
COLORADO

WATER SUPPLY CONDITIONS UPDATE

FROM THE OFFICE OF THE STATE ENGINEER: COLORADO DIVISION OF WATER RESOURCES
ROOM 818, 1313 SHERMAN ST., DENVER, CO 80203
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May 1, 2018

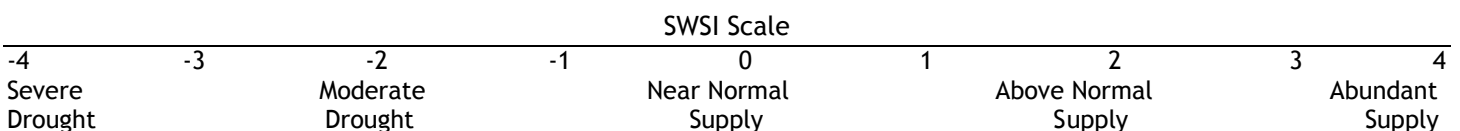
The Surface Water Supply Index (SWSI) is used as an indicator of water supply conditions in the seven major river basins of the state and in each of the 41 smaller watersheds, or HUCs. The Colorado Water Conservation Board (CWCB) completed a major revision to the Colorado Drought Plan in 2010. At that 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

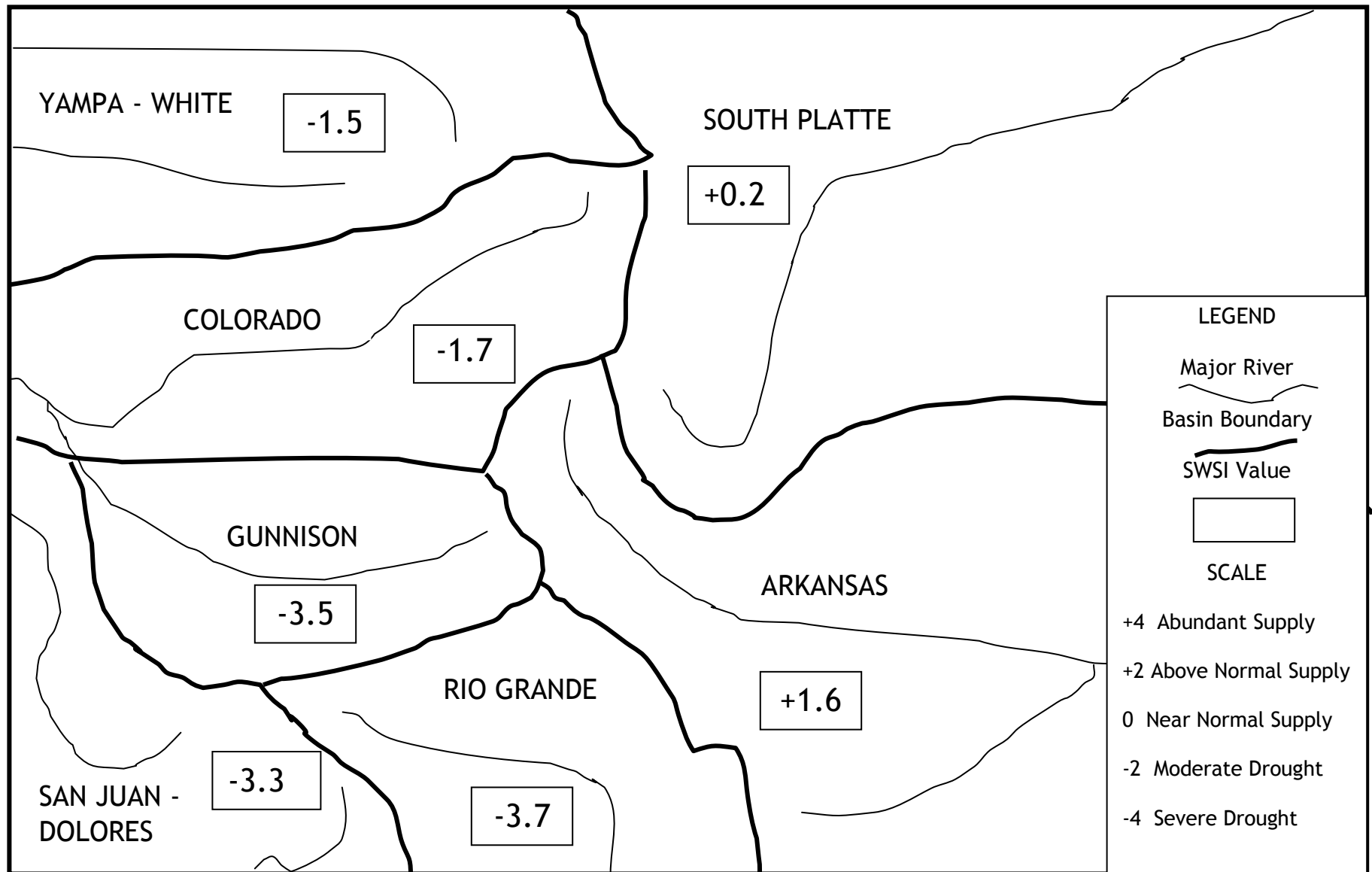
In 2015, CWCB and the Division of Water Resources (DWR) (both Divisions of the Colorado Department of Natural Resources) completed a software project to implement an automated calculation of the SWSI and to document the underlying hydrologic data. July 1, 2015 was the first month that the automated DNR 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 winter/spring season (January 1 to June 1) is based on reservoir storage at the end of last month, in this case April 30, plus the forecasted streamflow runoff volume for the runoff season (April through September in most basins). The following SWSI values were computed for each of the seven major basins for May 1, 2018. Water supply conditions are well below normal in all but the South Platte and Arkansas River basins. Those two basins have streamflow forecasts well below normal, but the SWSI is moderated by strong reservoir storage volumes. Reservoir storage is near normal to below normal statewide. Each basin, except for the Colorado, Gunnison and Yampa-White, has declined since April 1.

Basin	May 1 SWSI	Change from Previous Month	Change from Previous Year
Arkansas	1.6	-0.1	-0.3
Colorado	-1.7	1.2	-1.2
Gunnison	-3.5	0.0	-5.3
Rio Grande	-3.7	-0.4	-4.4
San Juan-Dolores	-3.3	-0.2	-4.4
South Platte	0.2	-0.9	-1.2
Yampa-White	-1.5	0.5	-0.5



SURFACE WATER SUPPLY INDEX FOR COLORADO BY MAJOR RIVER BASIN



May 1, 2018

SURFACE WATER SUPPLY INDEX FOR COLORADO BY HUC



CDSS

Colorado's Decision Support Systems

SWSI Map 1, 2018

Legend

SWSI - Current

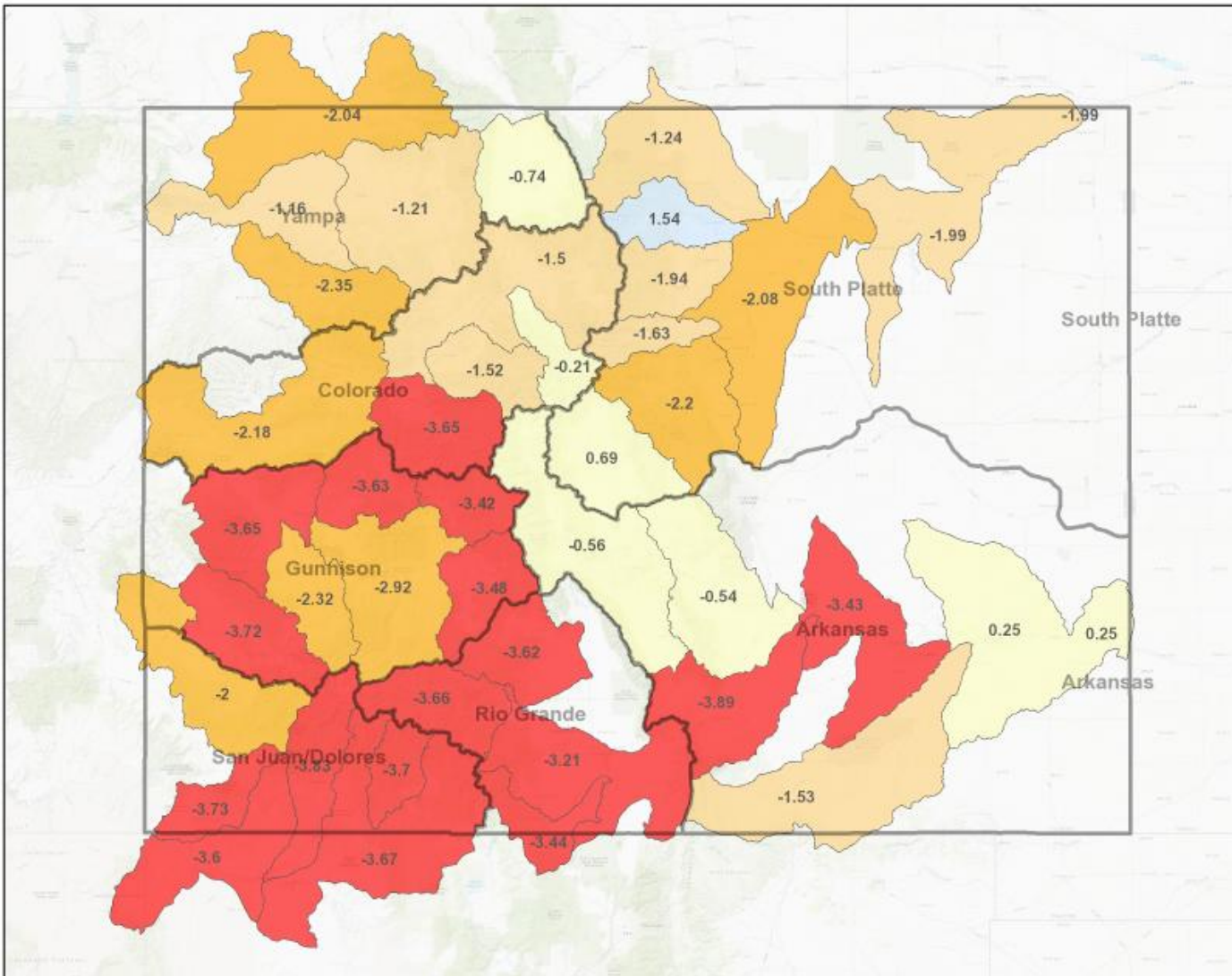
- ☐ SWSI Not Applicable (-99.99)
- ☒ Extremely Dry (-3.0 to -4.2)
- ☒ Moderately Dry (-2.0 to -2.9)
- ☒ Slightly Dry (-1.0 to -1.9)
- ☒ Near Average (-0.9 to 0.9)
- ☒ Slightly Wet (1.0 to 1.9)
- ☒ Moderately Wet (2.0 to 2.9)
- ☒ Extremely Wet (3.0 to 4.2)

☐ Water Division

Location



Notes



113.64 0 56.82 113.64 Miles

1: 3,600,000



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Date Prepared: 5/9/2018 10:42:02 AM

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

Basin	HUC ID	HUC Name	SWSI	Reservoir Storage NEP	Forecast Flow NEP	Total Vol (AF)
Arkansas	11020006	Huerfano	-3.90	13	4	5,100
	11020010	Purgatoire	-1.53	85	3	43,880
	11020005	Upper Arkansas-Lake Meredith	-3.44	89	8	227,593
	11020001	Arkansas Headwaters	-0.57	81	15	322,471
	11020002	Upper Arkansas	-0.54	76	8	406,400
	11020009	Upper Arkansas-John Martin Reservoir	0.25	85	6	520,058
Colorado	14010003	Eagle	-1.53	N/A	32	250,000
	14010002	Blue	-0.22	49	46	306,166
	14010004	Roaring Fork	-3.65	71	6	412,326
	14010001	Colorado Headwaters	-1.51	83	30	1,166,160
	14010005	Colorado Headwaters-Plateau	-2.19	36	24	1,575,057
Gunnison	14020003	Tomichi	-3.48	96	8	18,432
	14030003	San Miguel	-3.73	N/A	5	44,000
	14020006	Uncompahgre	-2.32	65	6	104,310
	14020004	North Fork Gunnison	-3.63	86	9	110,769
	14020001	East-Taylor	-3.42	78	9	225,787
	14020005	Lower Gunnison	-3.66	N/A	6	415,000
	14020002	Upper Gunnison	-2.92	68	8	975,881
Rio Grande	13010004	Saguache	-3.62	N/A	7	11,400
	13010002	Alamosa-Trinchera	-3.21	94	5	56,639
	13010005	Conejos	-3.45	69	9	102,519
	13010001	Rio Grande Headwaters	-3.66	88	5	228,685
San Juan-Dolores	14080105	Middle San Juan	-3.60	50	5	5,954
	14080107	Mancos	-3.74	32	5	11,397
	14080102	Piedra	-3.71	N/A	5	42,000
	14080104	Animas	-3.83	46	4	126,809
	14080101	Upper San Juan	-3.67	73	6	266,272
	14030002	Upper Dolores	-2.01	50	5	333,683
South Platte	10190004	Clear	-1.63	N/A	30	87,000
	10190005	St. Vrain	-1.95	67	27	183,534
	10190001	South Platte Headwater	0.70	77	21	188,200
	10190007	Cache La Poudre	-1.25	49	34	355,832
	10190002	Upper South Platte	-2.21	70	9	373,832
	10190006	Big Thompson	1.54	81	27	576,107
	10190003	Middle South Platte-Cherry Creek	-2.08	86	25	650,500
	10190012	Middle South Platte-Sterling	-1.99	68	25	775,000
Yampa-White	14050005	Upper White	-2.36	N/A	22	144,000
	10180001	North Platte Headwaters	-0.75	N/A	41	155,000
	14050003	Little Snake	-2.05	N/A	25	165,000
	14050001	Upper Yampa	-1.21	99	30	519,098
	14050002	Lower Yampa	-1.17	N/A	36	635,000

