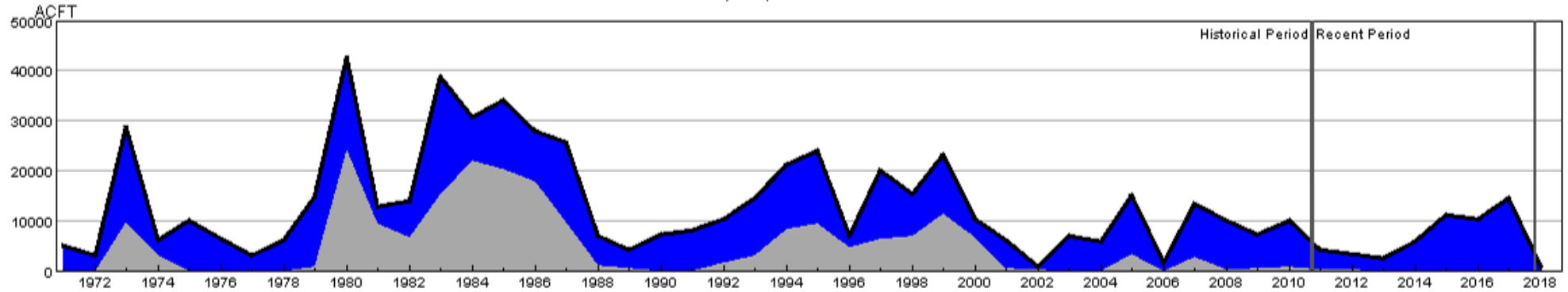
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:11020005-JUL-PrevMoStreamflow-SWSI
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 HUC:11020005-JUL-ReservoirStorage-SWSI
 HUC:11020005-JUL-DataComposite-SWSI

HUC 11020006 (Huerfano) Surface Water Supply - JUL

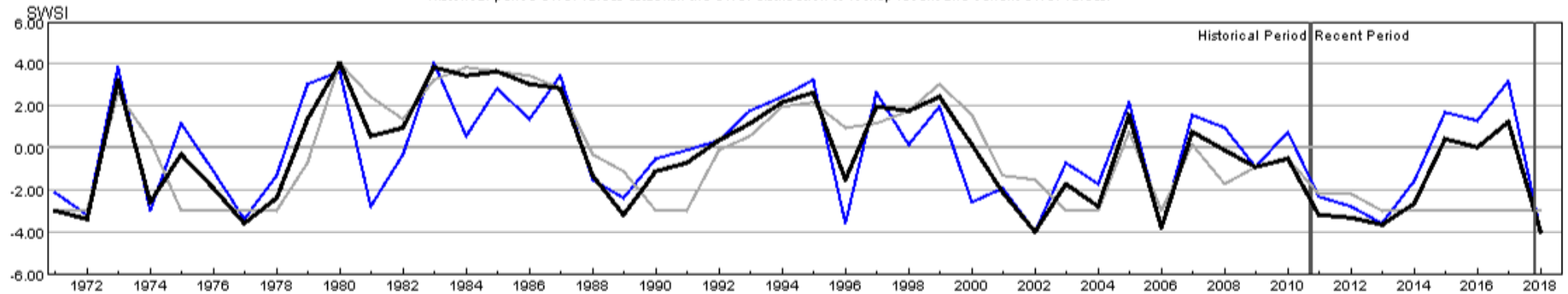
Monthly component volumes



HUC:11020006-JUL-DataComposite
 HUC:11020006-JUL-PrevMoStreamflow
 HUC:11020006-JUL-ForecastedRunoff
 HUC:11020006-JUL-ReservoirStorage

HUC 11020006 (Huerfano) SWSI Values - JUL

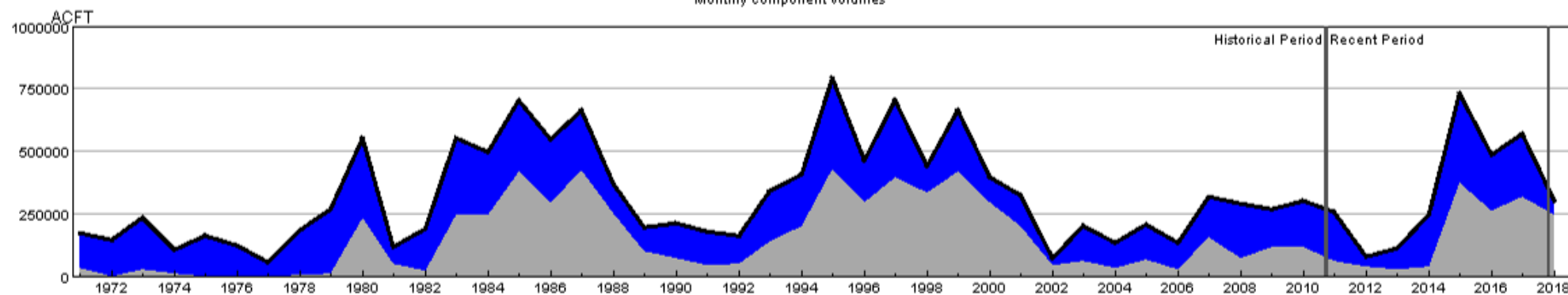
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:11020006-JUL-PrevMoStreamflow-SWSI
 HUC:11020006-JUL-ForecastedRunoff-SWSI
 HUC:11020006-JUL-ReservoirStorage-SWSI
 HUC:11020006-JUL-DataComposite-SWSI

HUC 11020009 (Upper Arkansas-John Martin Reservoir) Surface Water Supply - JUL

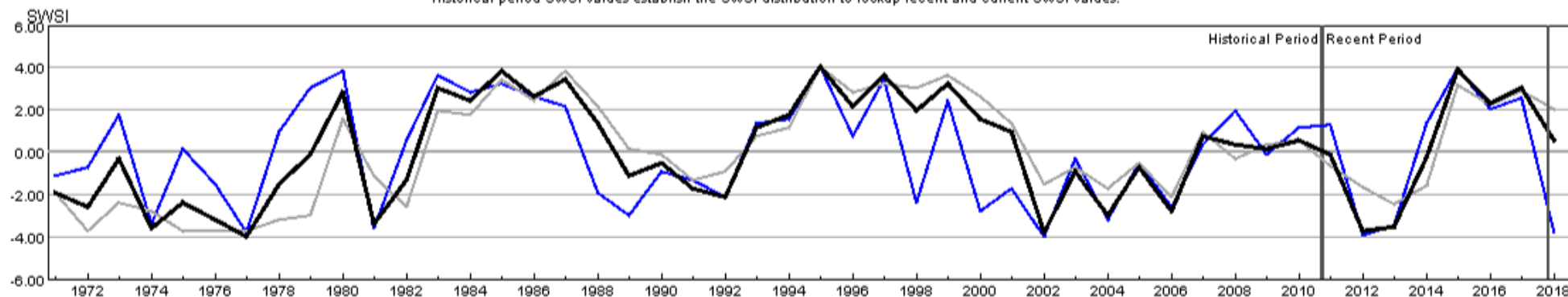
Monthly component volumes



HUC:11020009-JUL-DataComposite
 HUC:11020009-JUL-PrevMoStreamflow
 HUC:11020009-JUL-ForecastedRunoff
 HUC:11020009-JUL-ReservoirStorage

HUC 11020009 (Upper Arkansas-John Martin Reservoir) SWSI Values - JUL

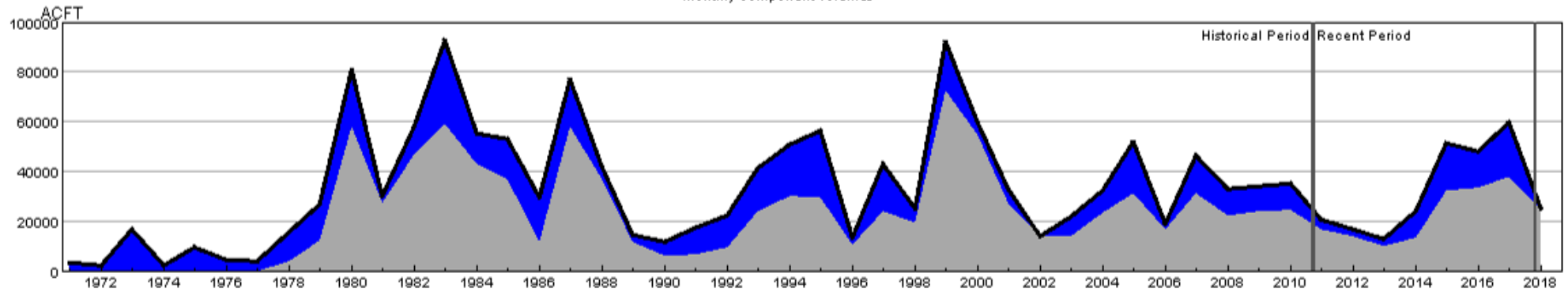
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:11020009-JUL-PrevMoStreamflow-SWSI
 HUC:11020009-JUL-ForecastedRunoff-SWSI
 HUC:11020009-JUL-ReservoirStorage-SWSI
 HUC:11020009-JUL-DataComposite-SWSI

HUC 11020010 (Purgatoire) Surface Water Supply - JUL

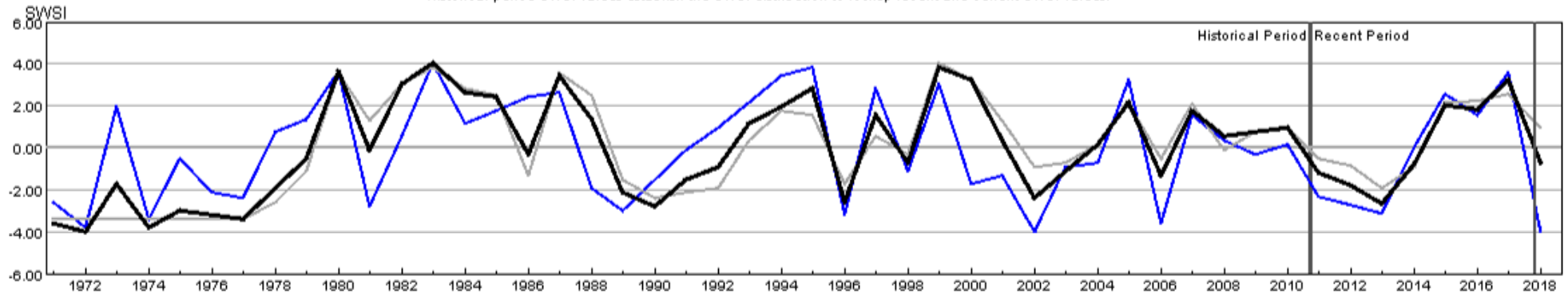
Monthly component volumes



HUC:11020010-JUL-DataComposite
 HUC:11020010-JUL-PrevMoStreamflow
 HUC:11020010-JUL-ForecastedRunoff
 HUC:11020010-JUL-ReservoirStorage

HUC 11020010 (Purgatoire) SWSI Values - JUL

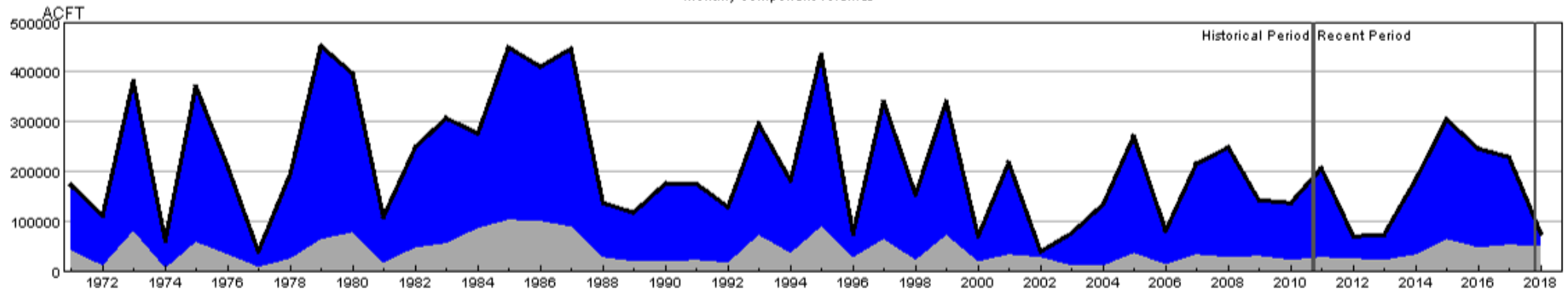
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:11020010-JUL-PrevMoStreamflow-SWSI
 HUC:11020010-JUL-ForecastedRunoff-SWSI
 HUC:11020010-JUL-ReservoirStorage-SWSI
 HUC:11020010-JUL-DataComposite-SWSI

HUC 13010001 (Rio Grande Headwaters) Surface Water Supply - JUL

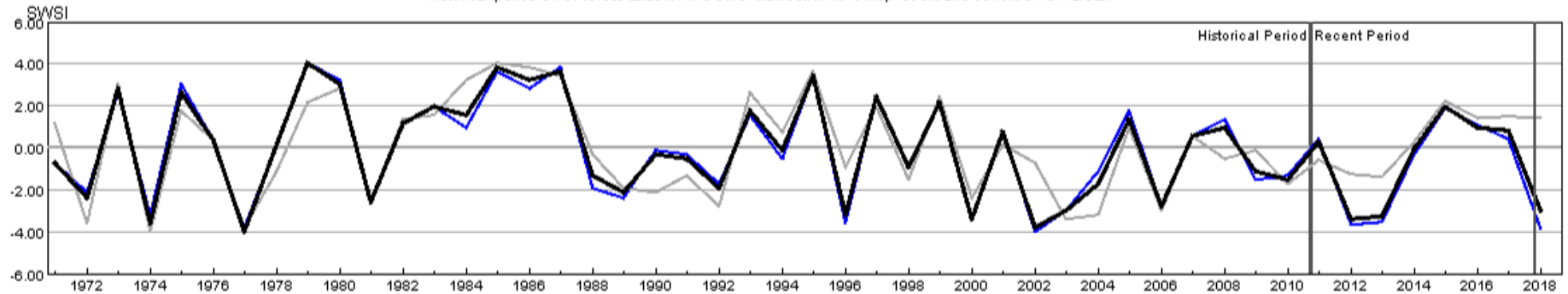
Monthly component volumes



HUC:13010001-JUL-DataComposite
 HUC:13010001-JUL-PrevMoStreamflow
 HUC:13010001-JUL-ForecastedRunoff
 HUC:13010001-JUL-ReservoirStorage

HUC 13010001 (Rio Grande Headwaters) SWSI Values - JUL

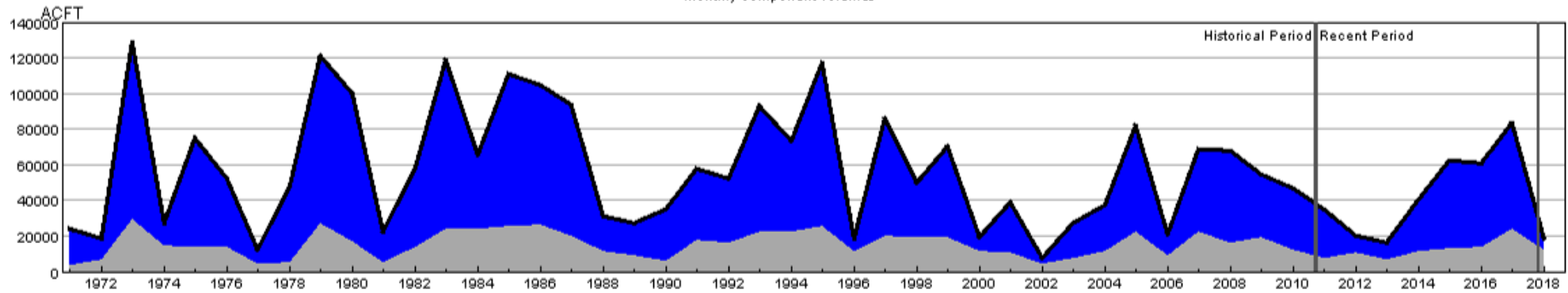
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:13010001-JUL-PrevMoStreamflow-SWSI
 HUC:13010001-JUL-ForecastedRunoff-SWSI
 HUC:13010001-JUL-ReservoirStorage-SWSI
 HUC:13010001-JUL-DataComposite-SWSI

HUC 13010002 (Alamosa-Trinchera) Surface Water Supply - JUL

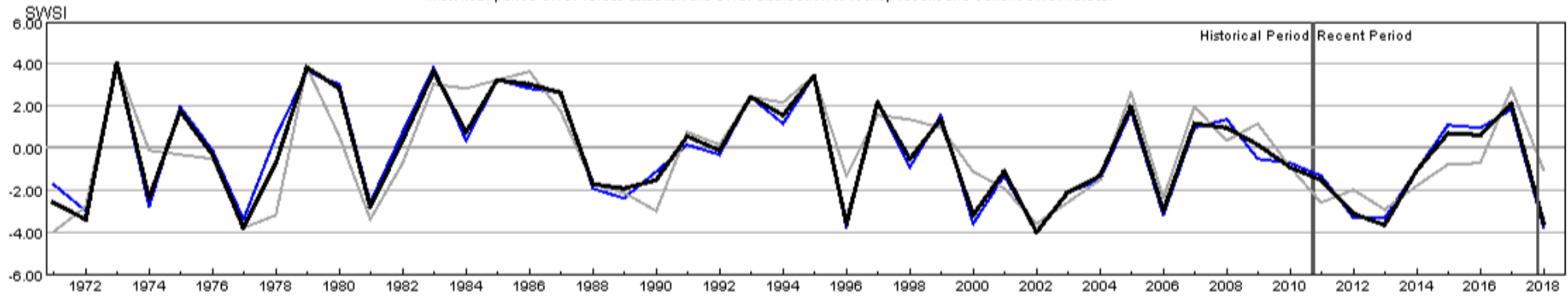
Monthly component volumes



HUC:13010002-JUL-DataComposite
 HUC:13010002-JUL-PrevMoStreamflow
 HUC:13010002-JUL-ForecastedRunoff
 HUC:13010002-JUL-ReservoirStorage

HUC 13010002 (Alamosa-Trinchera) SWSI Values - JUL

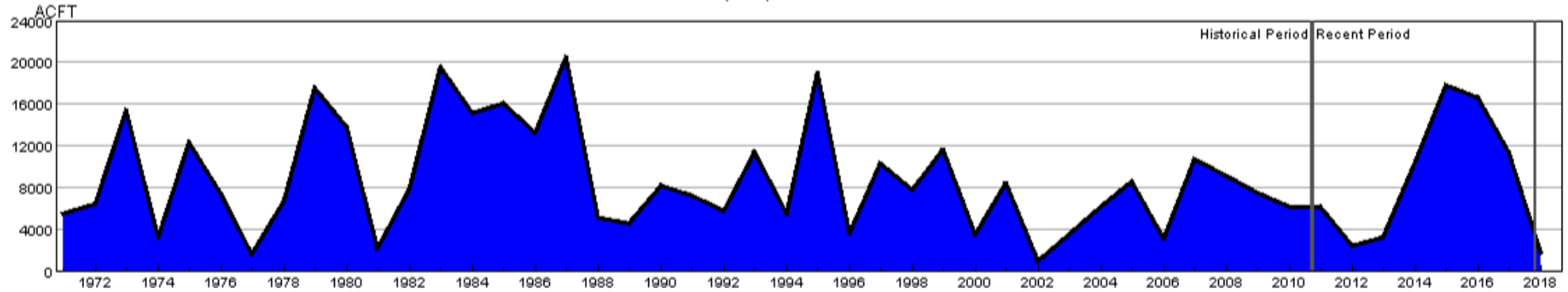
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:13010002-JUL-PrevMoStreamflow-SWSI
 HUC:13010002-JUL-ForecastedRunoff-SWSI
 HUC:13010002-JUL-ReservoirStorage-SWSI
 HUC:13010002-JUL-DataComposite-SWSI

HUC 13010004 (Saguache) Surface Water Supply - JUL

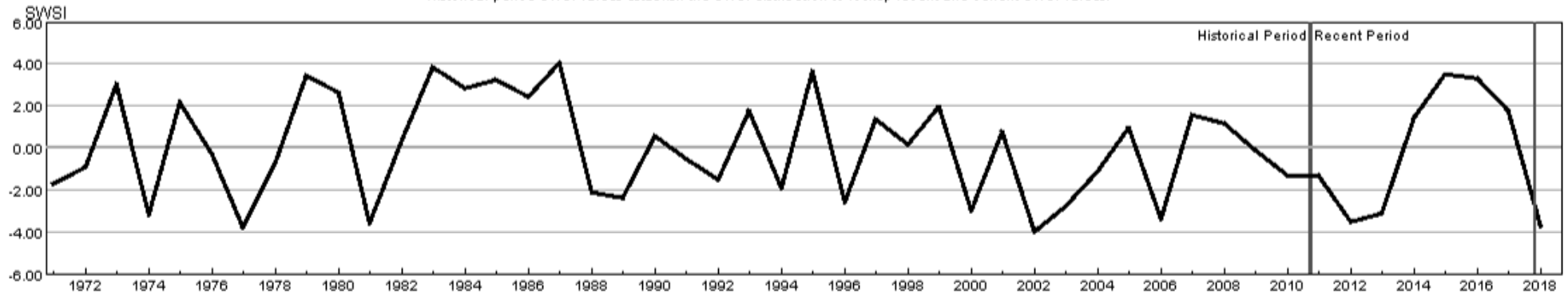
Monthly component volumes



HUC:13010004-JUL-DataComposite
 HUC:13010004-JUL-PrevMoStreamflow
 HUC:13010004-JUL-ForecastedRunoff
 HUC:13010004-JUL-ReservoirStorage

HUC 13010004 (Saguache) SWSI Values - JUL

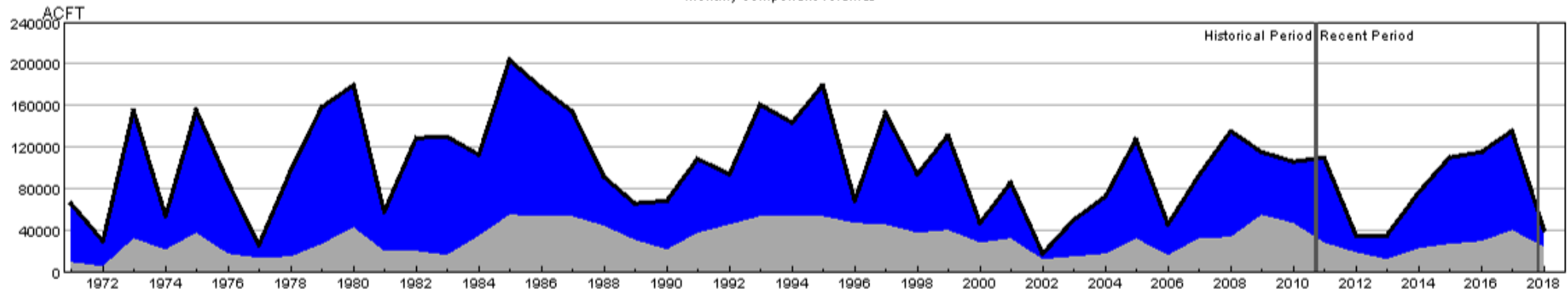
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:13010004-JUL-PrevMoStreamflow-SWSI
 HUC:13010004-JUL-ForecastedRunoff-SWSI
 HUC:13010004-JUL-ReservoirStorage-SWSI
 HUC:13010004-JUL-DataComposite-SWSI