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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May 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	8,115	67
		HOMESTAKE RESERVOIR	35,720	94
		TWIN LAKES RESERVOIR	43,717	73
		TURQUOISE LAKE	73,919	76
		ARKANSAS RIVER AT SALIDA	161,000	15
11020006	Huerfano	CUCHARAS RESERVOIR*	0	13
		CUCHARAS RIVER AT BOYD RANCH NR LA VETA	2,300	8
		HUERFANO RIVER NEAR REDWING	2,800	3
11020010	Purgatoire	PURGATOIRE RIVER AT TRINIDAD	7,000	3
		TRINIDAD LAKE	36,880	85
11020002	Upper Arkansas	PUEBLO RESERVOIR INFLOW	175,000	8
		PUEBLO RESERVOIR	231,400	76
11020009	Upper Arkansas-John Martin Reservoir	CUCHARAS RIVER AT BOYD RANCH NR LA VETA	2,300	8
		HUERFANO RIVER NEAR REDWING	2,800	3
		PURGATOIRE RIVER AT TRINIDAD	7,000	3
		ADOBE CREEK RESERVOIR	43,450	60
		PUEBLO RESERVOIR INFLOW	175,000	8
		JOHN MARTIN RESERVOIR	289,508	87
11020005	Upper Arkansas-Lake Meredith	CUCHARAS RIVER AT BOYD RANCH NR LA VETA	2,300	8
		HUERFANO RIVER NEAR REDWING	2,800	3
		LAKE HENRY	8,831	97
		MEREDITH RESERVOIR	38,662	84
		PUEBLO RESERVOIR INFLOW	175,000	8
14010002	Blue	GREEN MOUNTAIN RESERVOIR	56,166	49
		BLUE RIVER INFLOW TO GREEN MOUNTAIN RES	250,000	46
14010001	Colorado Headwaters	WOLFORD MOUNTAIN RESERVOIR	55,960	86
		WILLIAMS FORK RESERVOIR	70,200	84
		COLORADO RIVER NEAR DOTSERO	1,040,000	30
14010005	Colorado Headwaters-Plateau	VEGA RESERVOIR	15,057	36
		COLORADO RIVER NEAR CAMEO	1,560,000	24
14010003	Eagle	EAGLE RIVER BELOW GYPSUM	250,000	32
14010004	Roaring Fork	RUEDI RESERVOIR	67,326	71
		ROARING FORK AT GLENWOOD SPRINGS	345,000	6
14020001	East-Taylor	TAYLOR R INF TO TAYLOR PARK RESERVOIR	53,000	8
		TAYLOR PARK RESERVOIR	71,787	78
		EAST RIVER AT ALMONT	101,000	11
14020005	Lower Gunnison	GUNNISON RIVER NR GRAND JUNCTION	415,000	6
14020004	North Fork Gunnison	PAONIA RESERVOIR	11,769	86
		NORTH FORK GUNNISON R NR SOMERSET	99,000	9
14030003	San Miguel	SAN MIGUEL RIVER NEAR PLACERVILLE	44,000	5
14020003	Tomichi	VOUGA RESERVOIR NEAR DOYLEVILLE	932	96
		TOMICHI CREEK AT GUNNISON, CO	17,500	8

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
14020006	Uncompahgre	UNCOMPAHGRE RIVER AT COLONA	40,000	6
		RIDGEWAY RESERVOIR	64,310	65
14020002	Upper Gunnison	FRUITLAND RESERVOIR	3,016	11
		SILVER JACK RESERVOIR	4,996	18
		CRAWFORD RESERVOIR	8,118	14
		LAKE FORK AT GATEVIEW, CO	49,000	5
		MORROW POINT RESERVOIR	112,453	37
		GUNNISON R INF TO BLUE MESA RESERVOIR	300,000	8
		BLUE MESA RESERVOIR	498,298	69
13010002	Alamosa-Trinchera	SANGRE DE CRISTO	1,380	6
		TRINCHERA CK	2,500	3
		UTE CREEK	2,500	5
		CULEBRA CREEK AT SAN LUIS	4,500	10
		MOUNTAIN HOME	8,168	97
		TERRACE RESERVOIR	10,591	79
		ALAMOSA CREEK ABOVE TERRACE RESERVOIR	27,000	9
13010005	Conejos	PLATORO RESERVOIR	24,519	69
		CONEJOS RIVER NEAR MOGOTE	78,000	9
13010001	Rio Grande Headwaters	CONTINENTAL RESERVOIR	14,175	99
		SANTA MARIA RESERVOIR	20,041	91
		RIO GRANDE RESERVOIR	26,469	79
		RIO GRANDE NEAR DEL NORTE	168,000	5
13010004	Saguache	SAGUACHE CREEK NEAR SAGUACHE, CO	11,400	7
14080104	Animas	FLORIDA RIVER INFLOW TO LEMON RESERVOIR	10,300	3
		LEMON RESERVOIR	21,509	46
		ANIMAS RIVER AT DURANGO	95,000	4
14080107	Mancos	MANCOS RIVER NEAR MANCOS	5,100	5
		JACKSON GULCH RESERVOIR	6,297	32
14080105	Middle San Juan	LONG HOLLOW RESERVOIR	1,854	50
		LA PLATA RIVER AT HESPERUS	4,100	5
14080102	Piedra	PIEDRA RIVER NEAR ARBOLES	42,000	5
14030002	Upper Dolores	GROUNDHOG RESERVOIR	13,013	31
		DOLORES RIVER BELOW MCPHEE RESERVOIR	46,000	5
		MCPHEE RESERVOIR	274,670	50
14080101	Upper San Juan	LOS PINOS RIVER NEAR BAYFIELD	59,000	5
		VALLECITO RESERVOIR	85,272	73
		SAN JUAN RIVER NEAR CARRACAS	122,000	9
10190006	Big Thompson	MARIANO RESERVOIR	3,900	17
		WILLOW CREEK RESERVOIR	6,371	42
		LAKE LOVELAND RESERVOIR	8,000	39
		LONE TREE RESERVOIR	8,600	99
		BOYD LAKE	35,500	55
		BIG THOMPSON R AT MOUTH, NR DRAKE, CO	67,000	27
		CARTER LAKE	100,488	35
		LAKE GRANBY	346,248	83

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
10190007	Cache La Poudre	BLACK HOLLOW RESERVOIR	3,089	45
		CHAMBERS LAKE	4,500	67
		HALLIGAN RESERVOIR	6,400	81
		FOSSIL CREEK RESERVOIR	9,300	56
		CACHE LA POUDRE	10,363	96
		WINDSOR RESERVOIR	11,400	21
		COBB LAKE	18,800	76
		HORSETOOTH RESERVOIR	111,980	26
		CACHE LA POUDRE R AT CANYON MOUTH	180,000	34
10190004	Clear	CLEAR CREEK AT GOLDEN	87,000	30
10190003	Middle South Platte-Cherry Creek	HORSECREEK RESERVOIR	12,200	6
		MILTON RESERVOIR	22,500	97
		SOUTH BOULDER CK NR ELDORADO SPRINGS, CO	28,000	27
		BARR LAKE	29,600	63
		STANDLEY RESERVOIR	41,200	86
		BOULDER CREEK NEAR ORODELL	43,000	28
		SAINT VRAIN CREEK AT LYONS	62,000	23
		BIG THOMPSON R AT MOUTH, NR DRAKE, CO	67,000	27
		SOUTH PLATTE RIVER AT SOUTH PLATTE	78,000	9
		CLEAR CREEK AT GOLDEN	87,000	30
		CACHE LA POUDRE R AT CANYON MOUTH	180,000	34
10190012	Middle South Platte-Sterling	JULESBURG RESERVOIR	20,500	55
		PREWITT RESERVOIR	24,600	86
		JACKSON LAKE RESERVOIR	26,100	49
		SOUTH BOULDER CK NR ELDORADO SPRINGS, CO	28,000	27
		EMPIRE RESERVOIR	35,400	93
		BOULDER CREEK NEAR ORODELL	43,000	28
		RIVERSIDE RESERVOIR	52,800	54
		SAINT VRAIN CREEK AT LYONS	62,000	23
		BIG THOMPSON R AT MOUTH, NR DRAKE, CO	67,000	27
		POINT OF ROCKS RESERVOIR	70,600	91
		SOUTH PLATTE RIVER AT SOUTH PLATTE	78,000	9
		CLEAR CREEK AT GOLDEN	87,000	30
		CACHE LA POUDRE R AT CANYON MOUTH	180,000	34
10190001	South Platte Headwater	ANTERO RESERVOIR	20,000	77
		SPINNEY MOUNTAIN RESERVOIR	32,900	72
		ELEVENMILE CANYON RESV INFLOW	36,000	21
		ELEVENMILE CANYON RESERVOIR	99,300	58
10190005	St. Vrain	TERRY RESERVOIR	6,600	87
		GROSS RESERVOIR	7,285	52
		MARSHALL RESERVOIR	9,100	57
		UNION RESERVOIR	11,749	40
		BUTTONROCK (RALPH PRICE) RESERVOIR	15,800	95
		SOUTH BOULDER CK NR ELDORADO SPRINGS, CO	28,000	27
		BOULDER CREEK NEAR ORODELL	43,000	28
		SAINT VRAIN CREEK AT LYONS	62,000	23

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
10190002	Upper South Platte	CHEESMAN LAKE	67,132	52
		SOUTH PLATTE RIVER AT SOUTH PLATTE	78,000	9
		DILLON RESERVOIR	228,700	77
14050003	Little Snake	LITTLE SNAKE RIVER NEAR LILY	165,000	25
14050002	Lower Yampa	YAMPA RIVER NEAR MAYBELL	635,000	36
10180001	North Platte Headwaters	NORTH PLATTE R NR NORTHGATE	155,000	41
14050005	Upper White	WHITE RIVER NEAR MEEKER	144,000	22
14050001	Upper Yampa	YAMCOLO RESERVOIR	8,898	77
		ELKHEAD CREEK ABOVE LONG GULCH	34,000	37
		STAGECOACH RESERVOIR NR OAK CREEK	36,200	99
		YAMPA RIVER AT STEAMBOAT SPRINGS	195,000	31
		ELK RIVER NEAR MILNER, CO	245,000	31

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 +0.2. In Northeast Colorado April produced a significant division from east to west in terms of precipitation and temperature. Roughly the eastern 1/3 of the area had normal to somewhat above normal precipitation while the western 2/3 of the area experienced significantly below normal precipitation. Temperatures were similar to, but slightly different than, precipitation. Roughly the eastern 2/3 of the area experienced slightly to well below normal temperatures with the western 1/3 experiencing slightly above normal temperatures.

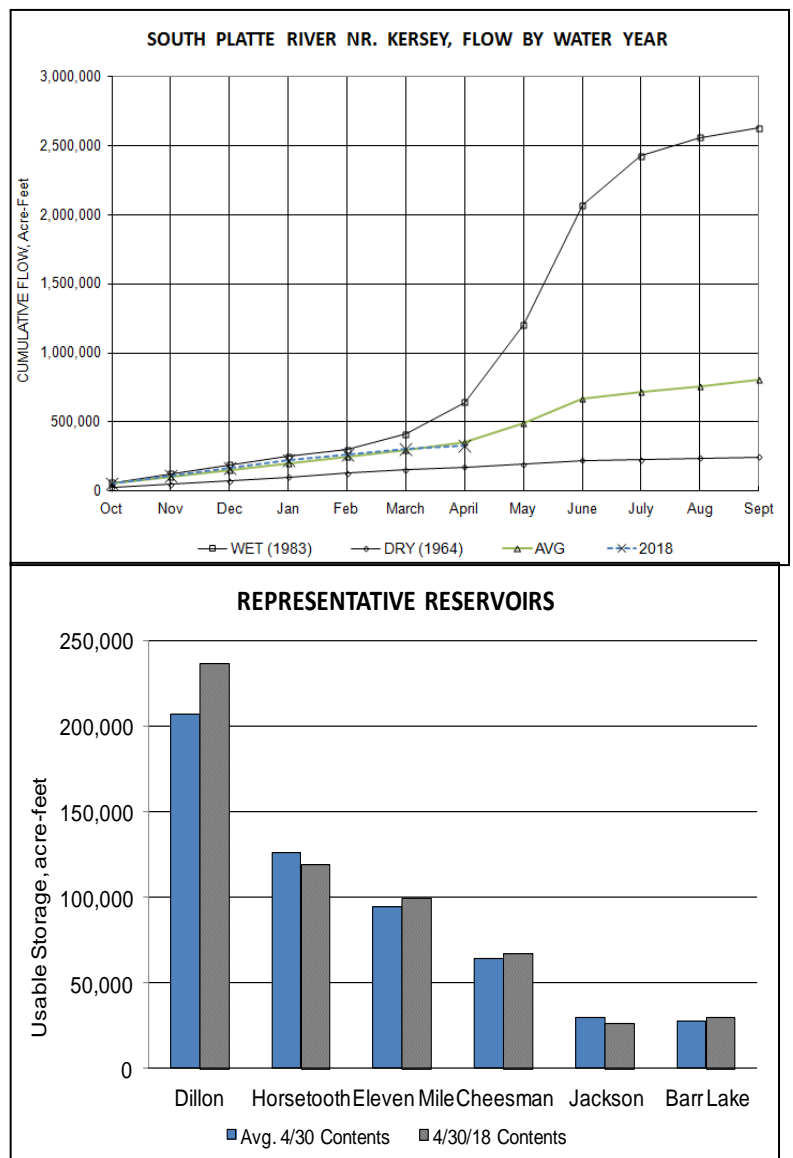
Snowpack in the overall South Platte basin peaked on April 22, just 4 days ahead of the normal peak date of April 26. The peak hit 91% of the normal Snow Water Equivalent (SWE). While peaking at 91% of normal is not great, it is much better than other parts of the state and should provide a decent (though probably short lived) runoff water supply.