HUC 13010005 (Conejos) Surface Water Supply - JUL

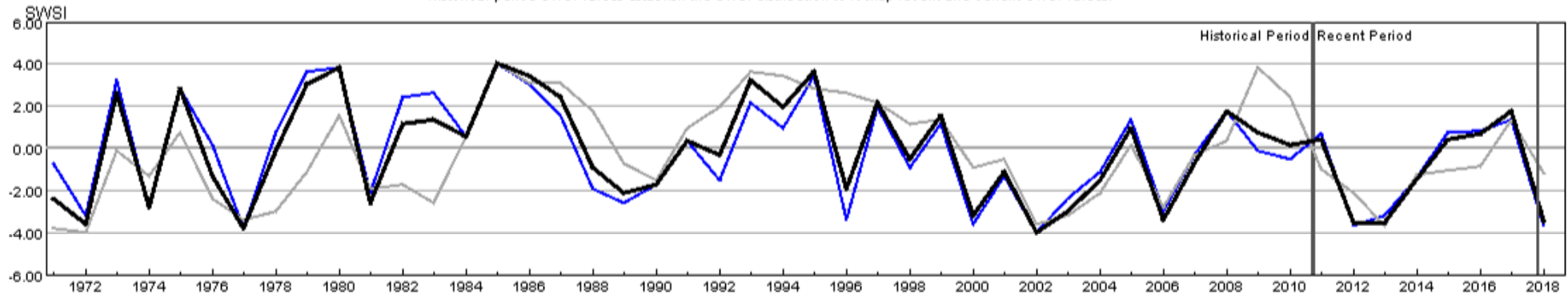
Monthly component volumes



HUC:13010005-JUL-DataComposite
 HUC:13010005-JUL-PrevMoStreamflow
 HUC:13010005-JUL-ForecastedRunoff
 HUC:13010005-JUL-ReservoirStorage

HUC 13010005 (Conejos) SWSI Values - JUL

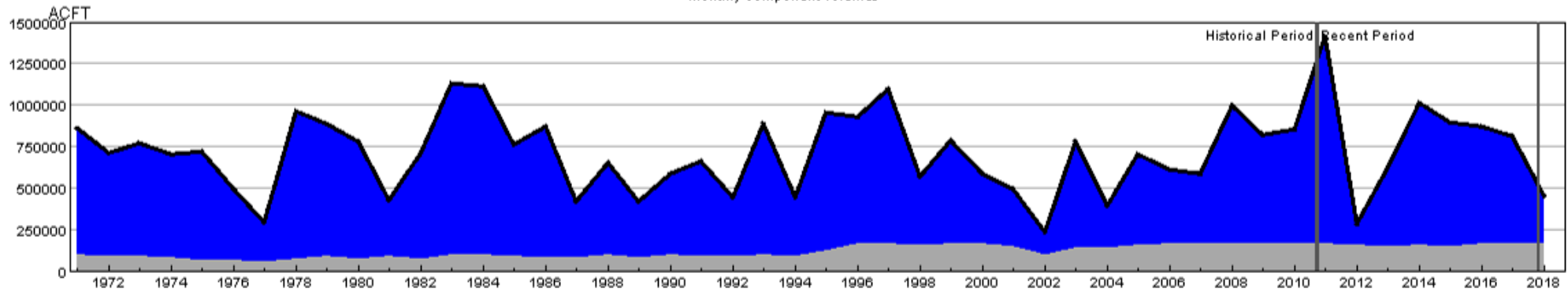
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:13010005-JUL-PrevMoStreamflow-SWSI
 HUC:13010005-JUL-ForecastedRunoff-SWSI
 HUC:13010005-JUL-ReservoirStorage-SWSI
 HUC:13010005-JUL-DataComposite-SWSI

HUC 14010001 (Colorado Headwaters) Surface Water Supply - JUL

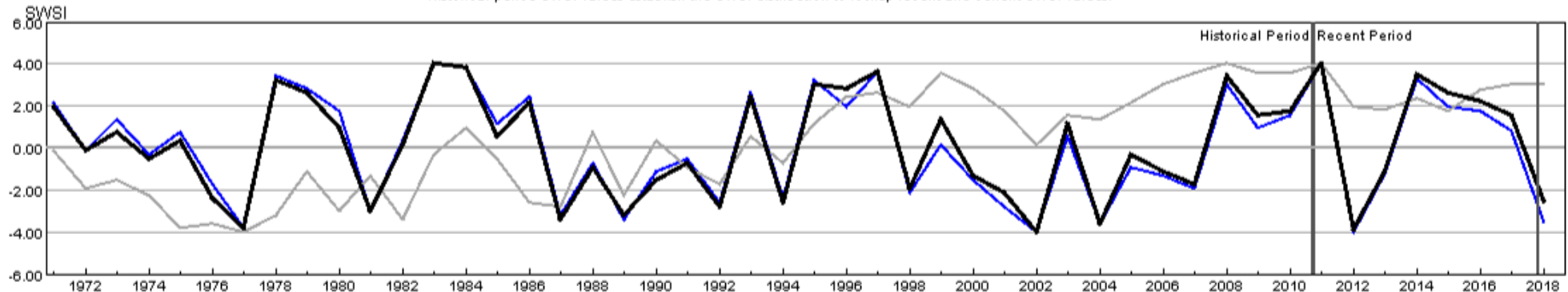
Monthly component volumes



HUC:14010001-JUL-DataComposite
 HUC:14010001-JUL-PrevMoStreamflow
 HUC:14010001-JUL-ForecastedRunoff
 HUC:14010001-JUL-ReservoirStorage

HUC 14010001 (Colorado Headwaters) SWSI Values - JUL

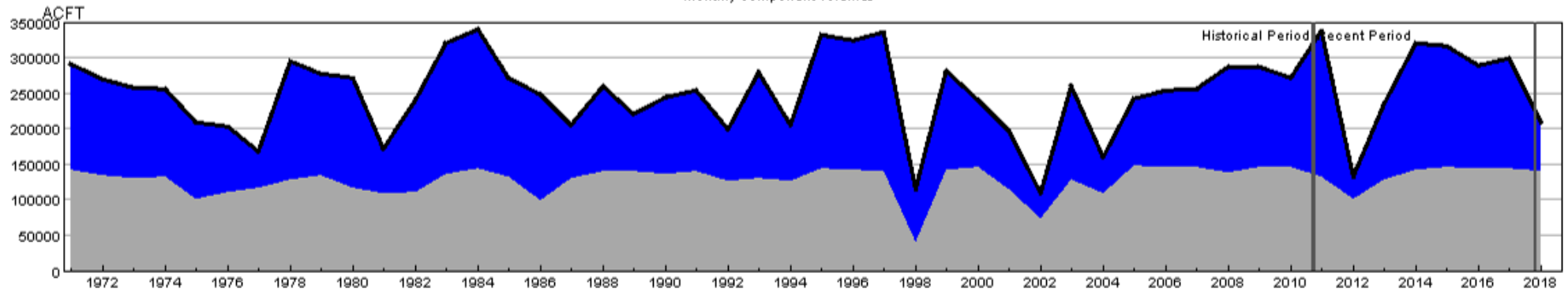
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14010001-JUL-PrevMoStreamflow-SWSI
 HUC:14010001-JUL-ForecastedRunoff-SWSI
 HUC:14010001-JUL-ReservoirStorage-SWSI
 HUC:14010001-JUL-DataComposite-SWSI

HUC 14010002 (Blue) Surface Water Supply - JUL

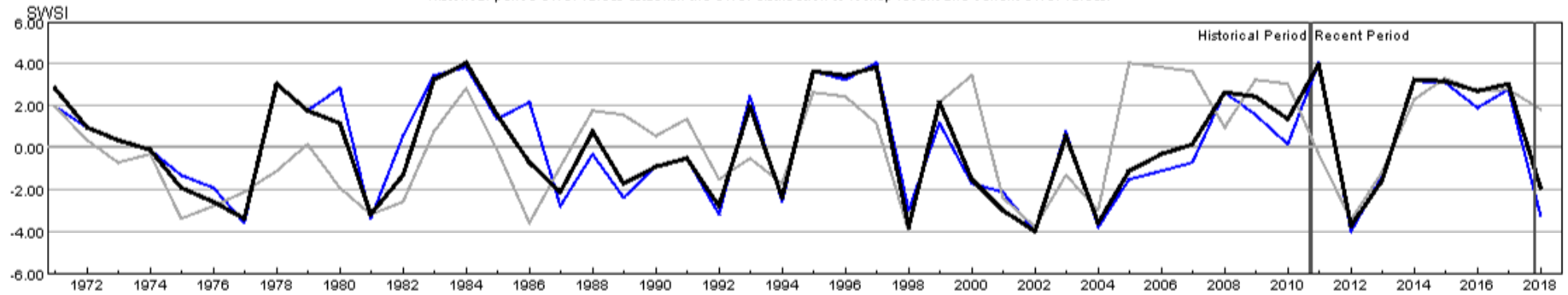
Monthly component volumes



HUC:14010002-JUL-DataComposite
 HUC:14010002-JUL-PrevMoStreamflow
 HUC:14010002-JUL-ForecastedRunoff
 HUC:14010002-JUL-ReservoirStorage

HUC 14010002 (Blue) SWSI Values - JUL

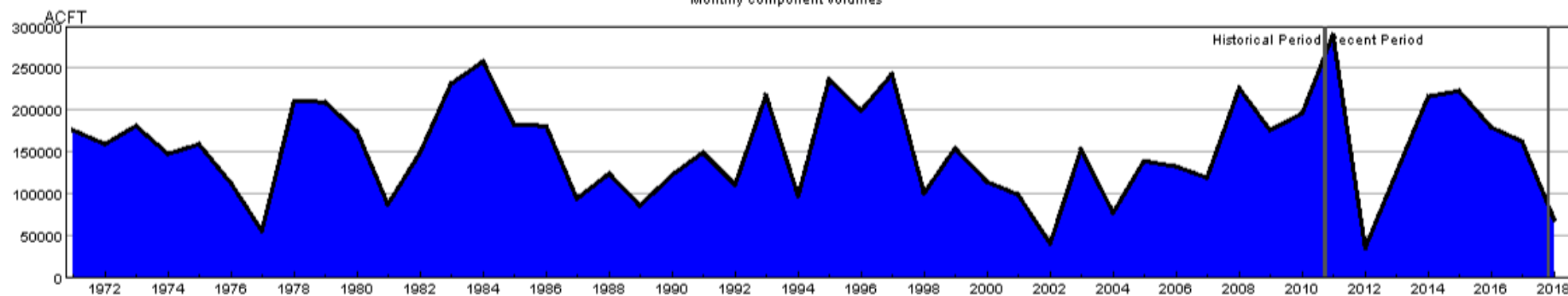
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14010002-JUL-PrevMoStreamflow-SWSI
 HUC:14010002-JUL-ForecastedRunoff-SWSI
 HUC:14010002-JUL-ReservoirStorage-SWSI
 HUC:14010002-JUL-DataComposite-SWSI

HUC 14010003 (Eagle) Surface Water Supply - JUL

Monthly component volumes



HUC:14010003-JUL-DataComposite
 HUC:14010003-JUL-PrevMoStreamflow
 HUC:14010003-JUL-ForecastedRunoff
 HUC:14010003-JUL-ReservoirStorage

HUC 14010003 (Eagle) SWSI Values - JUL

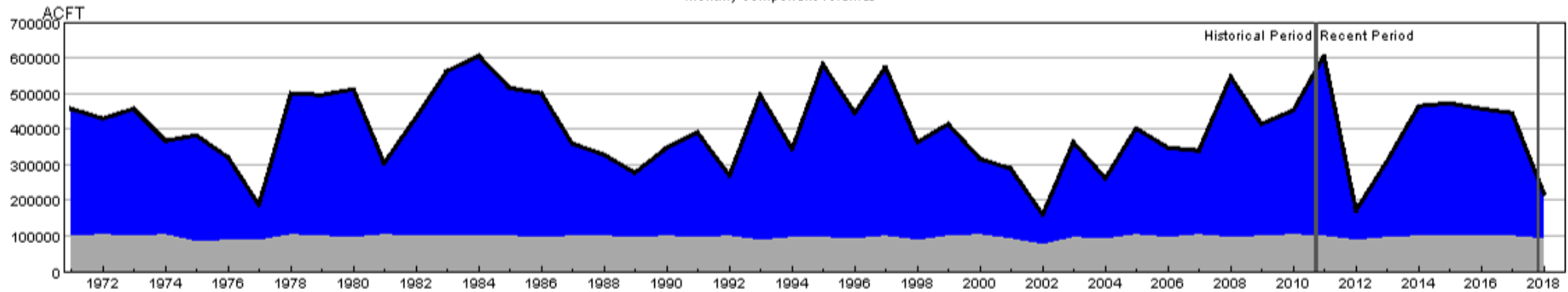
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14010003-JUL-PrevMoStreamflow-SWSI
 HUC:14010003-JUL-ForecastedRunoff-SWSI
 HUC:14010003-JUL-ReservoirStorage-SWSI
 HUC:14010003-JUL-DataComposite-SWSI