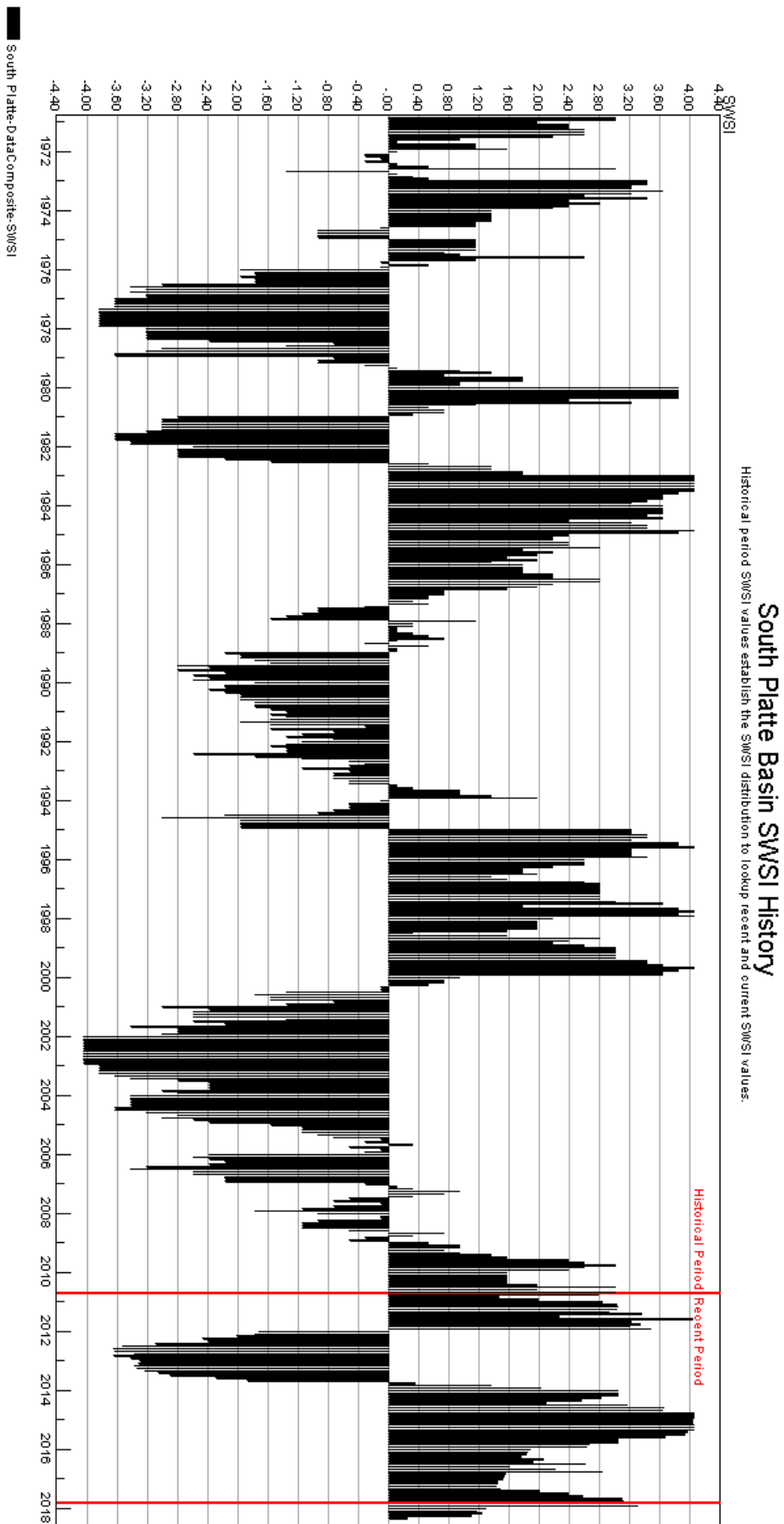
The USDA Drought Monitor rating for northeast Colorado changed very little during the month of April. The precipitation discussed above did allow some of the area previously classified with a Drought Rating of D0 “Abnormally Dry” to move to no rating. However, there was virtually no change in the area with a D1 “Moderate Drought” rating in the more southern parts of Division 1.

Not surprisingly, with the general lack of precipitation over much of the South Platte basin in April, the flows at the Kersey and Julesburg index stream flow gages were well below normal in April. The overall April mean flow at the Kersey gage was approximately 412 cfs or 49% of the long term mean flow of 842 cfs. The overall April mean flow at the Julesburg gage was approximately 186 cfs. This represents a flow of just 36% of the long term mean flow of 514 cfs.

The overall seniority of calls on the South Platte mainstem moved pretty rapidly from free river conditions below Chatfield Reservoir at the start of the month to what would normally be expected for April by the end of the month. Calls on most of the major South Platte tributaries were at least in the seniority range that would be expected in April, if not more senior than normal by the end of the month.

April South Platte basin reservoir storage was somewhat above the long term average, which should help mitigate the lower than normal snowpack. The overall end of April storage in the group of selected reservoirs was 86% of capacity. This compares to a long term average end of April storage of 82% of capacity.





Basinwide Conditions Assessment

The SWSI value for the month was +1.6.

Outlook

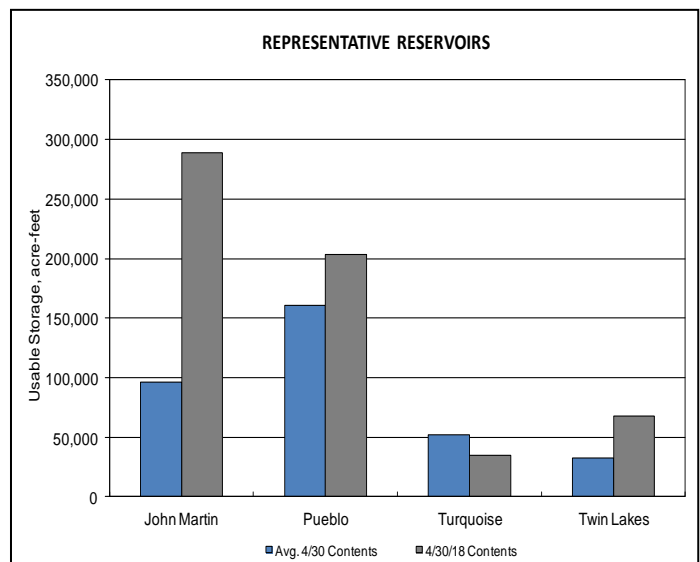
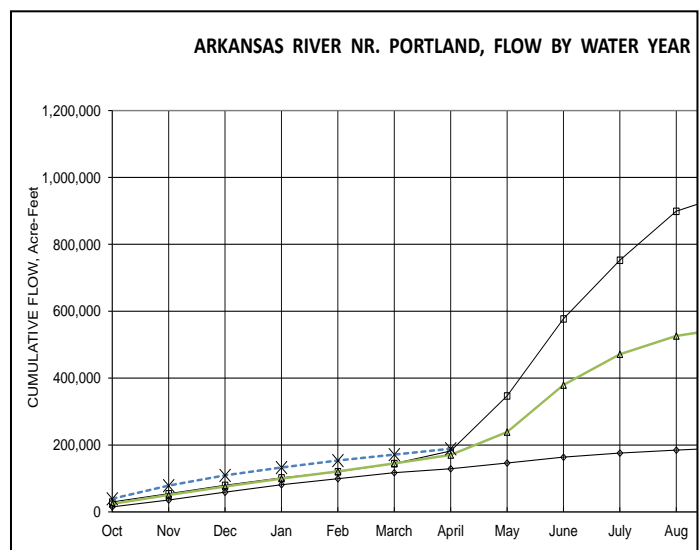
Several Water District 67 ditches called for water from John Martin Reservoir prior to April 1, 2018; consequently, the distribution of conservation storage into accounts per the 1980 Operating Agreement for John Martin Reservoir began on April 1, 2018. Total conservation storage from November 1, 2017 through April 30, 2018 transferred into accounts in John Martin Reservoir, was approximately a net of 63,382 acre-feet. This represented twice the amount stored during the same period in the winter of 2016-17.

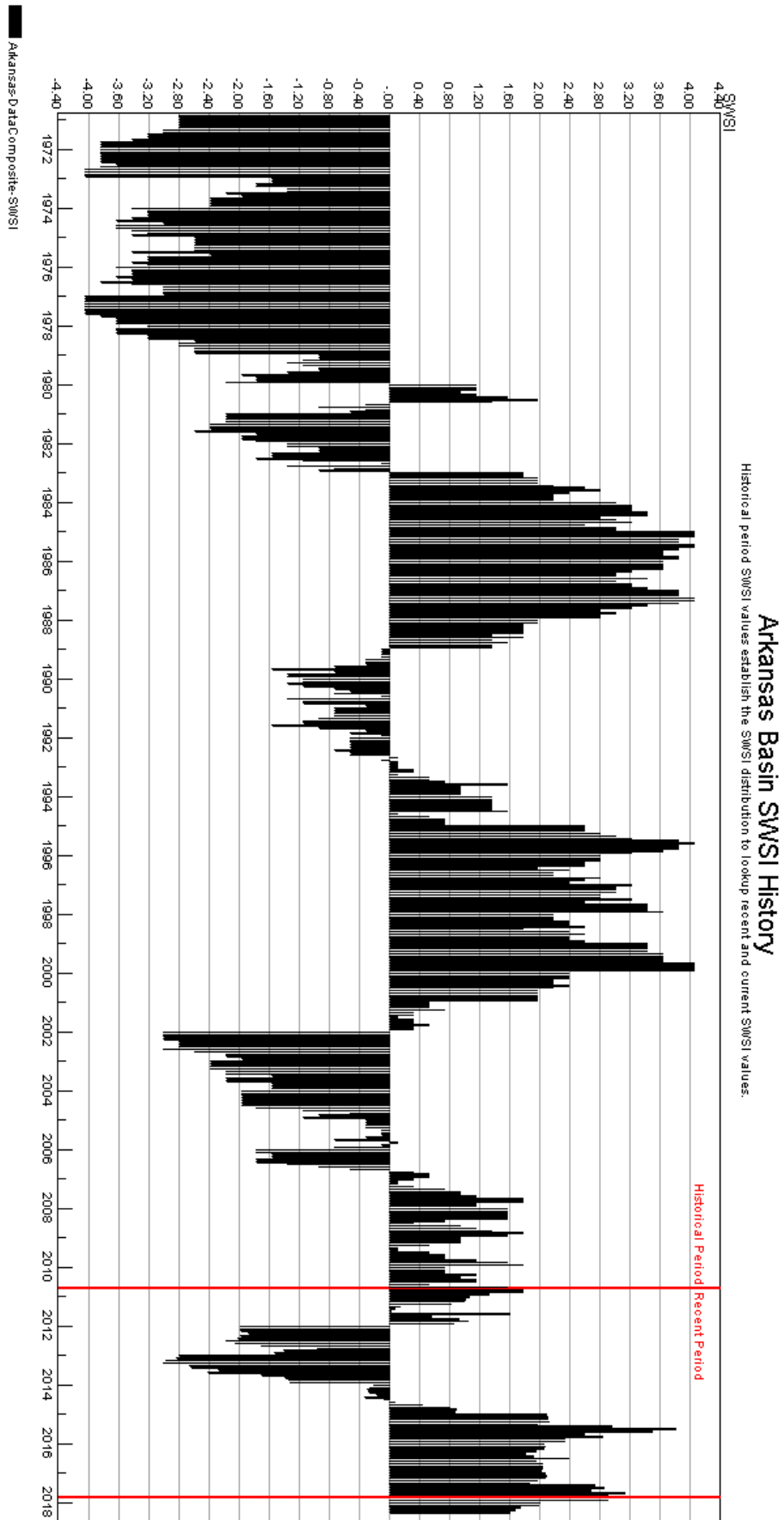
The mainstem river call at the beginning of the month was the Fort Lyon Canal 3-1-1887 water right above John Martin Reservoir. The call went slightly more senior (12/3/1884 Catlin) as was very slow to begin.

Administrative/Management Concerns

Well Association replacement plans were approved for the April 1, 2018 through March 31, 2019 period at fairly good levels of pumping corresponding with average anticipated replacement supplies.

The uneven and below average snowpack is still a significant concern. Headwater areas in Water District 11 are far better than southern mountain snowpack where conditions are dire. Runoff down the mainstem may prove to be fairly reasonable, however, absent some good monsoonal rainfall, the southern tributaries will reflect severely impaired drought conditions.





Basinwide Conditions Assessment

The SWSI value for the month was -3.7. Flow at the gaging station Rio Grande near Del Norte averaged 816 cfs (114% of average). The Conejos River near Mogote had a mean flow of 387 cfs (138% of average). Flow to the state line was only 20% of normal as upstream diversions for irrigation needs continued.

Alamosa received precipitation totaling only 0.20 inches during April, 0.39 inches below normal, and the seventh consecutive month of below average precipitation. Temperatures in the San Luis Valley were above normal for the eighth month in a row!

The decline of the basin's snowpack began on April 1, more than a week early. Only three small snow producing systems have passed through the San Juan mountains since then - a very disappointing Spring full of warm temperatures and heavy wind. The foothill areas have little green hue to them and snow remains only at the highest elevations. Many area streams peaked on April 8 and have already begun to decline.

Outlook

NRCS forecasts are now predicting April through September runoff to be only 10% to 45% of average in the upper Rio Grande basin of Colorado. The best forecasts are for those rivers with long drainages and high elevations: the Rio Grande and the Conejos. Low elevation and short drainages should have extremely low streamflow the remainder of this irrigation season. Based on these forecasts, water users in the basin who are reliant on stream flow for irrigation and stock watering needs should expect extremely limited availability.

The National Weather Service is predicting a good chance for better than average precipitation during the latter part of the summer.

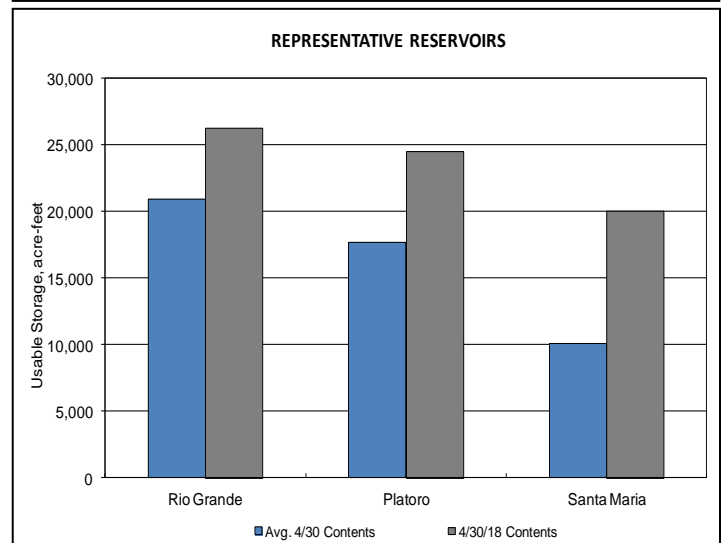
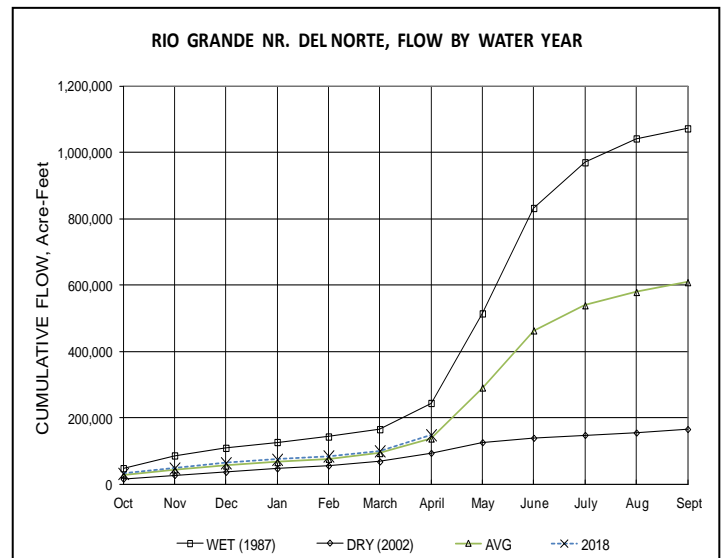
Administrative/Management Concerns

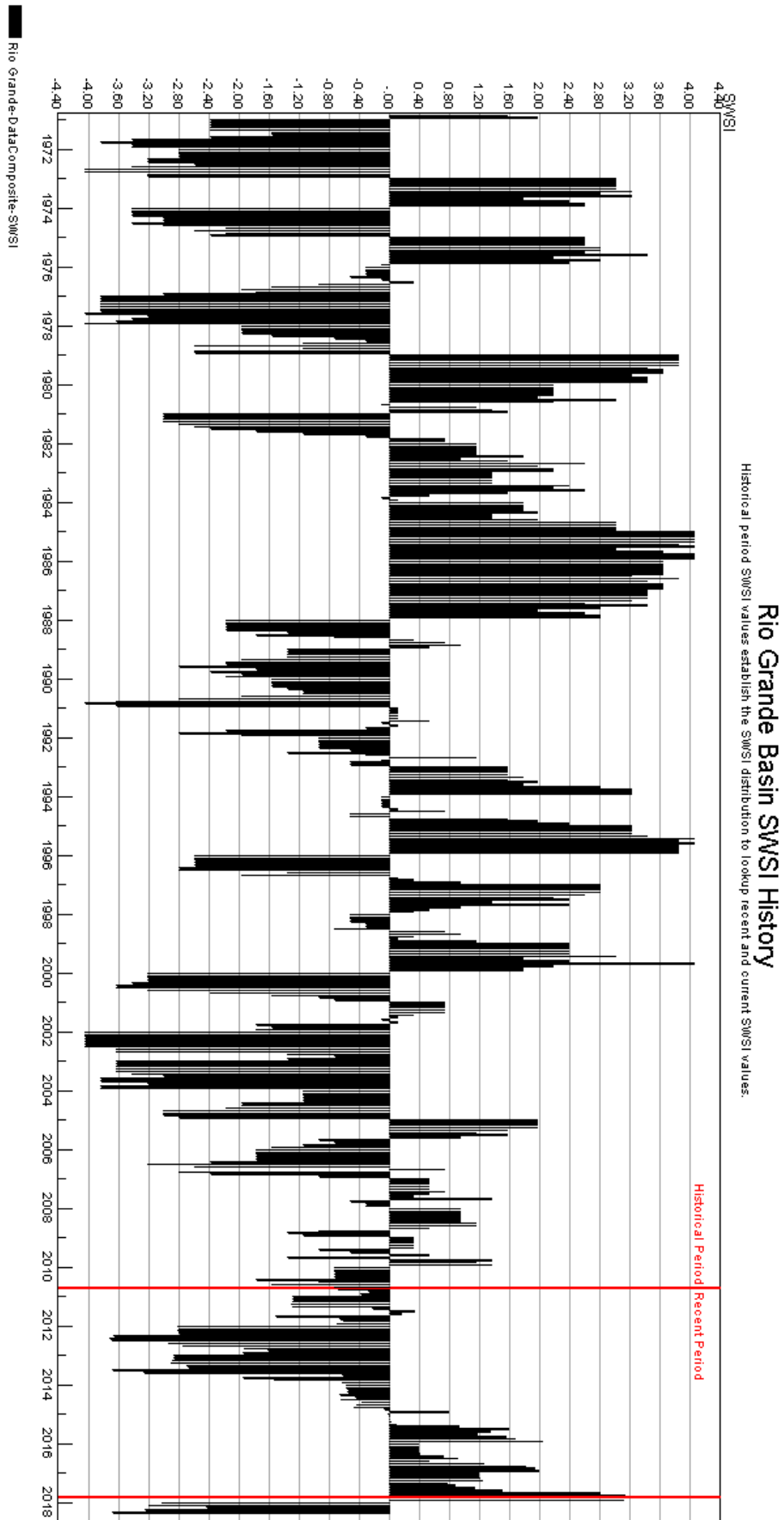
Water rights were able to divert all available flow during April from the Rio Grande and the Conejos as no curtailment will be necessary on these drainages to make water available for required Rio Grande Compact deliveries in 2018. This is a common practice for poor runoff years.

The drought of 2018 will hit hardest on the streams of the Sangre de Cristo Range and the tributaries of the Conejos River. But all drainages into the San Luis Valley will have significantly below average runoff this year. With only the most senior water rights able to divert throughout the summer, massive pumping from the valley's aquifers will be necessary to meet irrigated crop demand.

Public Use Impact

The anticipated poor stream flow will adversely affect the farming, ranching, and recreational industries in the basin. Reservoir storage in this basin began at a good level this year. However, many reservoirs will be nearly empty by the end of this irrigation season. Two reservoirs will be completely drained this year for repair work - Rio Grande and Trujillo Meadows.





Basinwide Conditions Assessment

The SWSI value for the month was -3.5. Weather conditions in the Gunnison basin during April varied from above average in the northeastern areas, such as the Taylor River and Tomichi Creek to well below average in the Southwestern areas, such as the Uncompahgre and Lower Gunnison. Gunnison basin snowpack fell sharply during the month to 29% of the 30 year median on May 1st and is on track to melt completely out two weeks earlier than average. The North Fork Gunnison above Paonia Reservoir and the Grand Mesa continue to contain the worst snowpack in the basin. In fact, the basin above Paonia Reservoir now contains only 15% of the median for the date.

Outlook

Colorado Basin River Forecast Center (CBRFC) April to July runoff forecasts for the Taylor River at Taylor Park Reservoir increased to 80% of the average while the Uncompahgre River above Ridgway declined to 40%. Unfortunately, the latest ESP model produced by the CBRFC forecasts a record low runoff in Surface Creek of only 2,600 acre-feet, which is 1,100 acre-feet lower than the previous low in 1977.

Administrative/Management Concerns

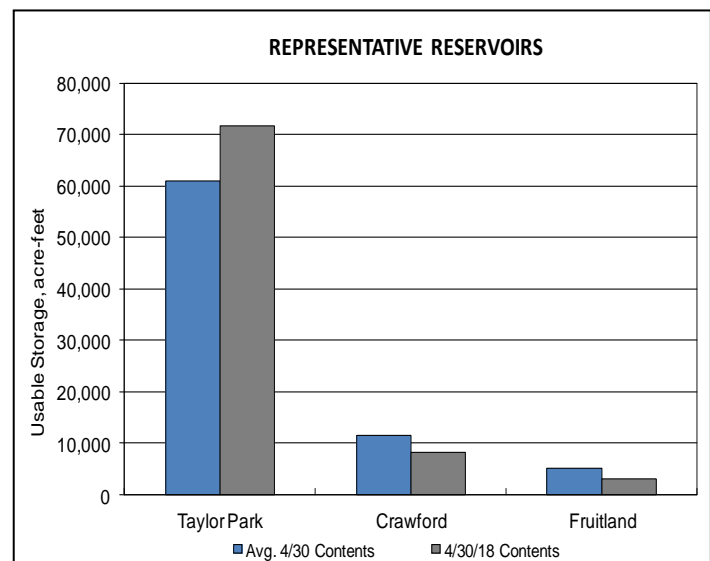
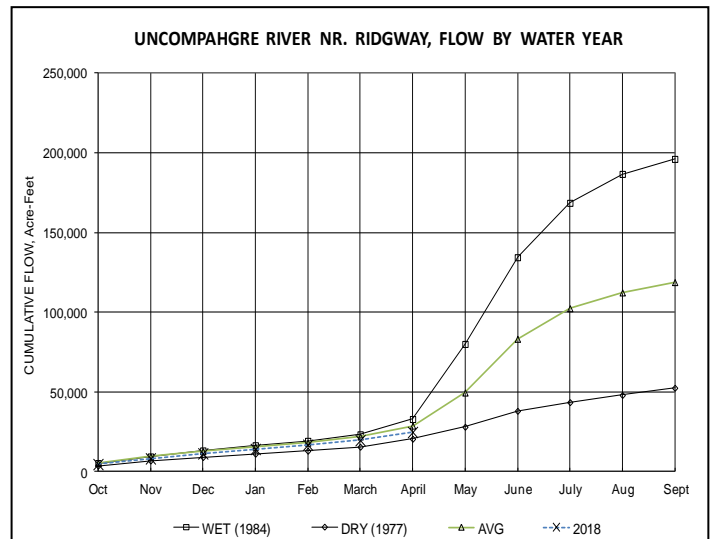
Current forecasts for only 350,000 acre-feet of runoff into Blue Mesa Reservoir place the basin in the “Dry” category for determining target flows in the Aspinall Unit Operations EIS Record of Decision. This eliminates the peak flow targets and reduces baseflow targets at Whitewater to 890 cfs for April and May. Also, forecast inflow at this level only results in a 1,000 cfs peak in the Black Canyon based on calculations in the reserve water right decree for the National Park.

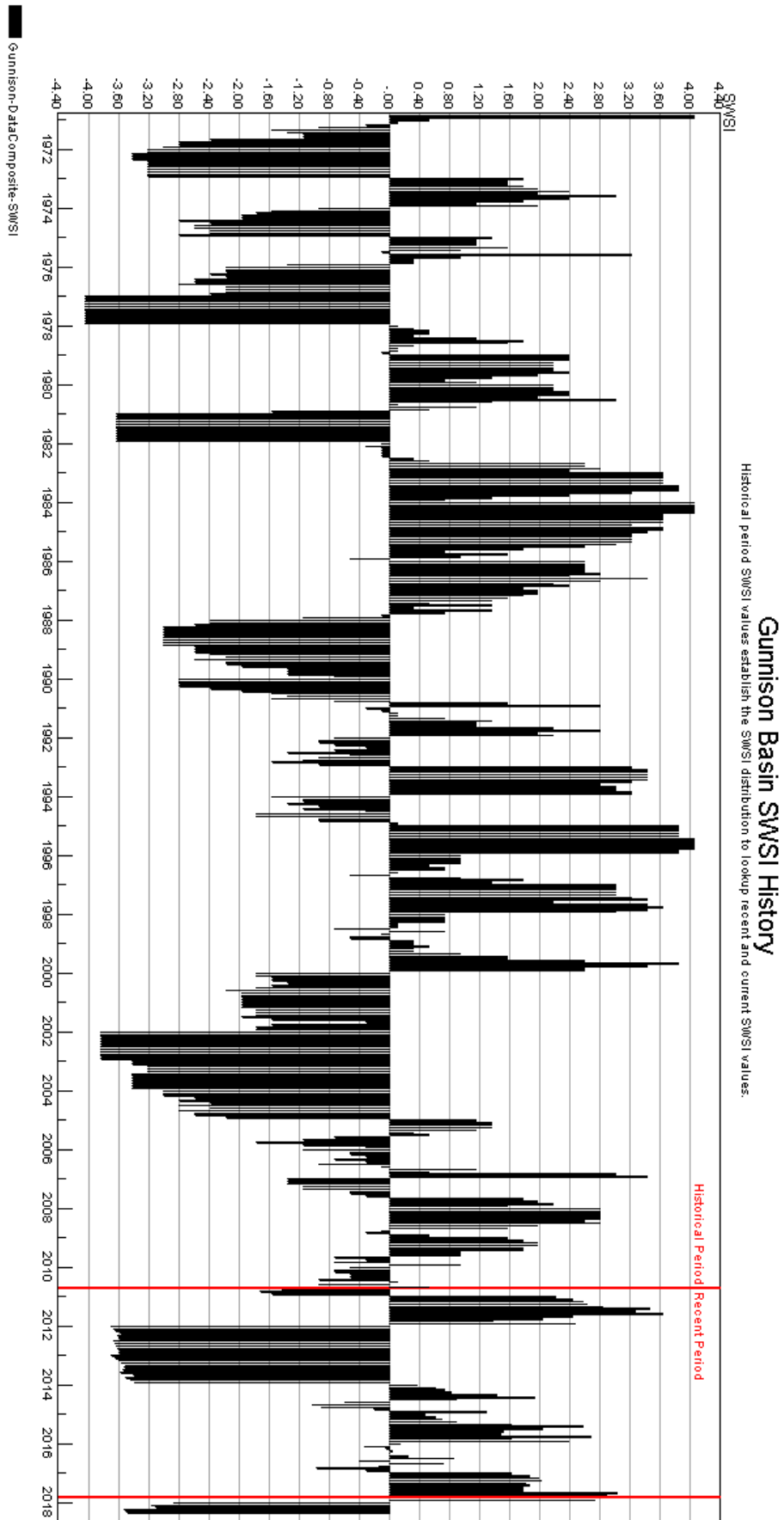
The Uncompahgre Valley Water Users Association (UVWUA) diverted 1,000 cfs at the Gunnison Tunnel starting April 16th in order to fill the high demand for water from irrigators. This was greater than the natural inflow to the Aspinall Unit for many days, which resulted in the use of over 5,200 acre-feet of Taylor Park storage in April. In addition, low flows on the Uncompahgre River resulted in the UVWUA using over 1,400 acre-feet of storage from Ridgway Reservoir during April as well. The UVWUA usually does not utilize storage until later in the season. Consequently, they considered placing a call on the Uncompahgre River at the Montrose & Delta Canal, but decided to use storage prior to the peak snowmelt runoff and place a call after the runoff is over and flows begin to drop again. As it appears that most Gunnison streams have already peaked as of May 14th, the call could be placed before the end of May. The Uncompahgre River call only occurs in severely dry years and, therefore, the last call on this system occurred in 2013.