HUC 14010004 (Roaring Fork) Surface Water Supply - JUL

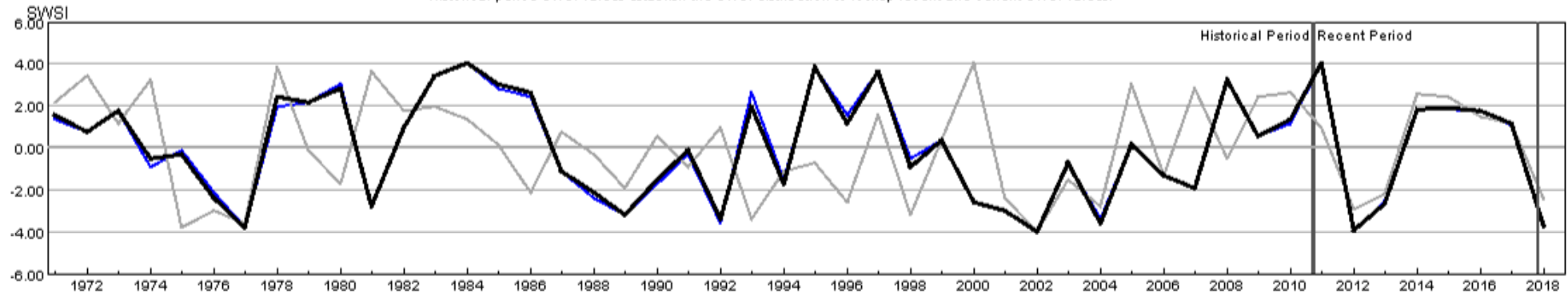
Monthly component volumes



HUC:14010004-JUL-DataComposite
 HUC:14010004-JUL-PrevMoStreamflow
 HUC:14010004-JUL-ForecastedRunoff
 HUC:14010004-JUL-ReservoirStorage

HUC 14010004 (Roaring Fork) SWSI Values - JUL

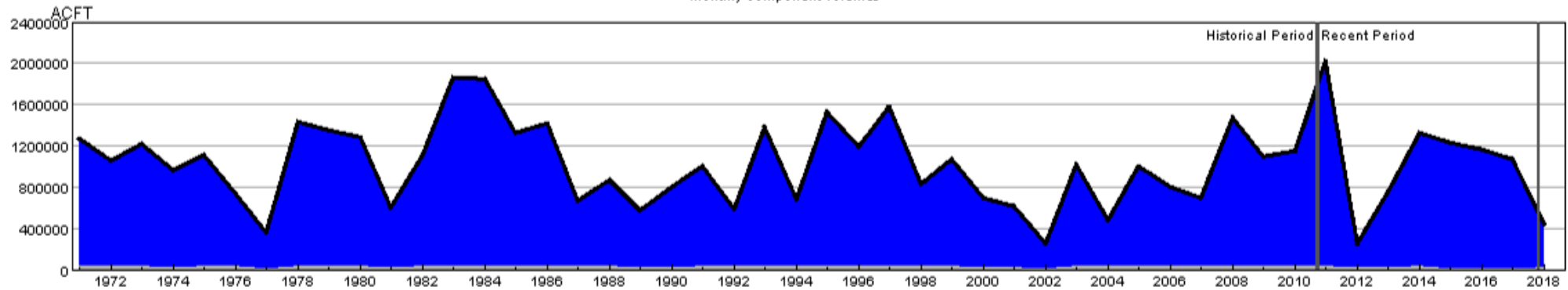
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14010004-JUL-PrevMoStreamflow-SWSI
 HUC:14010004-JUL-ForecastedRunoff-SWSI
 HUC:14010004-JUL-ReservoirStorage-SWSI
 HUC:14010004-JUL-DataComposite-SWSI

HUC 14010005 (Colorado Headwaters-Plateau) Surface Water Supply - JUL

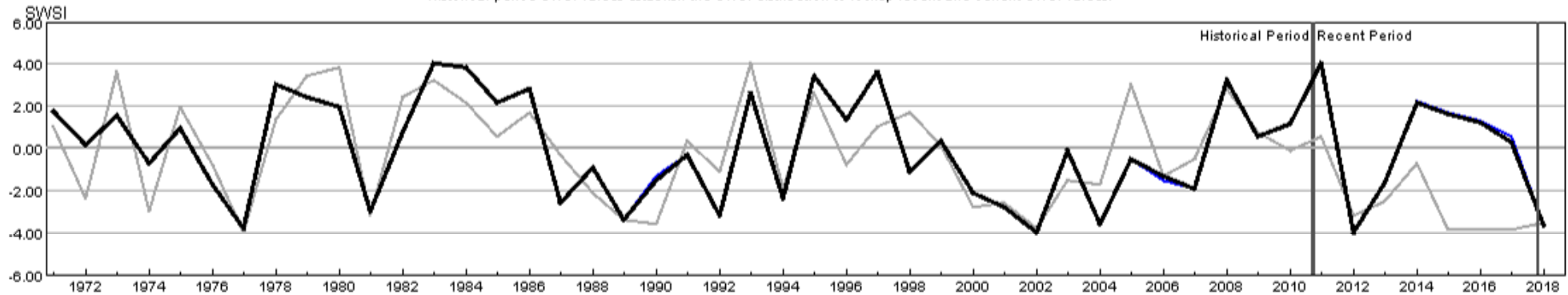
Monthly component volumes



HUC:14010005-JUL-DataComposite
 HUC:14010005-JUL-PrevMoStreamflow
 HUC:14010005-JUL-ForecastedRunoff
 HUC:14010005-JUL-ReservoirStorage

HUC 14010005 (Colorado Headwaters-Plateau) SWSI Values - JUL

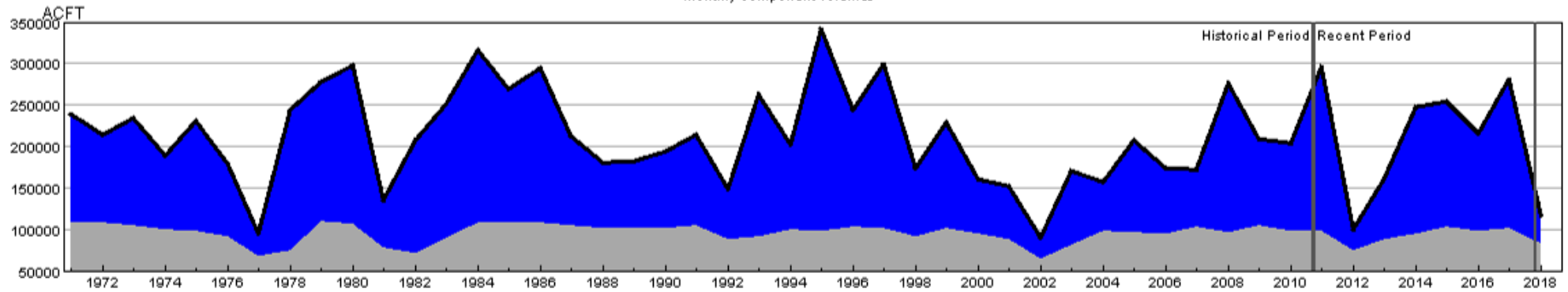
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14010005-JUL-PrevMoStreamflow-SWSI
 HUC:14010005-JUL-ForecastedRunoff-SWSI
 HUC:14010005-JUL-ReservoirStorage-SWSI
 HUC:14010005-JUL-DataComposite-SWSI

HUC 14020001 (East-Taylor) Surface Water Supply - JUL

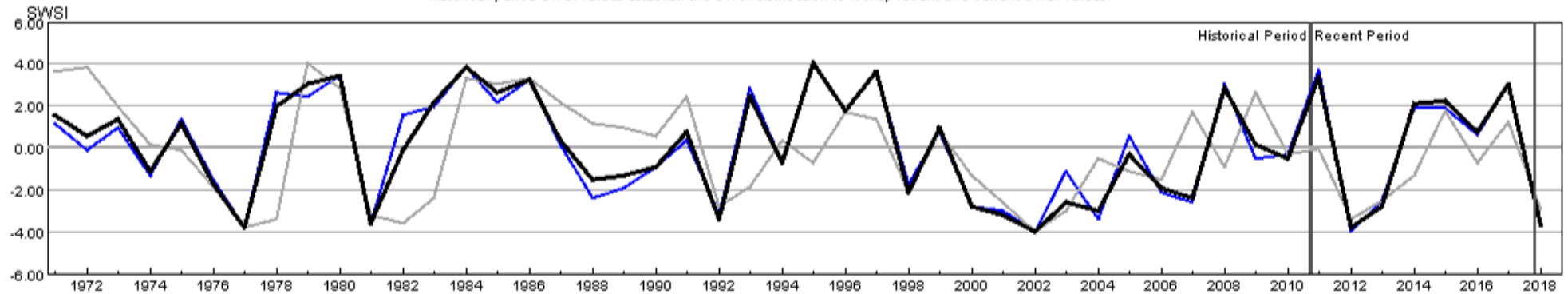
Monthly component volumes



HUC:14020001-JUL-DataComposite
 HUC:14020001-JUL-PrevMoStreamflow
 HUC:14020001-JUL-ForecastedRunoff
 HUC:14020001-JUL-ReservoirStorage

HUC 14020001 (East-Taylor) SWSI Values - JUL

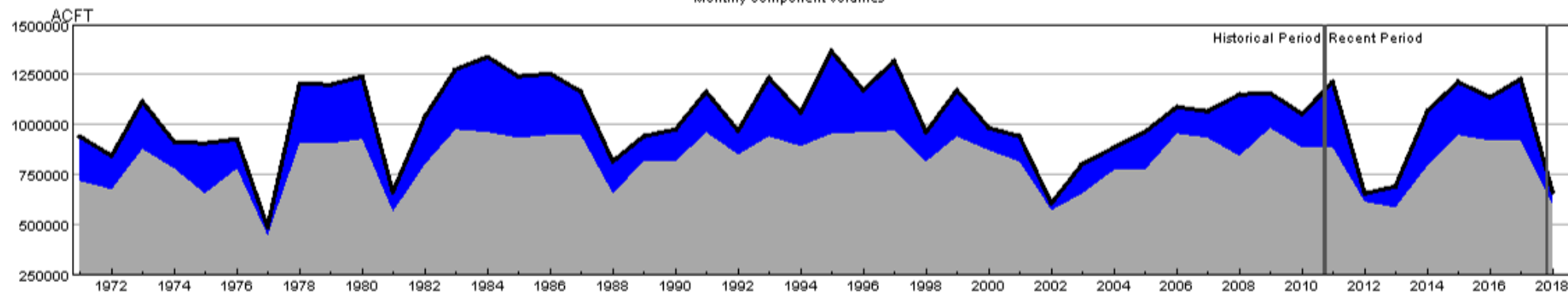
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14020001-JUL-PrevMoStreamflow-SWSI
 HUC:14020001-JUL-ForecastedRunoff-SWSI
 HUC:14020001-JUL-ReservoirStorage-SWSI
 HUC:14020001-JUL-DataComposite-SWSI

HUC 14020002 (Upper Gunnison) Surface Water Supply - JUL

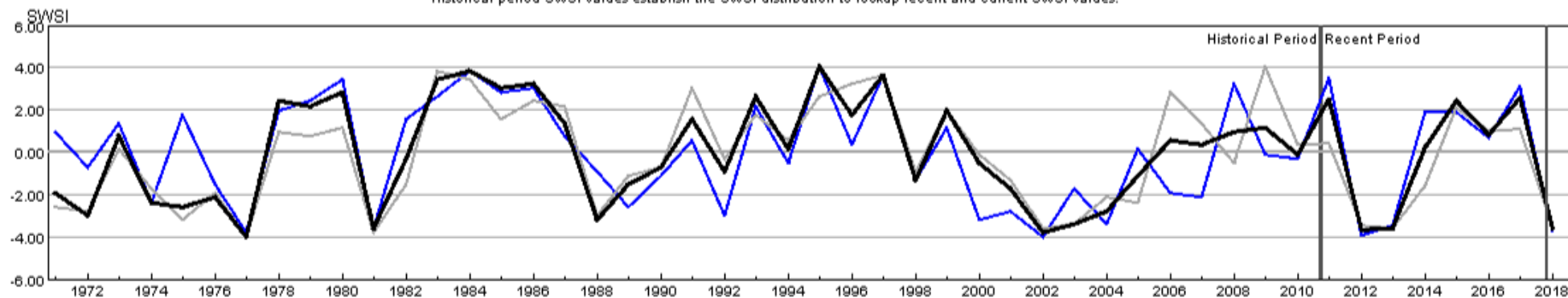
Monthly component volumes



HUC:14020002-JUL-DataComposite
 HUC:14020002-JUL-PrevMoStreamflow
 HUC:14020002-JUL-ForecastedRunoff
 HUC:14020002-JUL-ReservoirStorage