During most of April, Division of Water Resources (DWR) Water Commissioners administered calls on the tributaries on the Grand Mesa down to 1883 priorities. These calls placed most of the 92 reservoirs on those tributaries out of priority and unable to fill until the call is removed. As such, the Division of Water Resources created a new administration tool that is shared to the public via the Division 4 webpage that uses measured gauge rod elevations to accurately determine the amount of out-of-priority storage that occurs. When the reservoirs thaw out, which will be in mid to late May this year, the Water Commissioners will release any out of priority storage and deliver it to those rights that would have benefited during the call if the reservoirs hadn't been filling.

Public Use Impacts

While low flows are usually not good for rafting guides, the lack of big releases from Crystal Reservoir this year is welcomed by the fly fishing guides as it will produce great fishing conditions in the Gunnison Gorge during their peak season.





Basinwide Conditions Assessment

The SWSI value for the month was -1.7.

Outlook

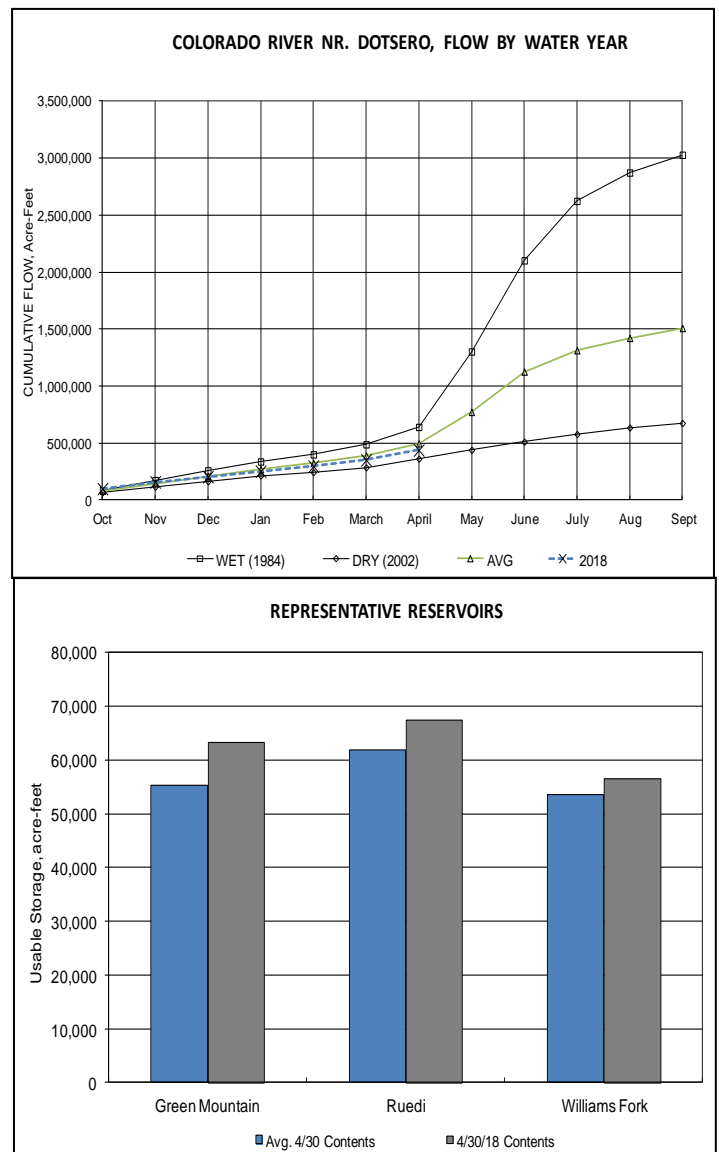
Colorado River flows are running at or below average and are forecasted to run below average with tributary flows running about average through May. As of May 10th, the Upper Colorado River Basin snowpack was 48 percent of median snow water equivalent and 72 percent of average precipitation. Above average temperatures and above average precipitation are forecast for May.

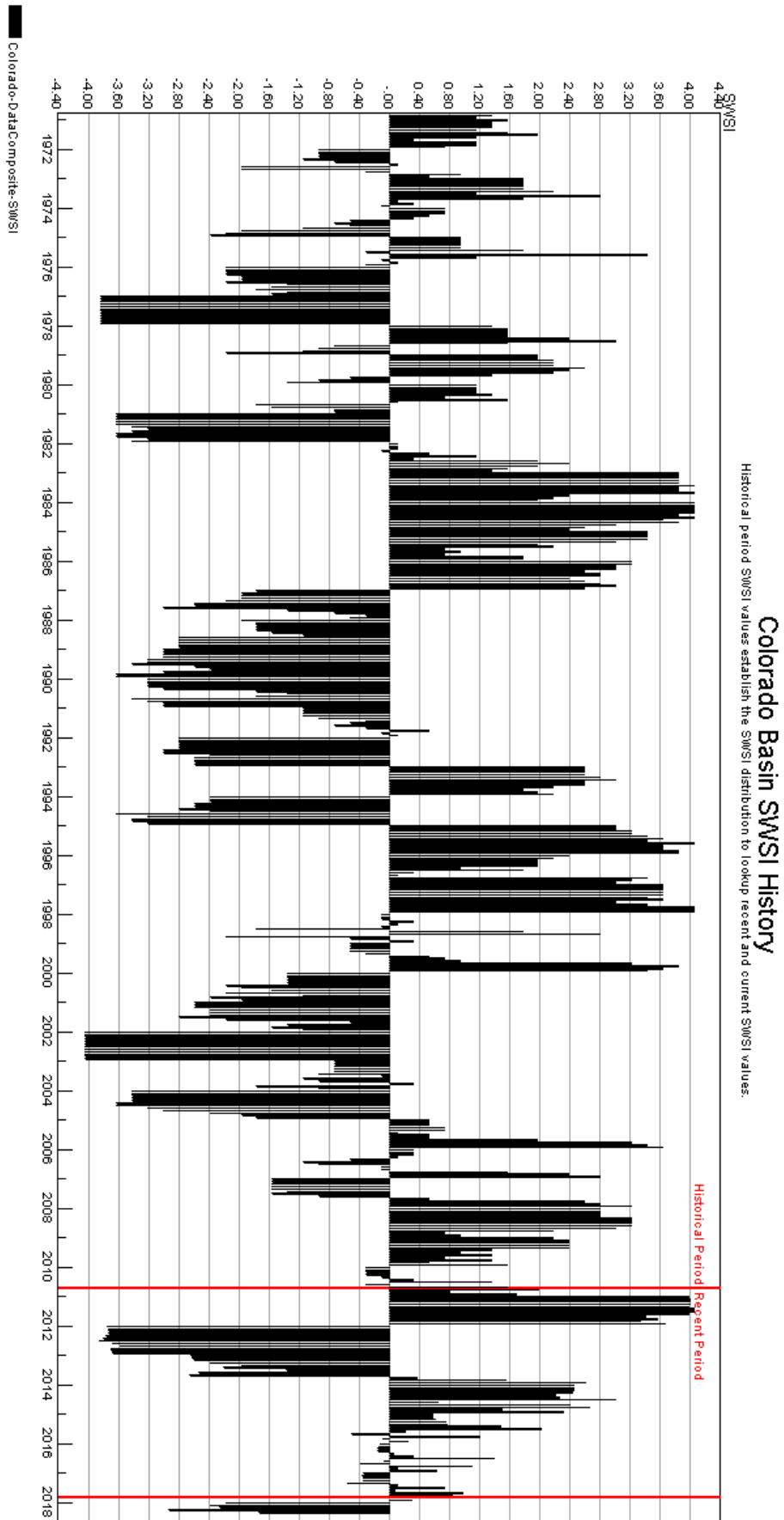
Administrative/Management Concerns

There is currently no call on the Colorado River. As of May 7, 2018, there is a call on the Blue River and the calling right is the 1946 Green Mountain Reservoir Power plant and Green Mountain has started to fill. Wolford Reservoir has also started to fill and Ruedi Reservoir has been increasing outflows as inflows increase. Grand Valley Irrigation diversions (Government Highline/Orchard Mesa Irrigation, Grand Valley Irrigation canals) are running and are at or near full capacity.

Public Use Impacts

Commercial river users, including rafting companies and fly fishing companies, don't foresee a negative impact to their businesses due to dry conditions. Novices and families are the core clientele of rafting companies and they prefer when the rivers are running slower and when the rapids are less intimidating. It's also better for the fishing industry when the rivers drop and clear sooner especially in June when visitor numbers are high.





Basinwide Conditions Assessment

The SWSI value for the month was -1.5. April precipitation was near 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 98% 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 April was 87%.

Snowpack for the combined basins as of May 1st, 2018 was at 80% of average. The snow water equivalent (SWE) as of April 30, 2018 was 87% of average for the North Platte River basin and 74% of average for the Yampa River basin and White River basin.

NRCS predicts well below average spring and summer streamflows in the Yampa, White, and North Platte River basins. The latest runoff forecasts from the NRCS for the May through July period are 76% of average for the North Platte River at Northgate, 62% of average for the Yampa River near Maybell, 44% of average for the Little Snake River near Lily, and 46% of average for the White River near Meeker.

All Division 6 stream gages are now open.

Outlook

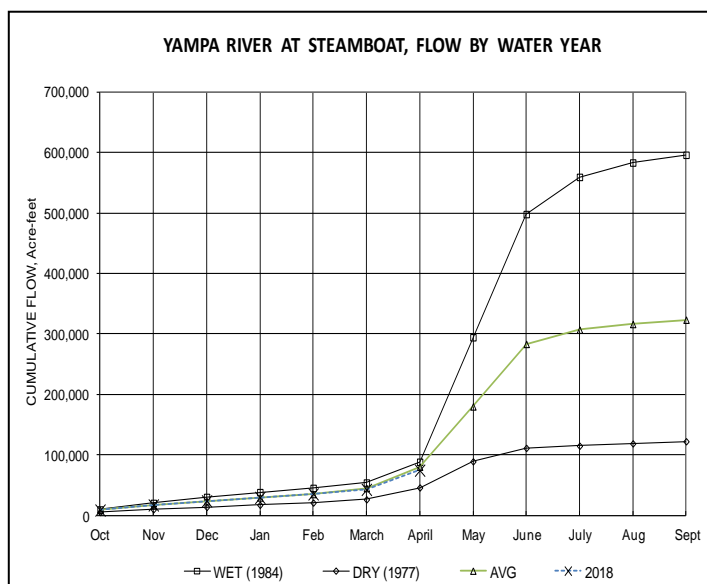
As of April 30th Fish Creek Reservoir was storing approximately 3,275 AF, 79% of capacity. The capacity of Fish Creek Reservoir is 4,167 AF. Yamcolo Reservoir was storing 8,900 AF at the end of April 2018. The capacity of Yamcolo Reservoir is 8,700 AF. The G3 web server is not functioning currently for Elkhead Creek Reservoir. The contact for the Colorado River District will let me know when the site is available. The capacity of Elkhead Creek Reservoir is 24,778 AF. On April 30, 2018, Stagecoach Reservoir was storing 36,200 AF, 99% of capacity.

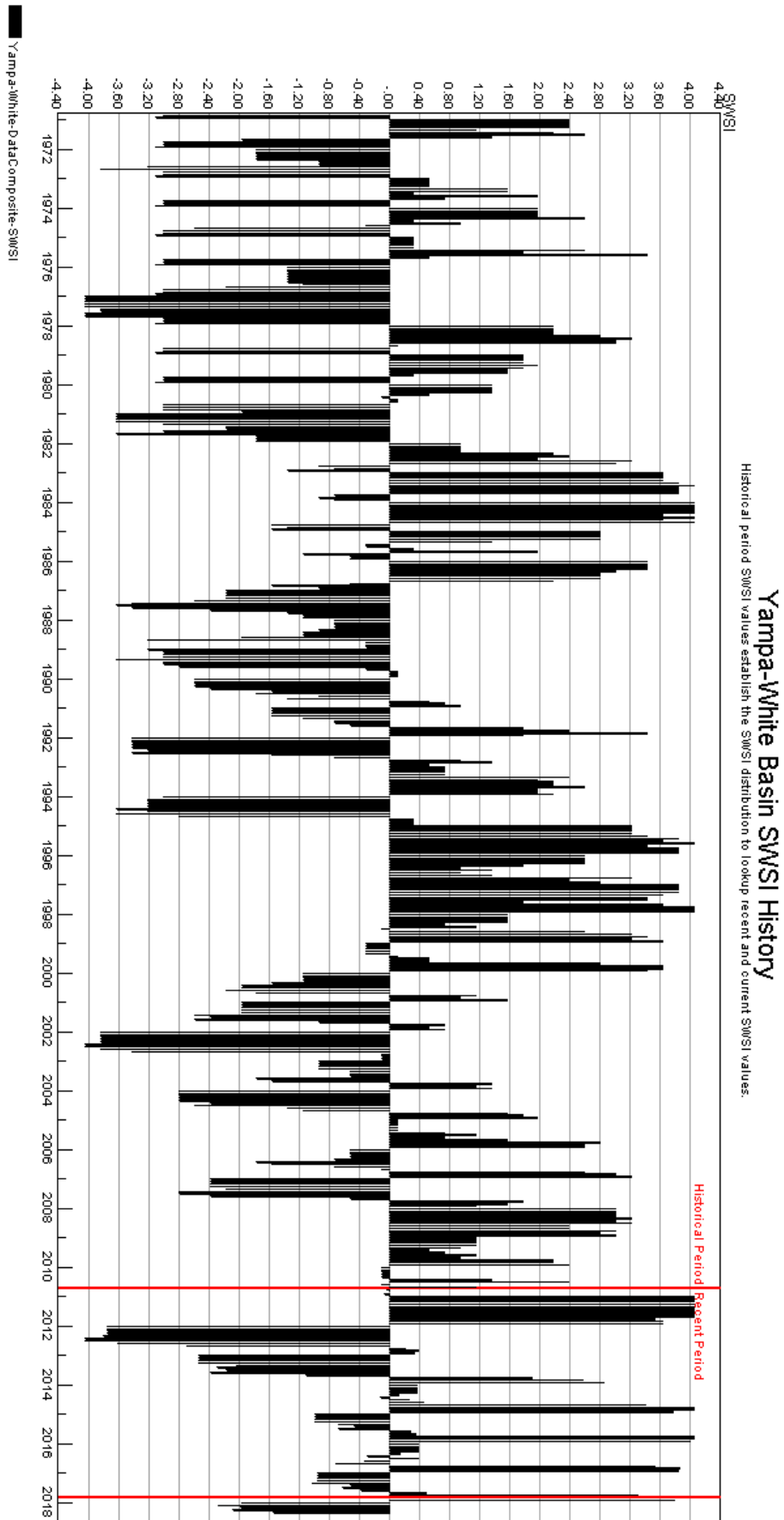
Water stored in Fish Creek Reservoir is used primarily for municipal purposes, Yamcolo Reservoir for irrigation purposes, and Elkhead Creek Reservoir for municipal, industrial, recreational, and fish recovery releases. Stagecoach Reservoir is primarily used for recreation though a significant amount 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. The reservoir is ice free. Motorized boating is now allowed on the reservoir (May 1 - October 31). The swim beach will open on May 15th.