HUC 14020002 (Upper Gunnison) SWSI Values - JUL

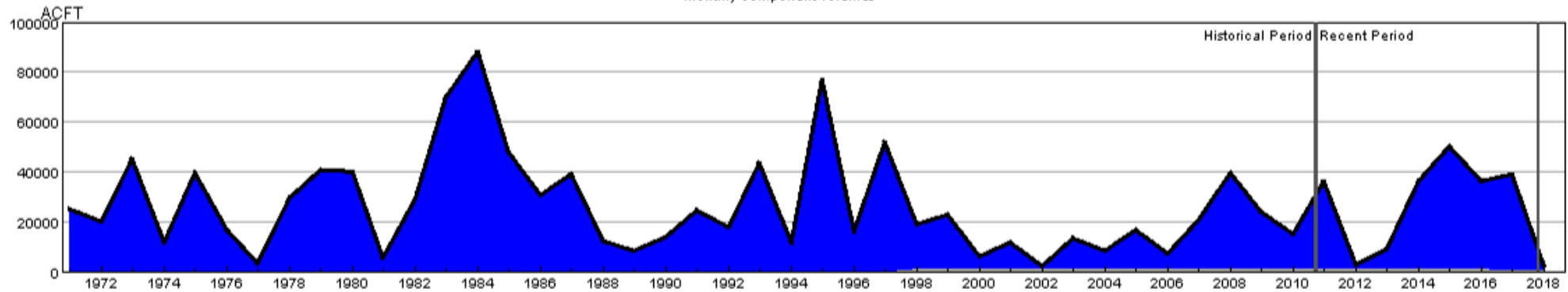
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14020002-JUL-PrevMoStreamflow-SWSI
 HUC:14020002-JUL-ForecastedRunoff-SWSI
 HUC:14020002-JUL-ReservoirStorage-SWSI
 HUC:14020002-JUL-DataComposite-SWSI

HUC 14020003 (Tomichi) Surface Water Supply - JUL

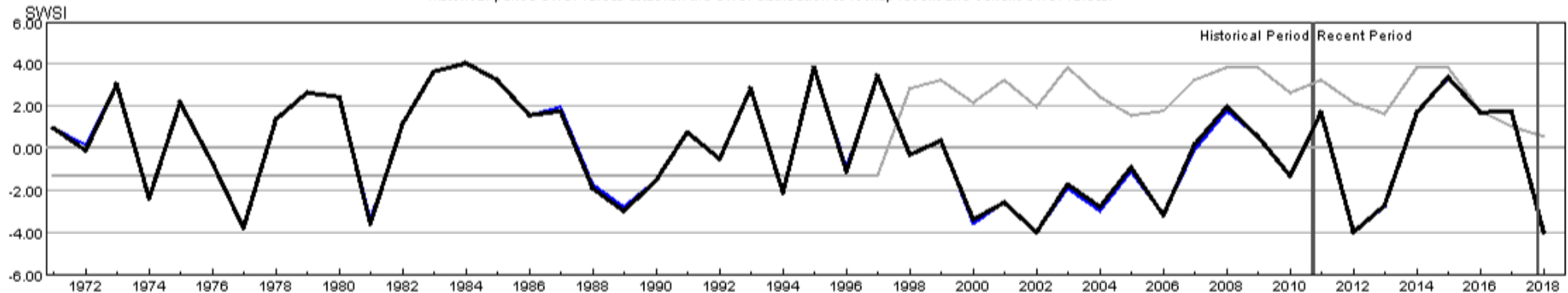
Monthly component volumes



HUC:14020003-JUL-DataComposite
 HUC:14020003-JUL-PrevMoStreamflow
 HUC:14020003-JUL-ForecastedRunoff
 HUC:14020003-JUL-ReservoirStorage

HUC 14020003 (Tomichi) SWSI Values - JUL

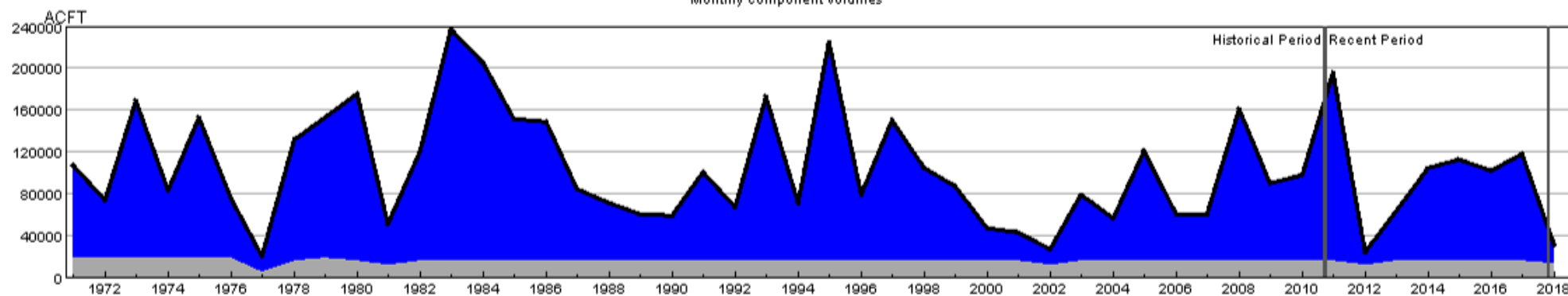
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14020003-JUL-PrevMoStreamflow-SWSI
 HUC:14020003-JUL-ForecastedRunoff-SWSI
 HUC:14020003-JUL-ReservoirStorage-SWSI
 HUC:14020003-JUL-DataComposite-SWSI

HUC 14020004 (North Fork Gunnison) Surface Water Supply - JUL

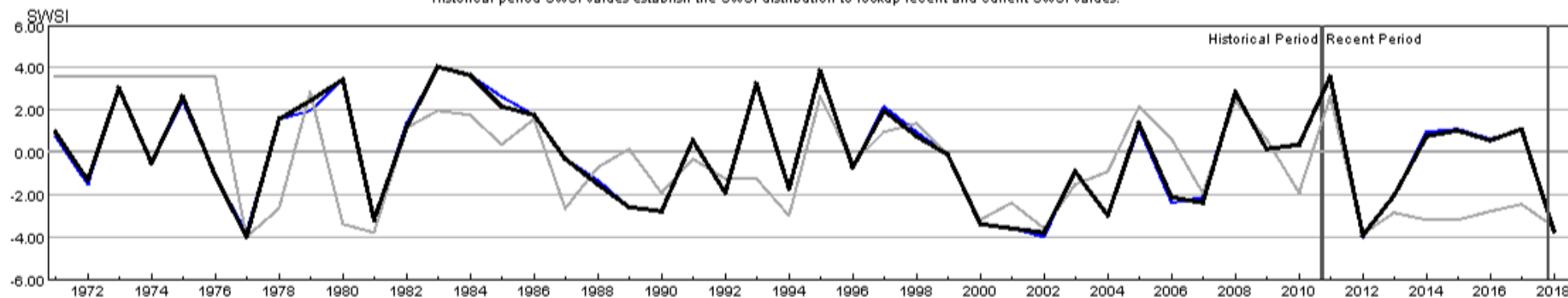
Monthly component volumes



HUC:14020004-JUL-DataComposite
 HUC:14020004-JUL-PrevMoStreamflow
 HUC:14020004-JUL-ForecastedRunoff
 HUC:14020004-JUL-ReservoirStorage

HUC 14020004 (North Fork Gunnison) SWSI Values - JUL

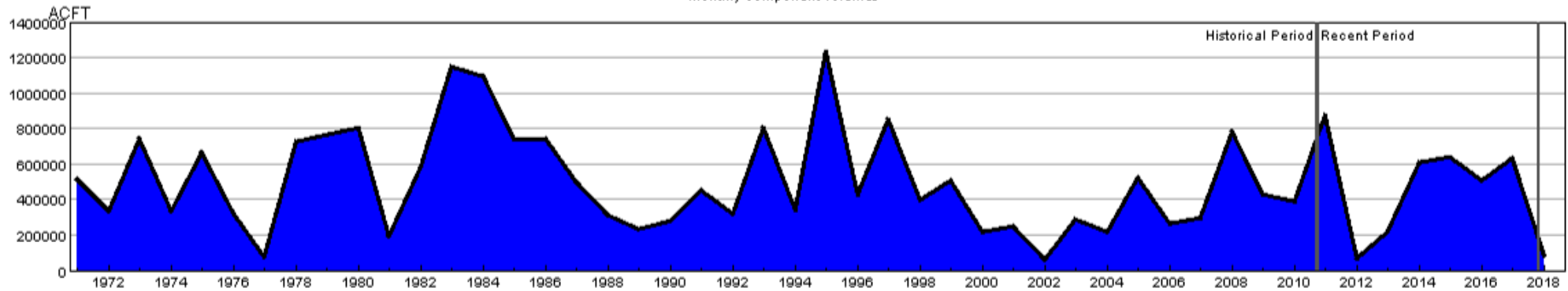
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14020004-JUL-PrevMoStreamflow-SWSI
 HUC:14020004-JUL-ForecastedRunoff-SWSI
 HUC:14020004-JUL-ReservoirStorage-SWSI
 HUC:14020004-JUL-DataComposite-SWSI

HUC 14020005 (Lower Gunnison) Surface Water Supply - JUL

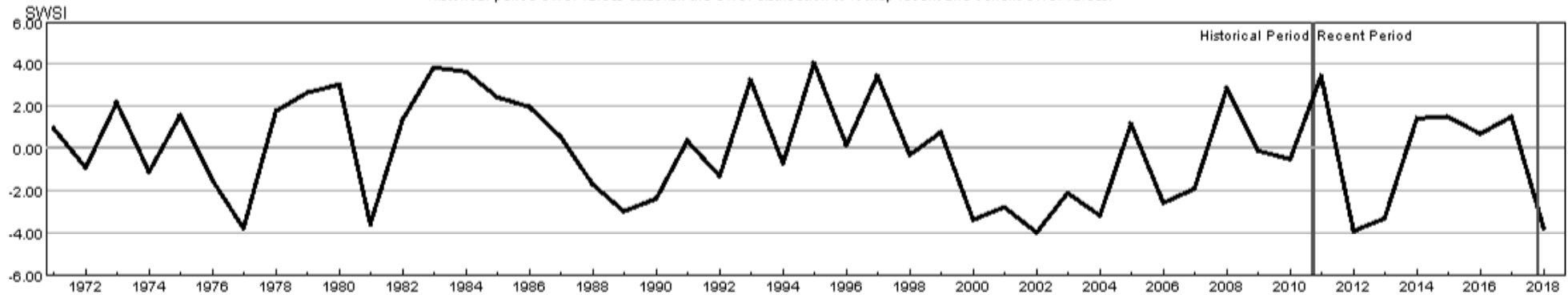
Monthly component volumes



HUC:14020005-JUL-DataComposite
 HUC:14020005-JUL-PrevMoStreamflow
 HUC:14020005-JUL-ReservoirStorage
 HUC:14020005-JUL-ForecastedRunoff