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. Dam construction has begun again. There is no public day use or access to the Sage Flats day use area. Ice on the lake is gone as of May 7th. Creeks are open and flowing but water temperatures are still cold.



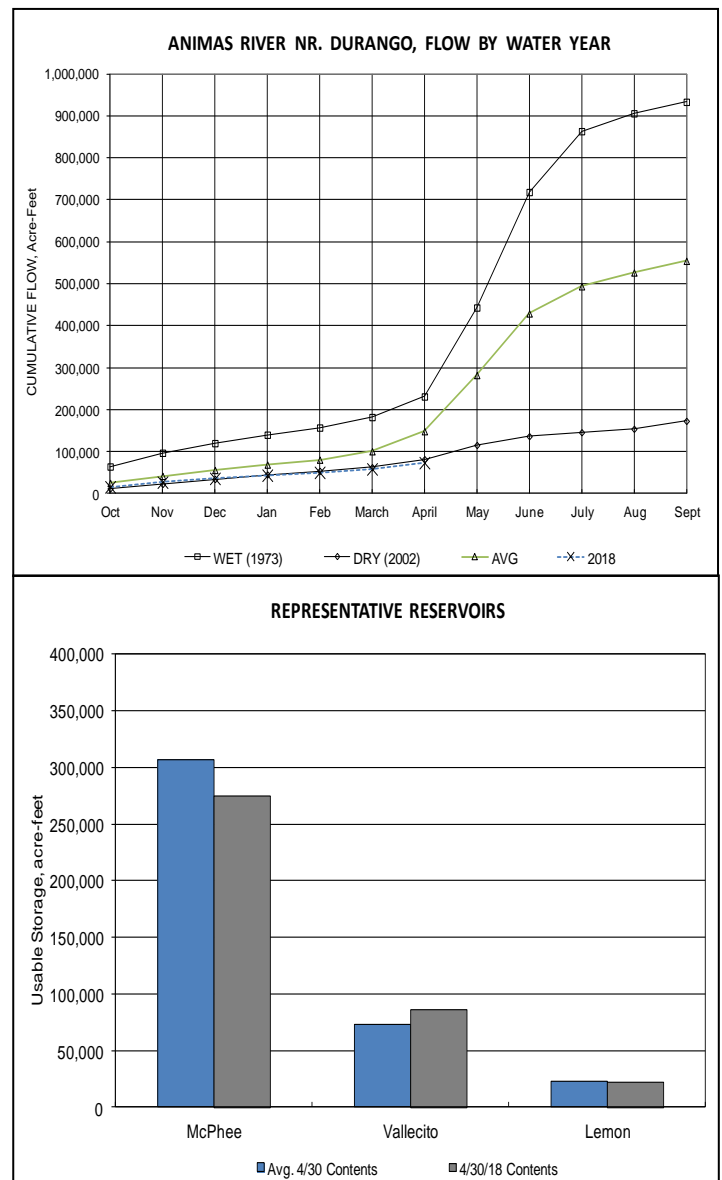


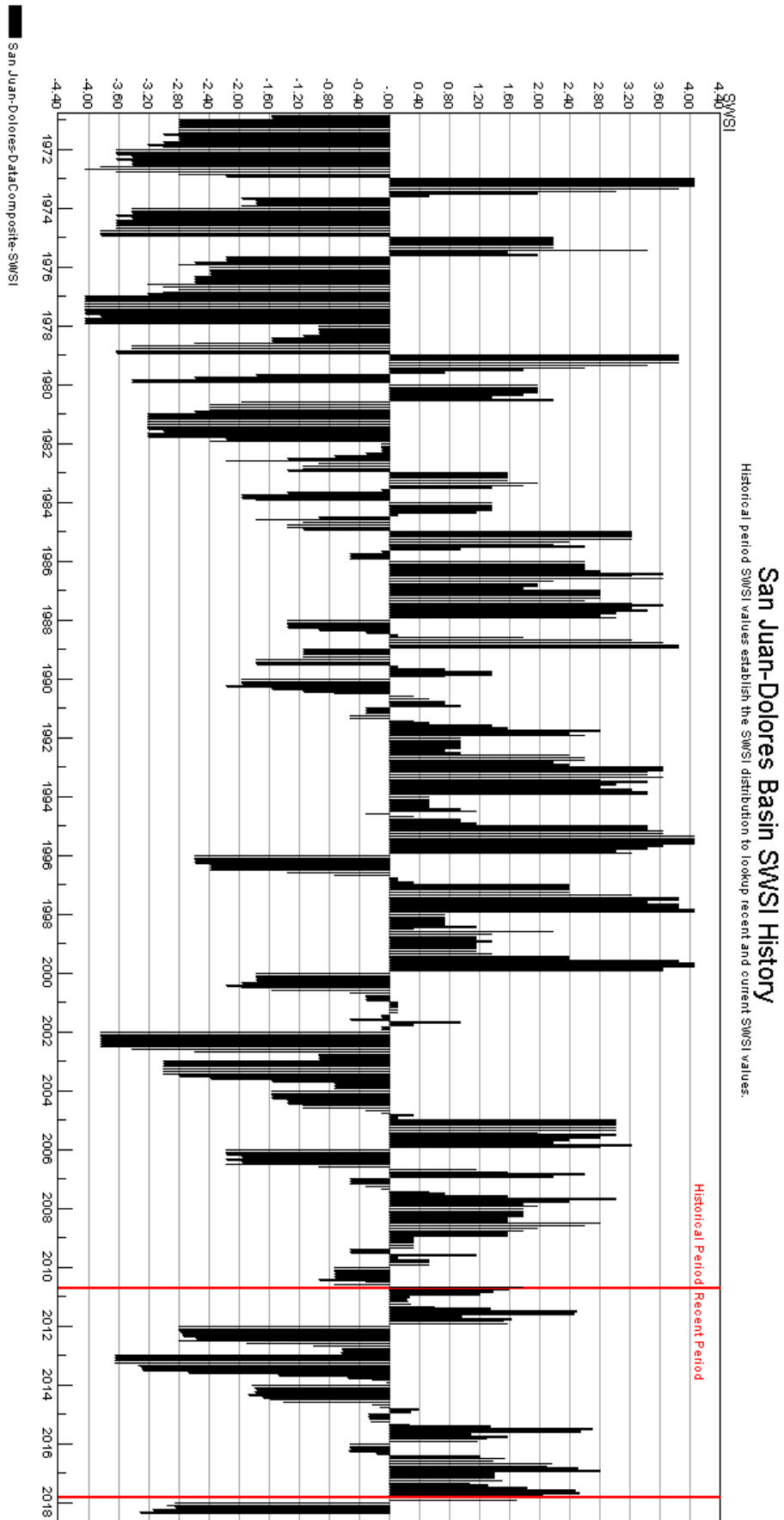
Basinwide Conditions Assessment

The SWSI value for the month was -3.3. Flow at the Animas River at Durango averaged 270 cfs (32% of average). The flow at the Dolores River at Dolores average is 212 cfs (29% of average). The La Plata River at Hesperus averaged 17.5 cfs (22% of average). Precipitation in Durango was 0.45 inches for the month, 33% of the 30-year average of 1.36 inches. Precipitation to date in Durango, for the water year, is 2.98 inches, 26% of the 30-year average of 11.28 inches. End of last month precipitation to date, for the water year was 25% of average. The average high and low temperatures for the month of April in Durango were 68° and 33°. In comparison, the 30-year average high and low for the month is 63° and 31°. At the end of the month Vallecito Reservoir contained 86,239 acre-feet compared to its average content of 67,127 acre-feet (128% of average). McPhee Reservoir was up to 274,705 acre-feet compared to its average content of 308,109 (89% of average), while Lemon Reservoir was up to 21,960 acre-feet as compared to its average content of 23,206 acre-feet (95% of average).

Outlook

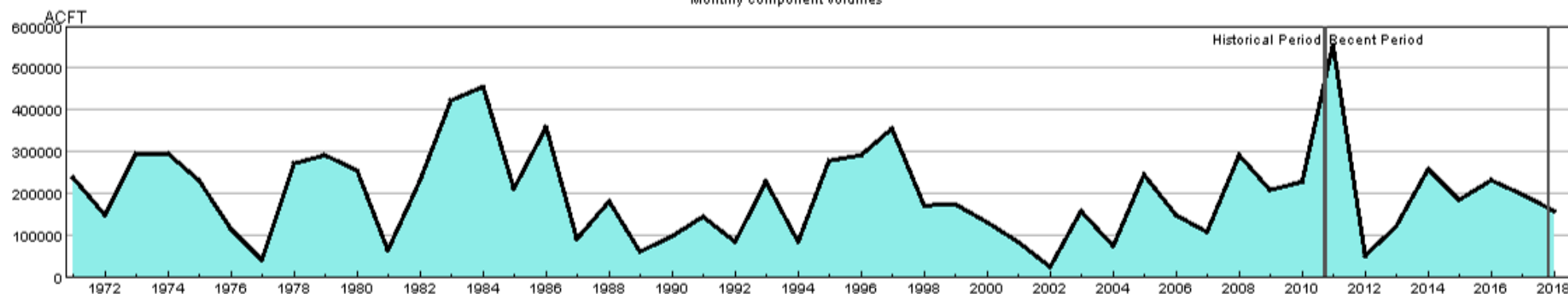
Precipitation (0.45 inches) was well below average for April in Durango. There were 105 years out of 124 years of record where there was more precipitation than this year. The flows in the rivers within the basin remained well below average for this time of year. There are 105 out of 107 years of record where the total flow past the Animas River at Durango stream gauge was more than this year. There were 102 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.





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

Monthly component volumes



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

HUC 10180001 (North Platte Headwaters) SWSI Values - MAY

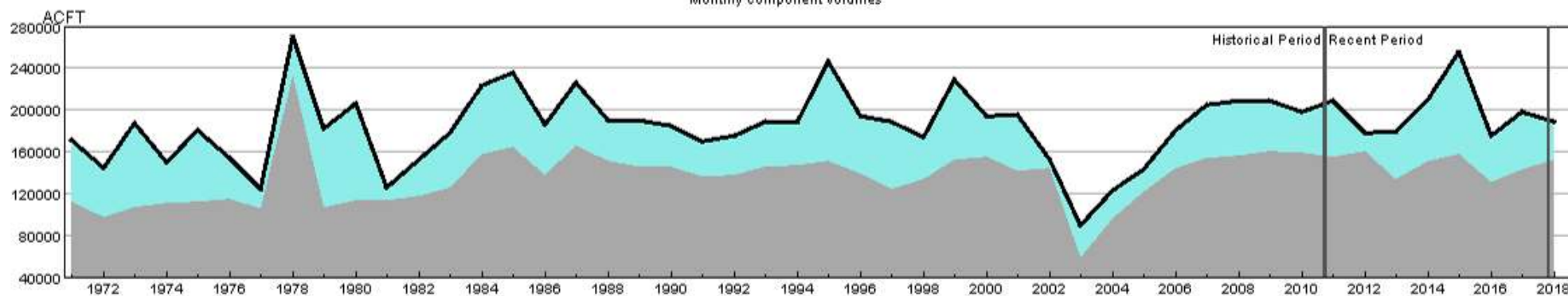
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



- HUC:10180001-MAY-PrevMoStreamflow-SWSI
- HUC:10180001-MAY-ForecastedRunoff-SWSI
- HUC:10180001-MAY-ReservoirStorage-SWSI
- HUC:10180001-MAY-DataComposite-SWSI

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

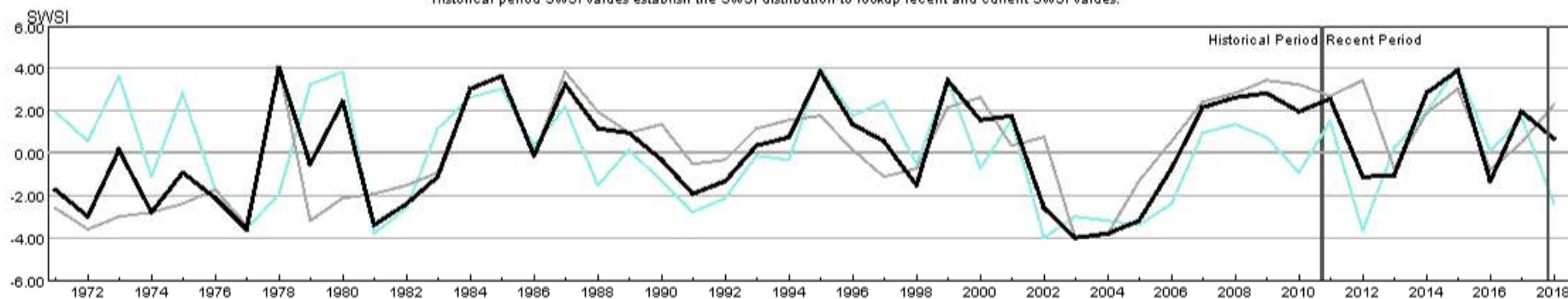
Monthly component volumes



HUC:10190001-MAY-DataComposite
 HUC:10190001-MAY-PrevMoStreamflow
 HUC:10190001-MAY-ForecastedRunoff
 HUC:10190001-MAY-ReservoirStorage

HUC 10190001 (South Platte Headwater) SWSI Values - MAY

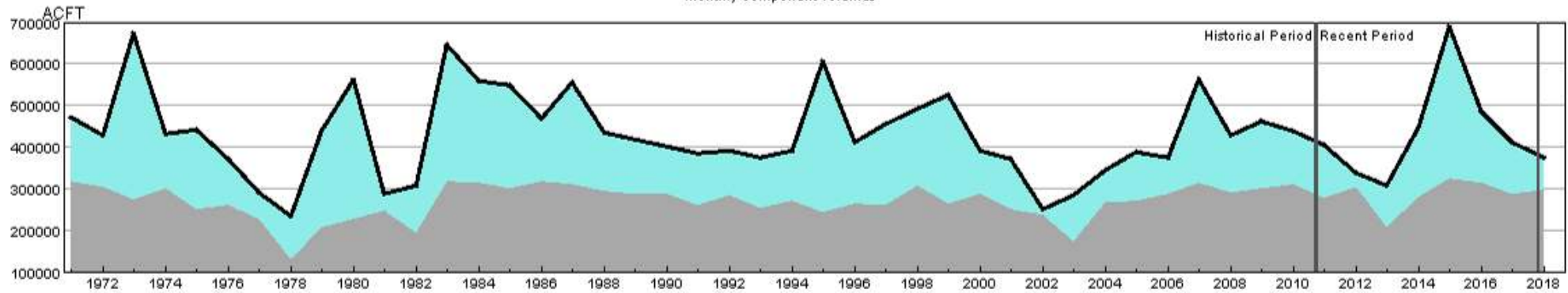
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:10190001-MAY-PrevMoStreamflow-SWSI
 HUC:10190001-MAY-ForecastedRunoff-SWSI
 HUC:10190001-MAY-ReservoirStorage-SWSI
 HUC:10190001-MAY-DataComposite-SWSI

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

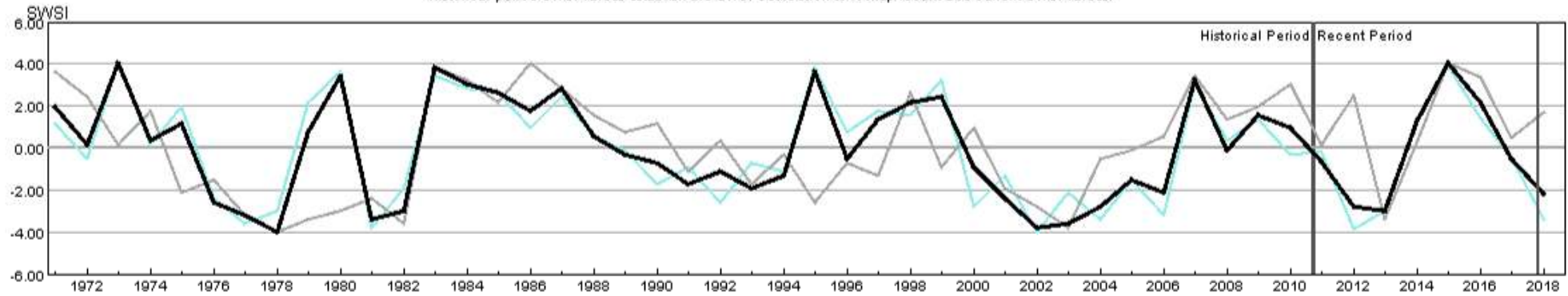
Monthly component volumes



HUC:10190002-MAY-DataComposite
 HUC:10190002-MAY-PrevMoStreamflow
 HUC:10190002-MAY-ForecastedRunoff
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HUC 10190002 (Upper South Platte) SWSI Values - MAY

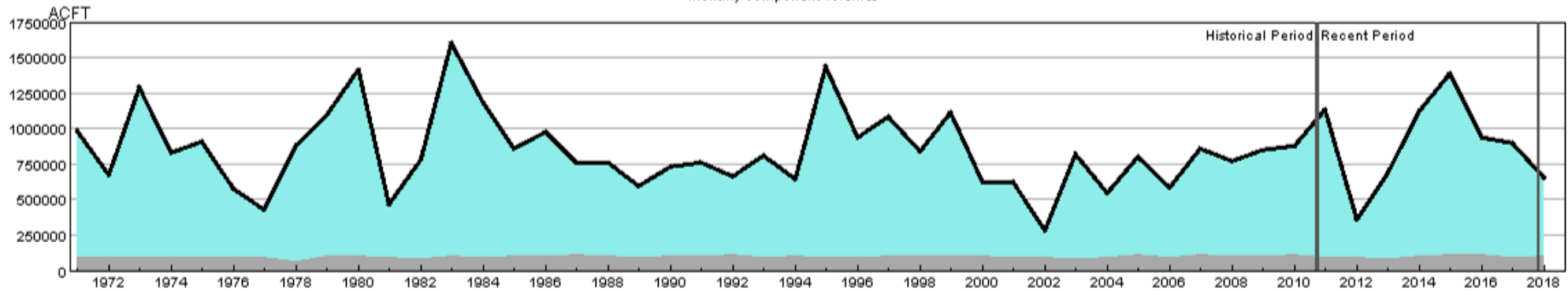
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:10190002-MAY-PrevMoStreamflow-SWSI
 HUC:10190002-MAY-ForecastedRunoff-SWSI
 HUC:10190002-MAY-ReservoirStorage-SWSI
 HUC:10190002-MAY-DataComposite-SWSI

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

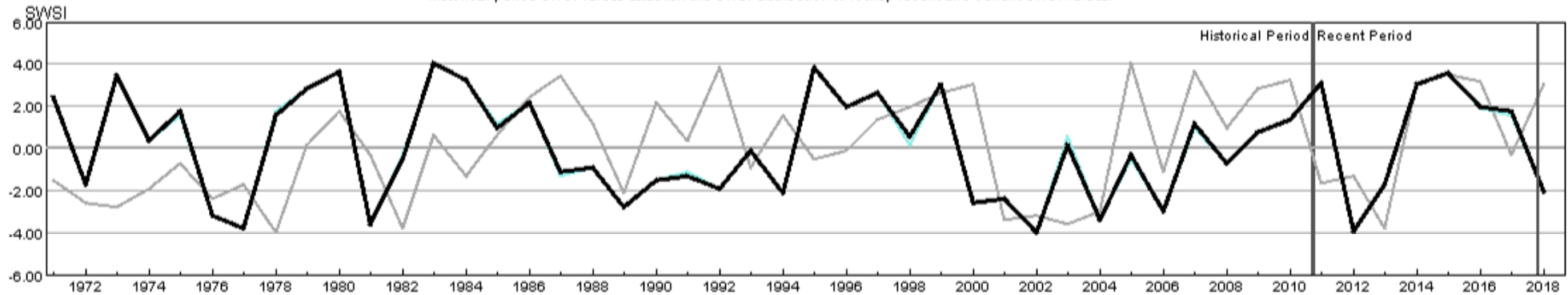
Monthly component volumes



HUC:10190003-MAY-DataComposite
 HUC:10190003-MAY-PrevMoStreamflow
 HUC:10190003-MAY-ForecastedRunoff
 HUC:10190003-MAY-ReservoirStorage

HUC 10190003 (Middle South Platte-Cherry Creek) SWSI Values - MAY

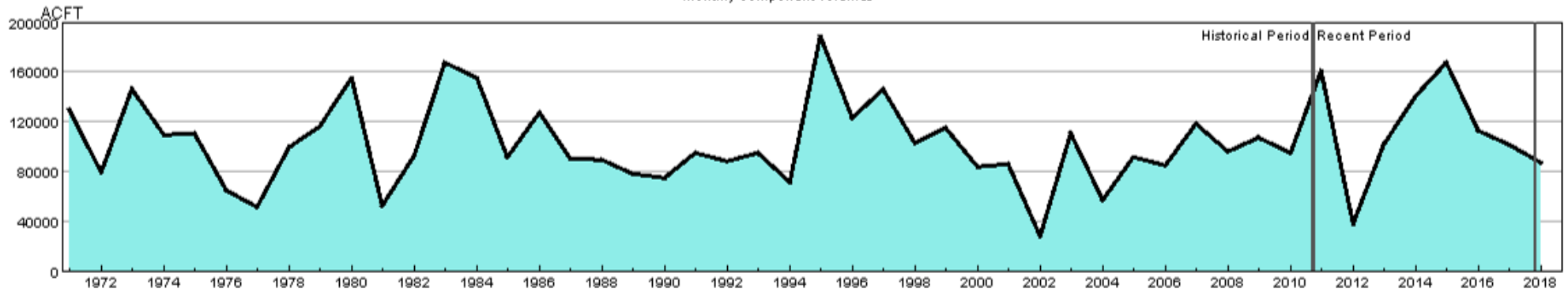
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:10190003-MAY-PrevMoStreamflow-SWSI
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 HUC:10190003-MAY-DataComposite-SWSI

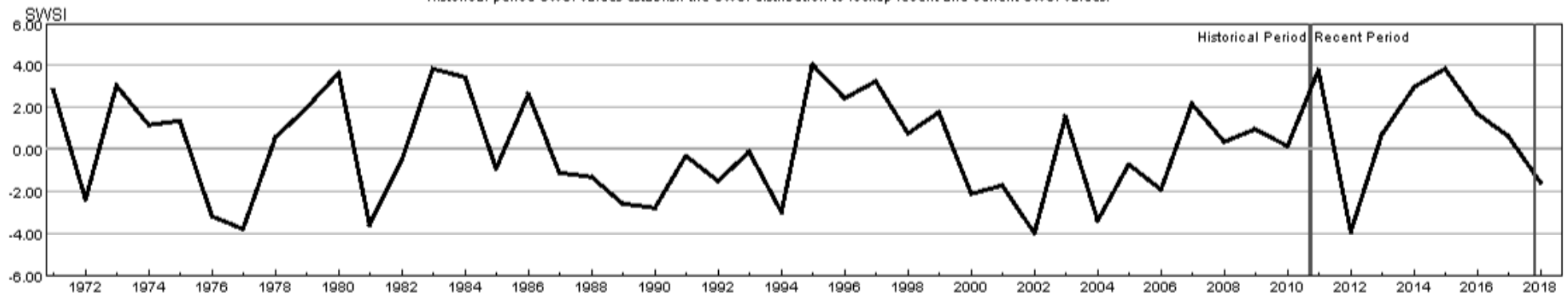
HUC 10190004 (Clear) Surface Water Supply - MAY

Monthly component volumes



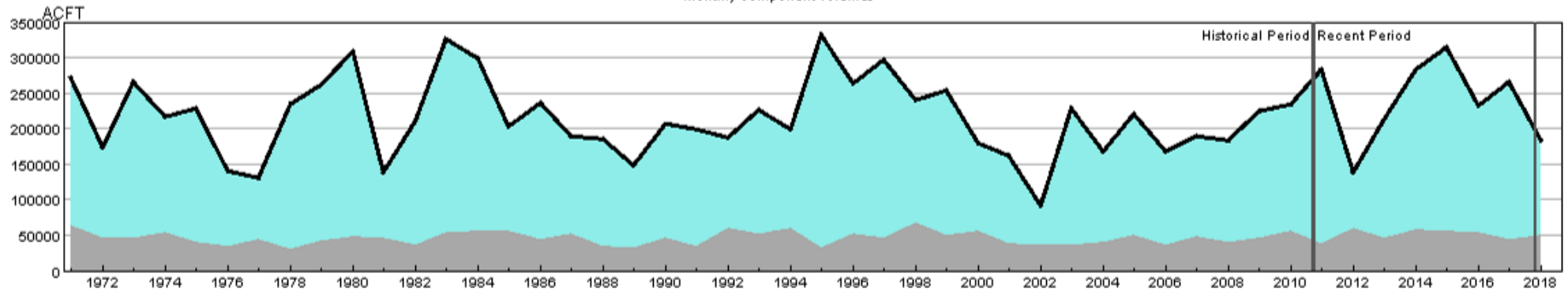
HUC 10190004 (Clear) SWSI Values - MAY

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



HUC 10190005 (St. Vrain) Surface Water Supply - MAY

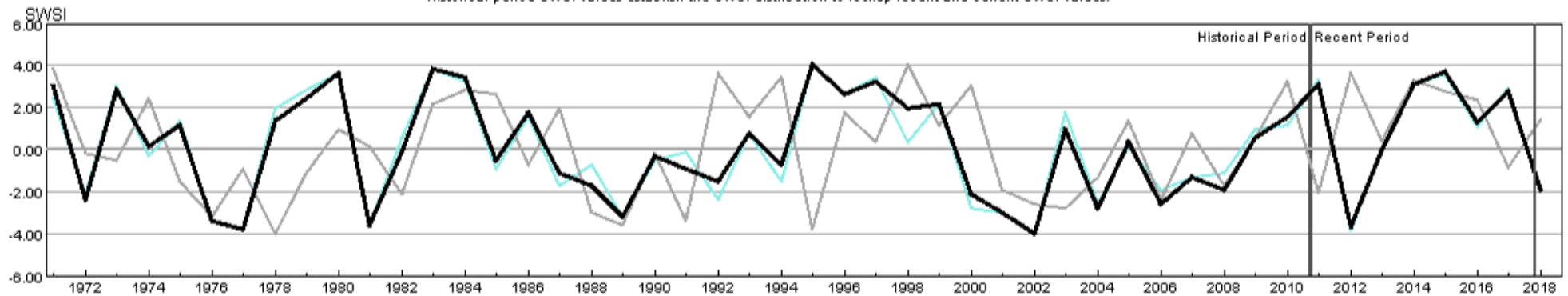
Monthly component volumes



HUC:10190005-MAY-DataComposite
 HUC:10190005-MAY-PrevMoStreamflow
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 HUC:10190005-MAY-ReservoirStorage