HUC 14020005 (Lower Gunnison) SWSI Values - JUL

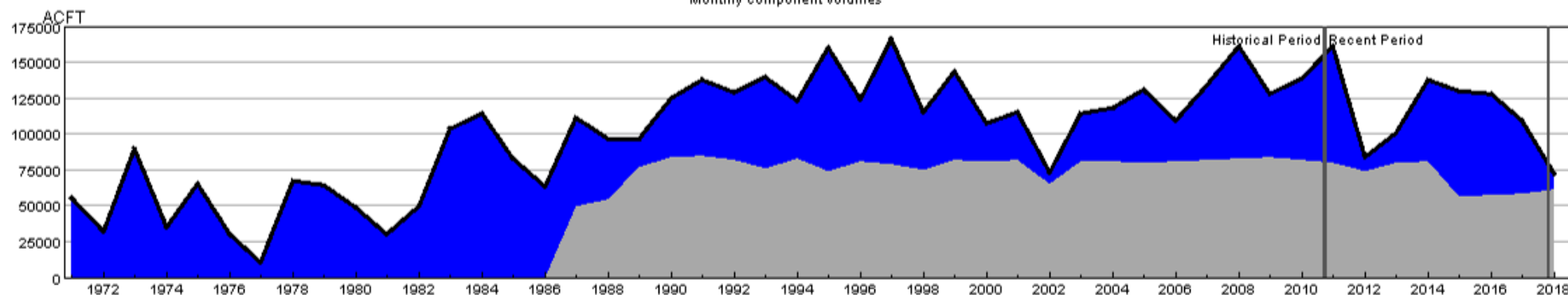
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14020005-JUL-PrevMoStreamflow-SWSI
 HUC:14020005-JUL-ForecastedRunoff-SWSI
 HUC:14020005-JUL-ReservoirStorage-SWSI
 HUC:14020005-JUL-DataComposite-SWSI

HUC 14020006 (Uncompahgre) Surface Water Supply - JUL

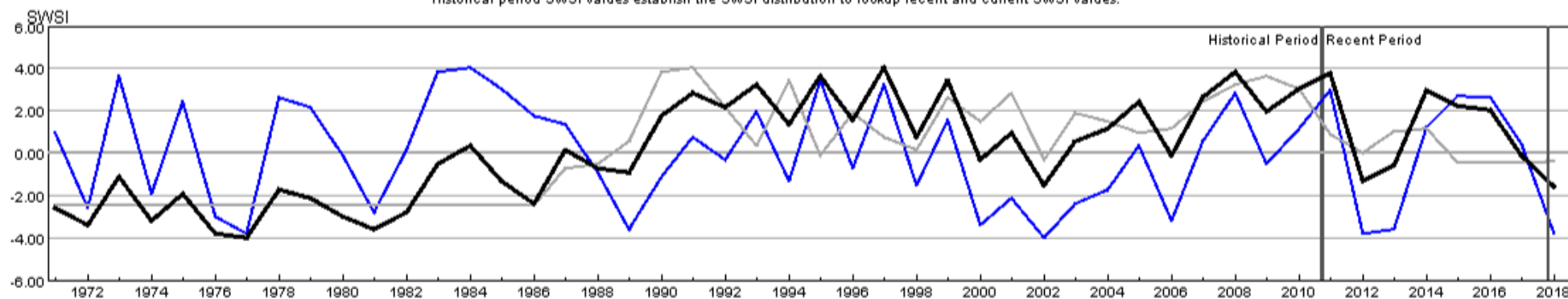
Monthly component volumes



HUC:14020006-JUL-DataComposite
 HUC:14020006-JUL-PrevMoStreamflow
 HUC:14020006-JUL-ForecastedRunoff
 HUC:14020006-JUL-ReservoirStorage

HUC 14020006 (Uncompahgre) SWSI Values - JUL

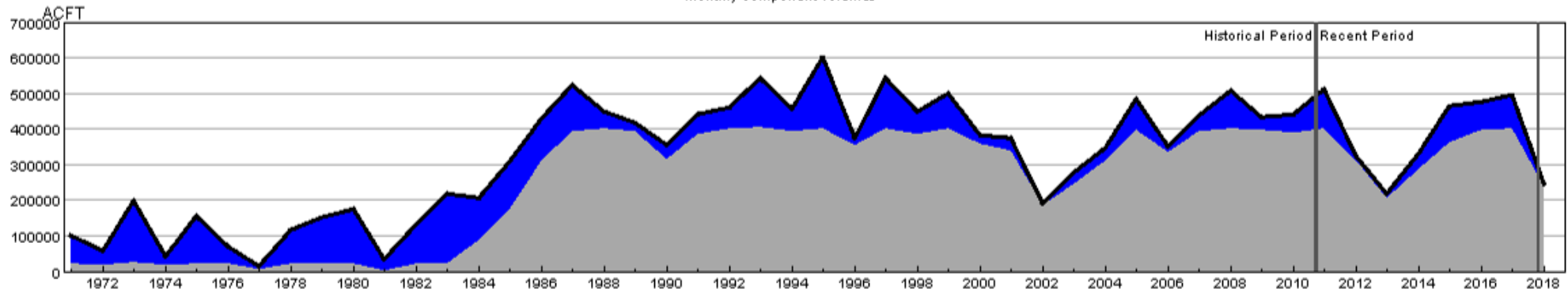
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14020006-JUL-PrevMoStreamflow-SWSI
 HUC:14020006-JUL-ForecastedRunoff-SWSI
 HUC:14020006-JUL-ReservoirStorage-SWSI
 HUC:14020006-JUL-DataComposite-SWSI

HUC 14030002 (Upper Dolores) Surface Water Supply - JUL

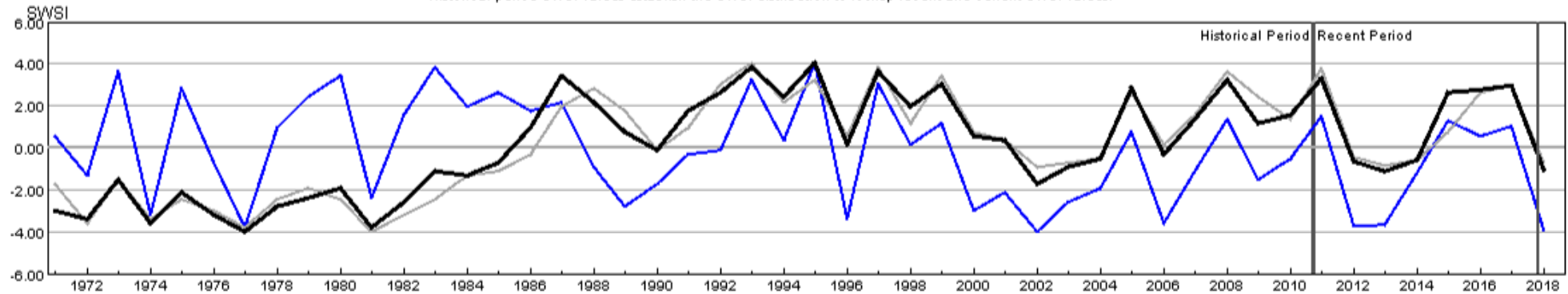
Monthly component volumes



HUC:14030002-JUL-DataComposite
 HUC:14030002-JUL-PrevMoStreamflow
 HUC:14030002-JUL-ForecastedRunoff
 HUC:14030002-JUL-ReservoirStorage

HUC 14030002 (Upper Dolores) SWSI Values - JUL

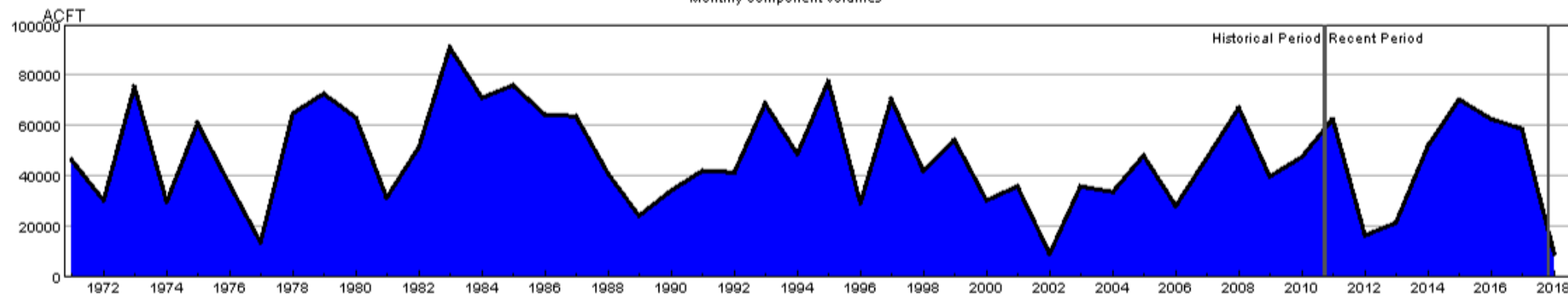
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14030002-JUL-PrevMoStreamflow-SWSI
 HUC:14030002-JUL-ForecastedRunoff-SWSI
 HUC:14030002-JUL-ReservoirStorage-SWSI
 HUC:14030002-JUL-DataComposite-SWSI

HUC 14030003 (San Miguel) Surface Water Supply - JUL

Monthly component volumes



HUC:14030003-JUL-DataComposite
 HUC:14030003-JUL-PrevMoStreamflow
 HUC:14030003-JUL-ForecastedRunoff
 HUC:14030003-JUL-ReservoirStorage

HUC 14030003 (San Miguel) SWSI Values - JUL

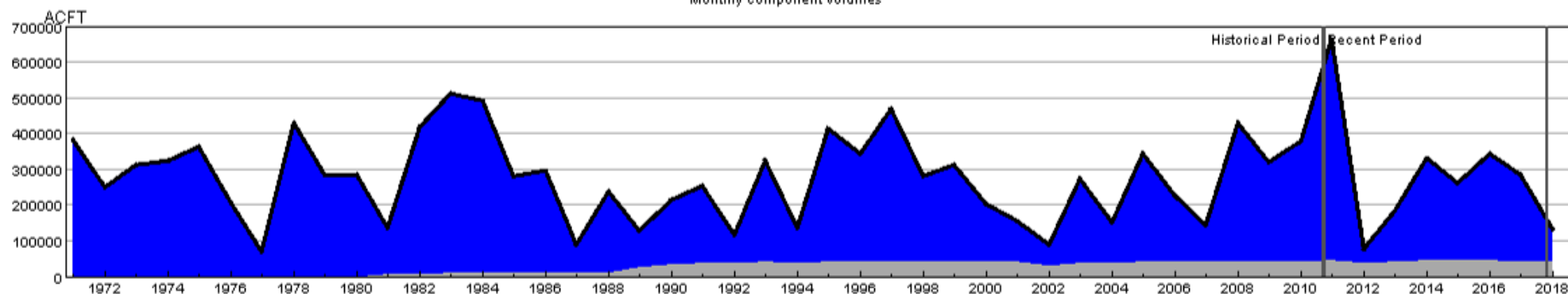
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14030003-JUL-PrevMoStreamflow-SWSI
 HUC:14030003-JUL-ForecastedRunoff-SWSI
 HUC:14030003-JUL-ReservoirStorage-SWSI
 HUC:14030003-JUL-DataComposite-SWSI

HUC 14050001 (Upper Yampa) Surface Water Supply - JUL

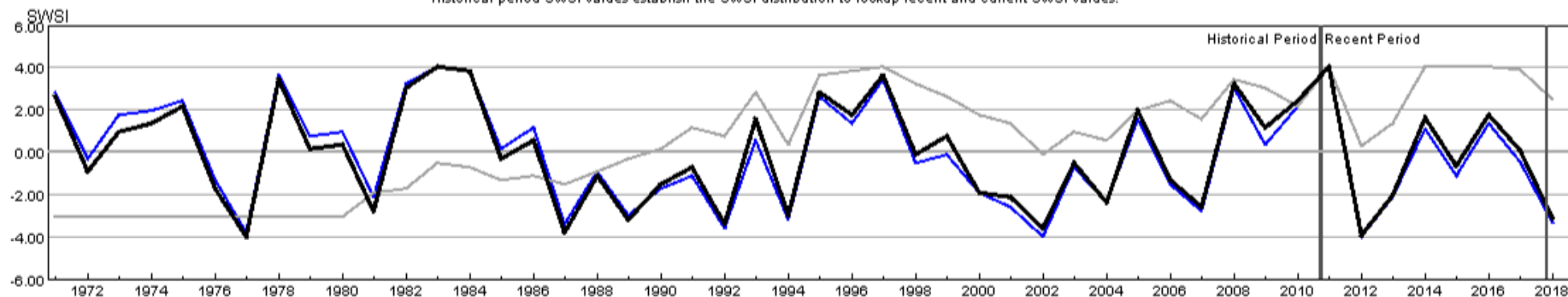
Monthly component volumes



HUC:14050001-JUL-DataComposite
 HUC:14050001-JUL-PrevMoStreamflow
 HUC:14050001-JUL-ForecastedRunoff
 HUC:14050001-JUL-ReservoirStorage

HUC 14050001 (Upper Yampa) SWSI Values - JUL

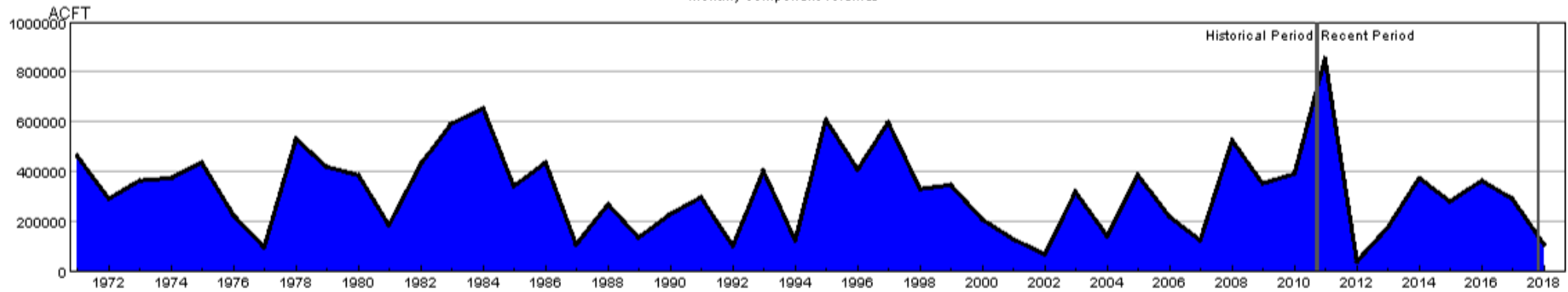
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14050001-JUL-PrevMoStreamflow-SWSI
 HUC:14050001-JUL-ForecastedRunoff-SWSI
 HUC:14050001-JUL-ReservoirStorage-SWSI
 HUC:14050001-JUL-DataComposite-SWSI

HUC 14050002 (Lower Yampa) Surface Water Supply - JUL

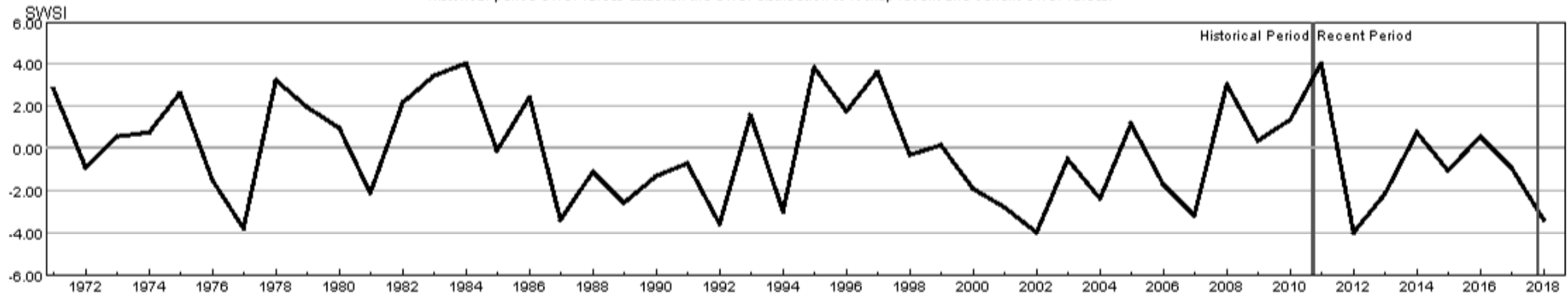
Monthly component volumes



HUC:14050002-JUL-DataComposite
 HUC:14050002-JUL-PrevMoStreamflow
 HUC:14050002-JUL-ForecastedRunoff
 HUC:14050002-JUL-ReservoirStorage

HUC 14050002 (Lower Yampa) SWSI Values - JUL

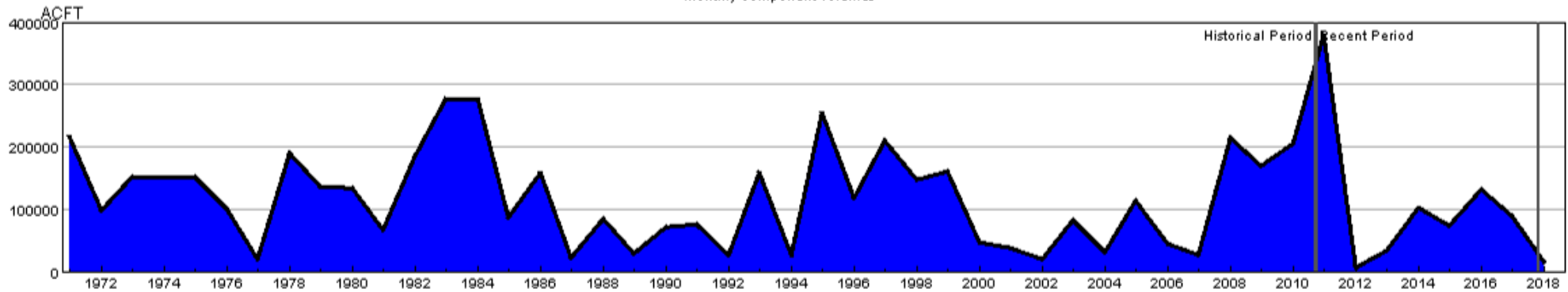
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14050002-JUL-PrevMoStreamflow-SWSI
 HUC:14050002-JUL-ForecastedRunoff-SWSI
 HUC:14050002-JUL-ReservoirStorage-SWSI
 HUC:14050002-JUL-DataComposite-SWSI

HUC 14050003 (Little Snake) Surface Water Supply - JUL

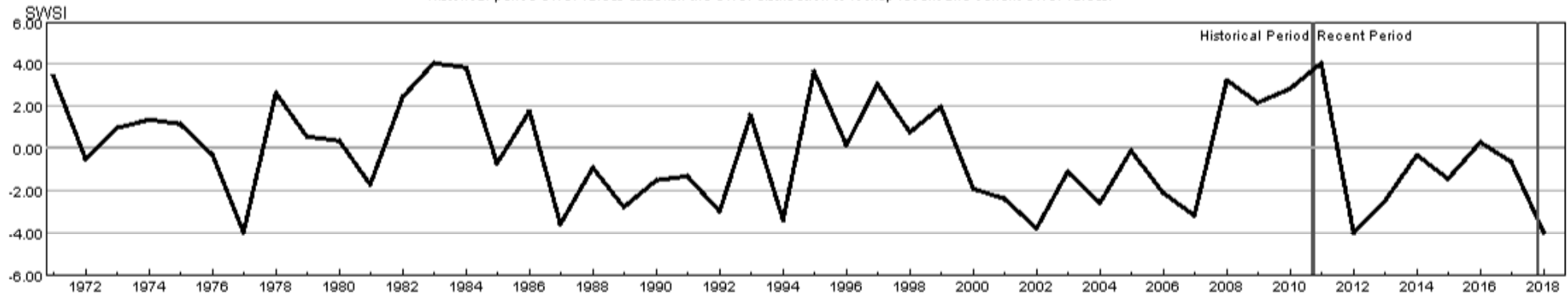
Monthly component volumes



HUC:14050003-JUL-DataComposite
 HUC:14050003-JUL-PrevMoStreamflow
 HUC:14050003-JUL-ForecastedRunoff
 HUC:14050003-JUL-ReservoirStorage

HUC 14050003 (Little Snake) SWSI Values - JUL

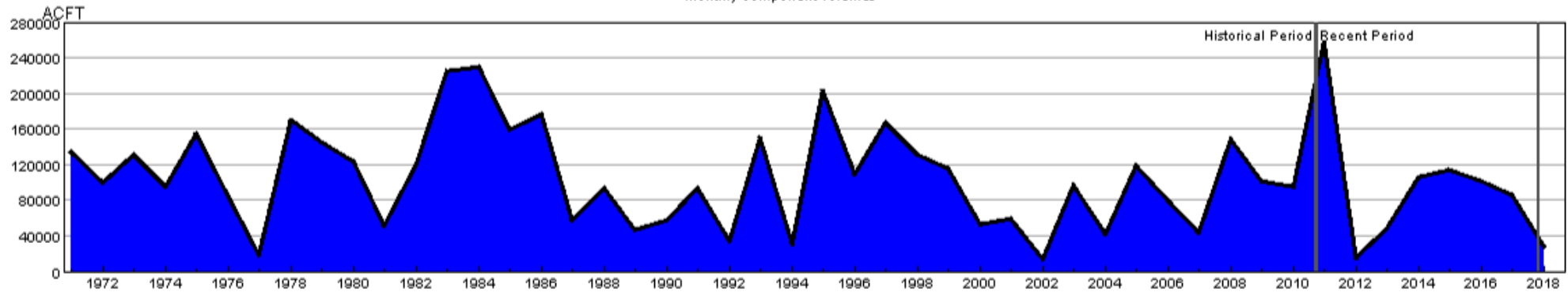
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14050003-JUL-PrevMoStreamflow-SWSI
 HUC:14050003-JUL-ForecastedRunoff-SWSI
 HUC:14050003-JUL-ReservoirStorage-SWSI
 HUC:14050003-JUL-DataComposite-SWSI

HUC 14050005 (Upper White) Surface Water Supply - JUL

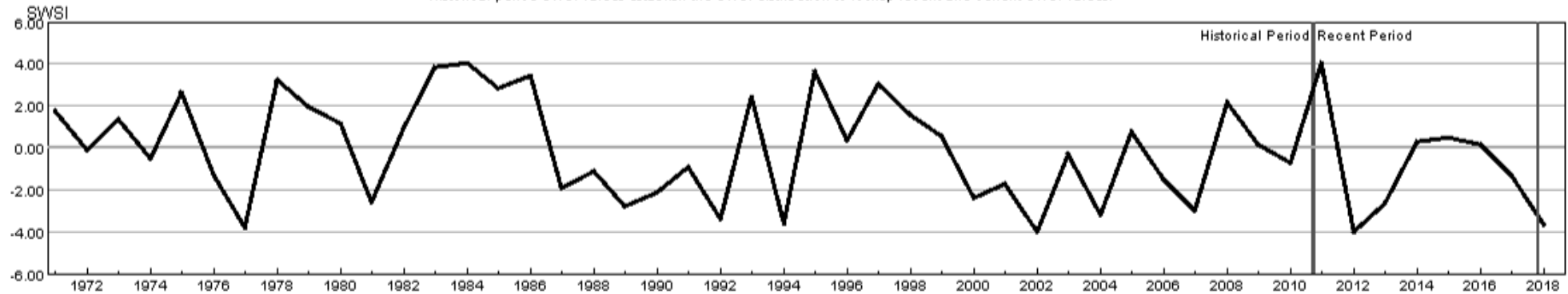
Monthly component volumes



HUC:14050005-JUL-DataComposite
 HUC:14050005-JUL-PrevMoStreamflow
 HUC:14050005-JUL-ForecastedRunoff
 HUC:14050005-JUL-ReservoirStorage

HUC 14050005 (Upper White) SWSI Values - JUL

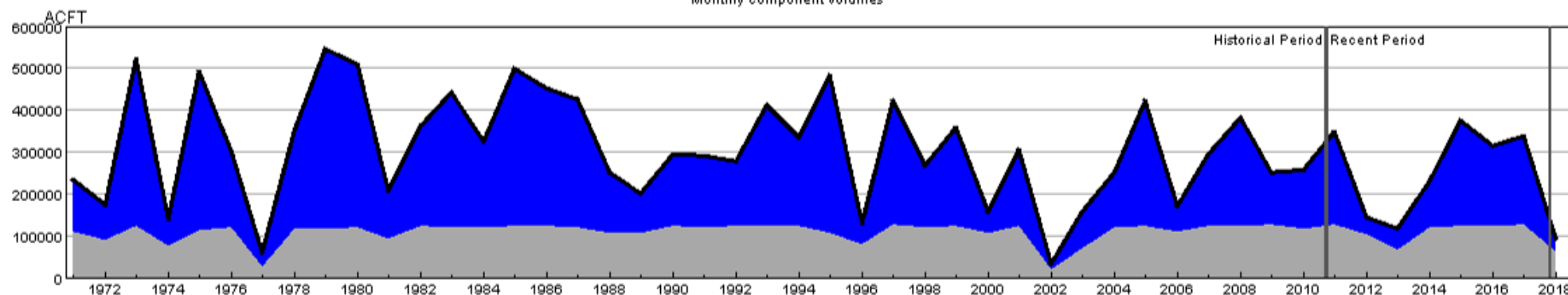
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14050005-JUL-PrevMoStreamflow-SWSI
 HUC:14050005-JUL-ForecastedRunoff-SWSI
 HUC:14050005-JUL-ReservoirStorage-SWSI
 HUC:14050005-JUL-DataComposite-SWSI

HUC 14080101 (Upper San Juan) Surface Water Supply - JUL

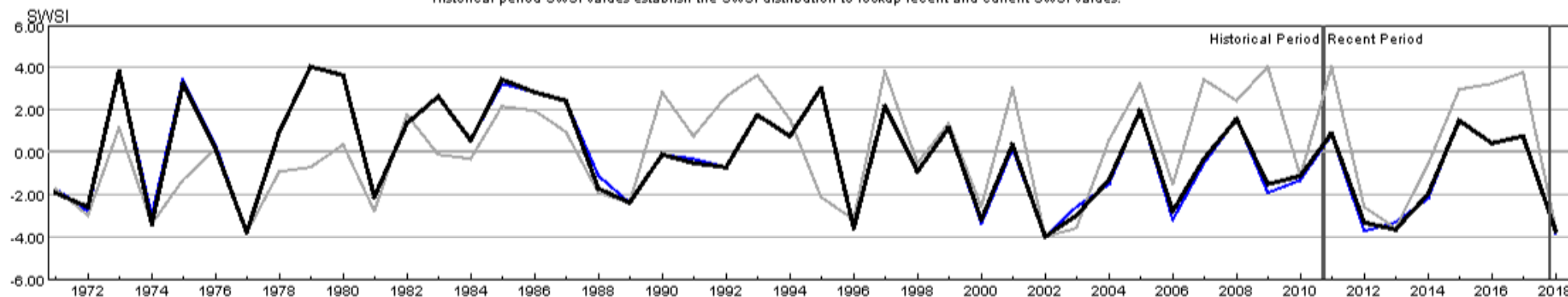
Monthly component volumes



HUC:14080101-JUL-DataComposite
 HUC:14080101-JUL-PrevMoStreamflow
 HUC:14080101-JUL-ForecastedRunoff
 HUC:14080101-JUL-ReservoirStorage

HUC 14080101 (Upper San Juan) SWSI Values - JUL

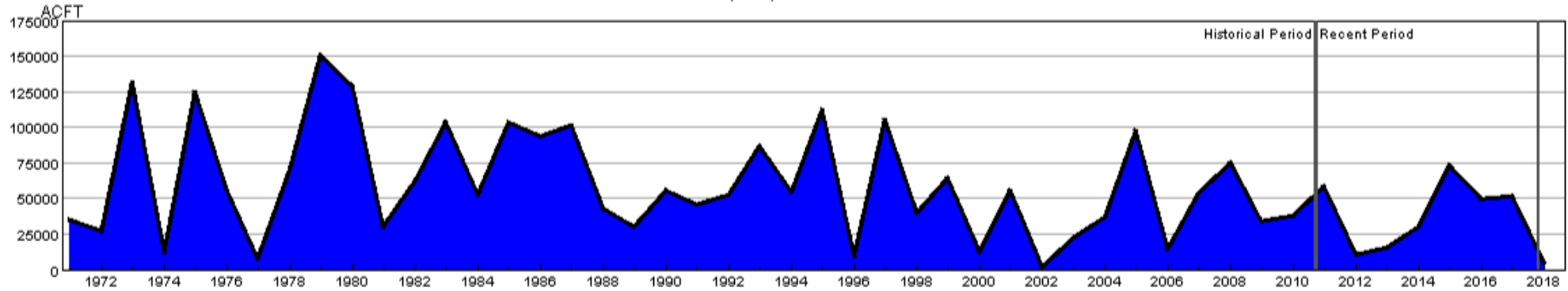
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14080101-JUL-PrevMoStreamflow-SWSI
 HUC:14080101-JUL-ForecastedRunoff-SWSI
 HUC:14080101-JUL-ReservoirStorage-SWSI
 HUC:14080101-JUL-DataComposite-SWSI

HUC 14080102 (Piedra) Surface Water Supply - JUL

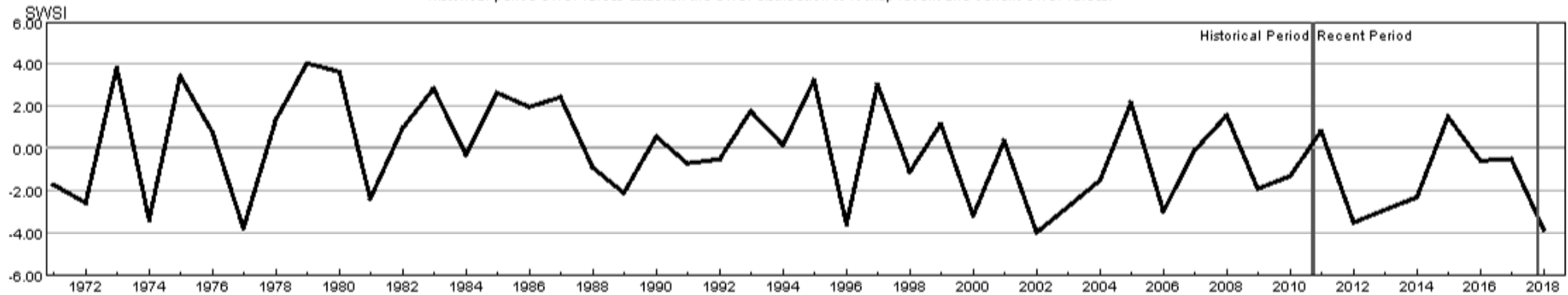
Monthly component volumes



HUC:14080102-JUL-DataComposite
 HUC:14080102-JUL-PrevMoStreamflow
 HUC:14080102-JUL-ForecastedRunoff
 HUC:14080102-JUL-ReservoirStorage

HUC 14080102 (Piedra) SWSI Values - JUL

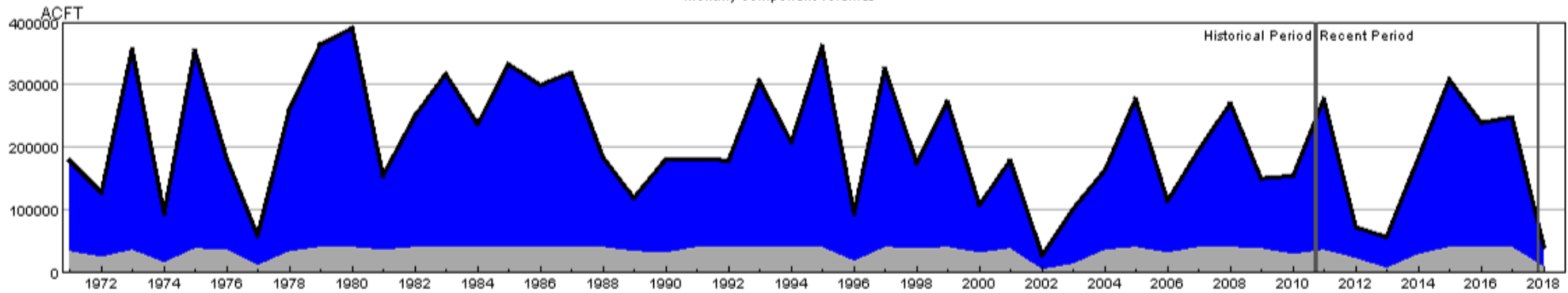
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14080102-JUL-PrevMoStreamflow-SWSI
 HUC:14080102-JUL-ForecastedRunoff-SWSI
 HUC:14080102-JUL-ReservoirStorage-SWSI
 HUC:14080102-JUL-DataComposite-SWSI

HUC 14080104 (Animas) Surface Water Supply - JUL

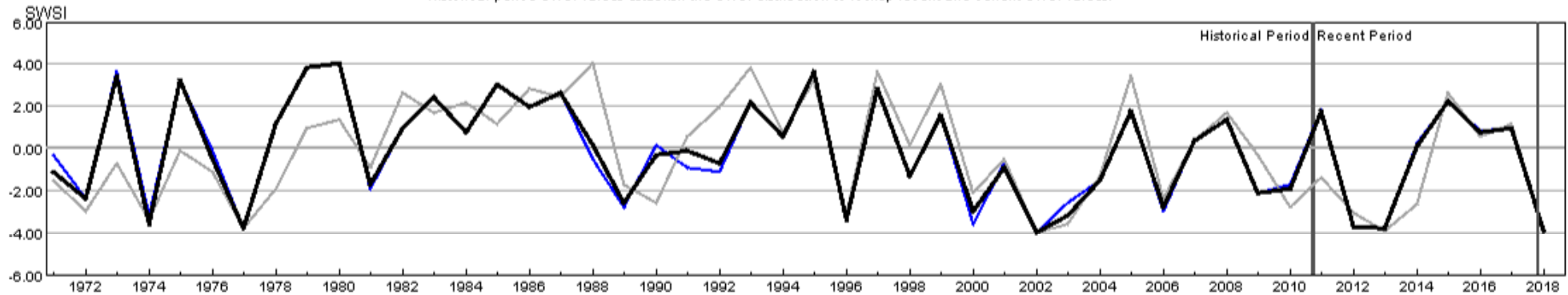
Monthly component volumes



HUC:14080104-JUL-DataComposite
 HUC:14080104-JUL-PrevMoStreamflow
 HUC:14080104-JUL-ForecastsRunoff
 HUC:14080104-JUL-ReservoirStorage

HUC 14080104 (Animas) SWSI Values - JUL

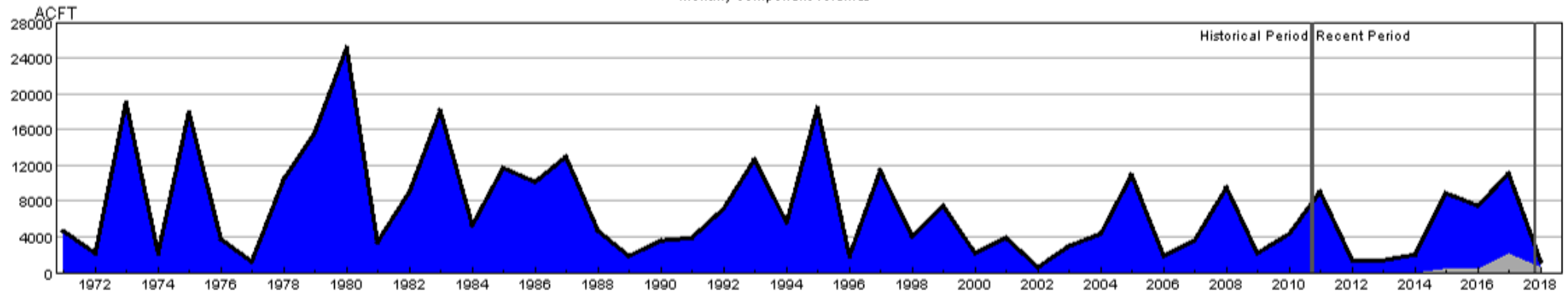
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14080104-JUL-PrevMoStreamflow-SWSI
 HUC:14080104-JUL-ForecastsRunoff-SWSI
 HUC:14080104-JUL-ReservoirStorage-SWSI
 HUC:14080104-JUL-DataComposite-SWSI

HUC 14080105 (Middle San Juan) Surface Water Supply - JUL

Monthly component volumes



HUC:14080105-JUL-DataComposite
 HUC:14080105-JUL-PrevMoStreamflow
 HUC:14080105-JUL-ForecastedRunoff
 HUC:14080105-JUL-ReservoirStorage

HUC 14080105 (Middle San Juan) SWSI Values - JUL

Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14080105-JUL-PrevMoStreamflow-SWSI
 HUC:14080105-JUL-ForecastedRunoff-SWSI
 HUC:14080105-JUL-ReservoirStorage-SWSI
 HUC:14080105-JUL-DataComposite-SWSI