HUC 10190005 (St. Vrain) SWSI Values - MAY

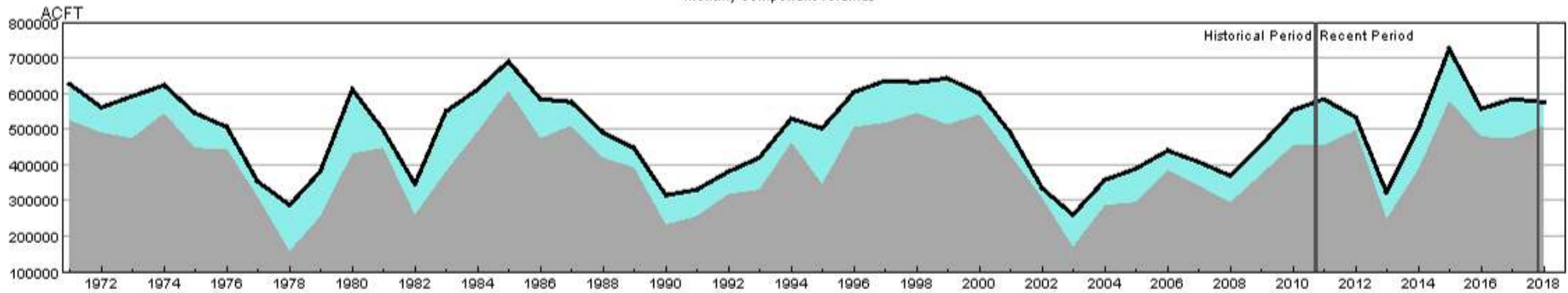
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:10190005-MAY-PrevMoStreamflow-SWSI
 HUC:10190005-MAY-ForecastedRunoff-SWSI
 HUC:10190005-MAY-ReservoirStorage-SWSI
 HUC:10190005-MAY-DataComposite-SWSI

HUC 10190006 (Big Thompson) Surface Water Supply - MAY

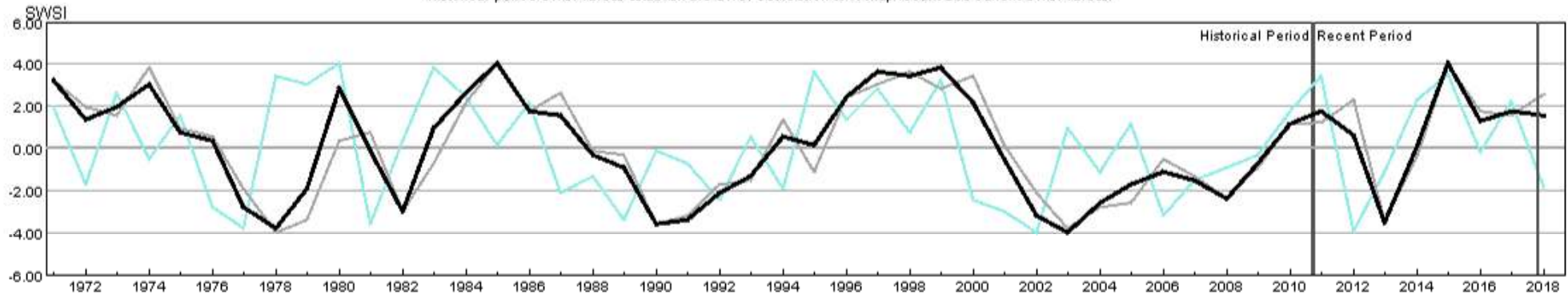
Monthly component volumes



HUC:10190006-MAY-DataComposite
 HUC:10190006-MAY-PrevMoStreamflow
 HUC:10190006-MAY-ForecastedRunoff
 HUC:10190006-MAY-ReservoirStorage

HUC 10190006 (Big Thompson) SWSI Values - MAY

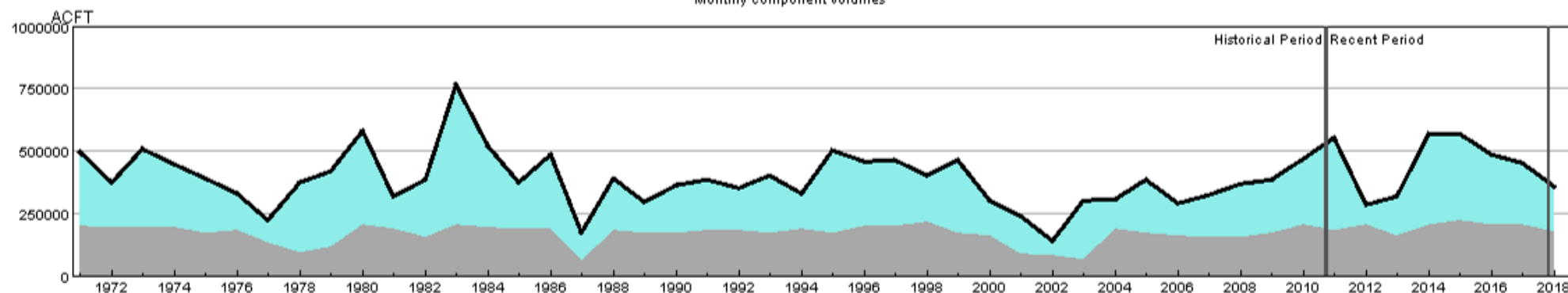
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:10190006-MAY-PrevMoStreamflow-SWSI
 HUC:10190006-MAY-ForecastedRunoff-SWSI
 HUC:10190006-MAY-ReservoirStorage-SWSI
 HUC:10190006-MAY-DataComposite-SWSI

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

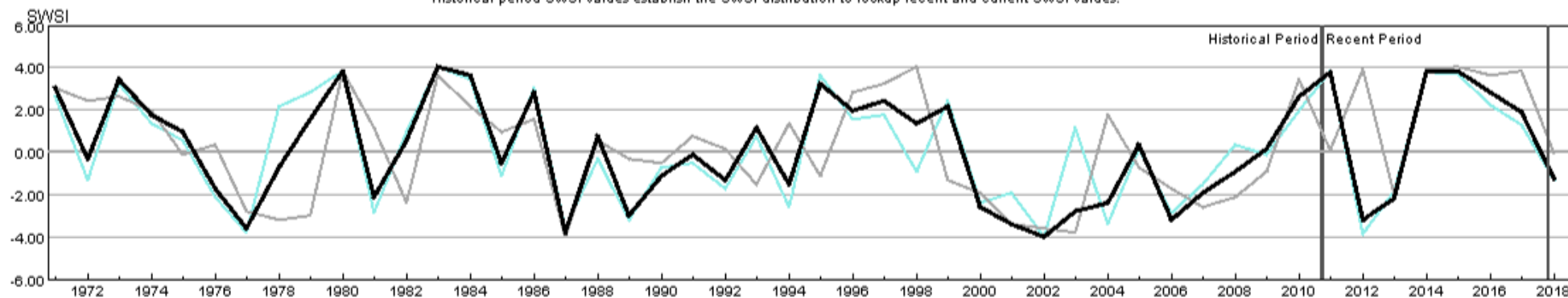
Monthly component volumes



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

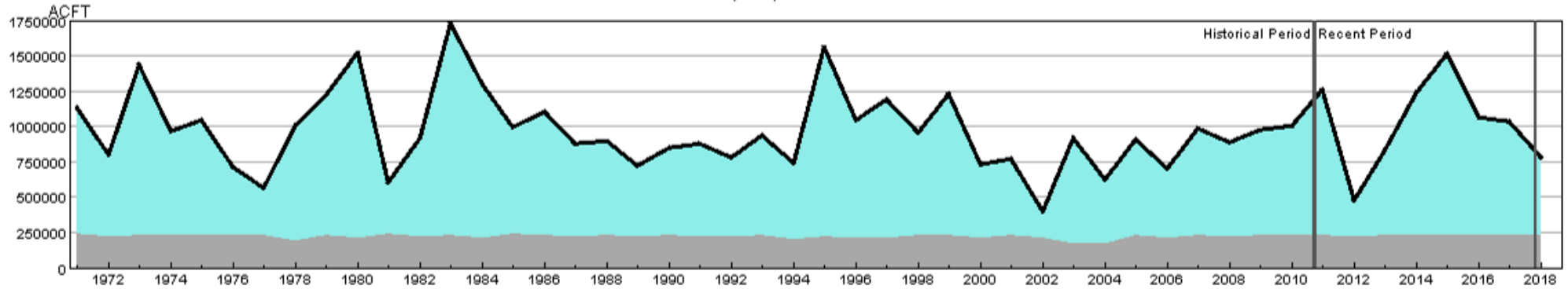
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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 HUC:10190007-MAY-ForecastedRunoff-SWSI
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 HUC:10190007-MAY-DataComposite-SWSI

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

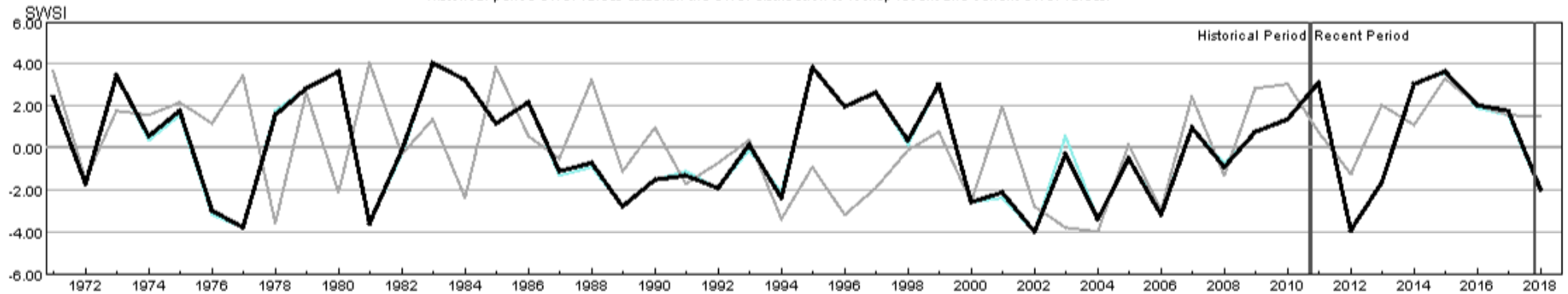
Monthly component volumes



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

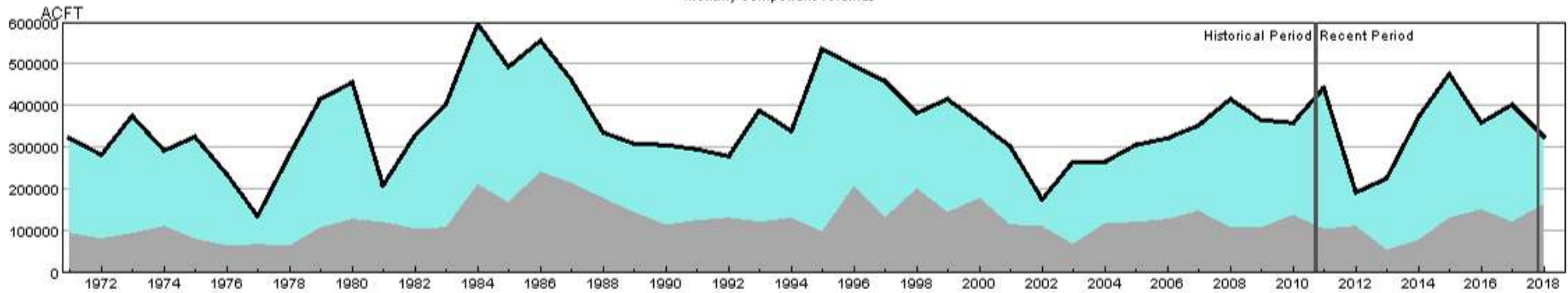
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:10190012-MAY-PrevMoStreamflow-SWSI
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 HUC:10190012-MAY-DataComposite-SWSI

HUC 11020001 (Arkansas Headwaters) Surface Water Supply - MAY

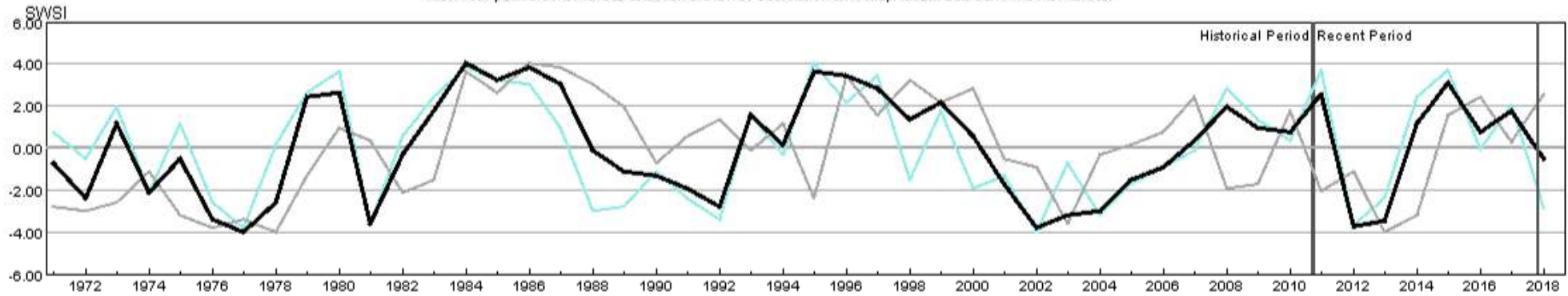
Monthly component volumes



HUC:11020001-MAY-DataComposite
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 HUC:11020001-MAY-ReservoirStorage

HUC 11020001 (Arkansas Headwaters) SWSI Values - MAY

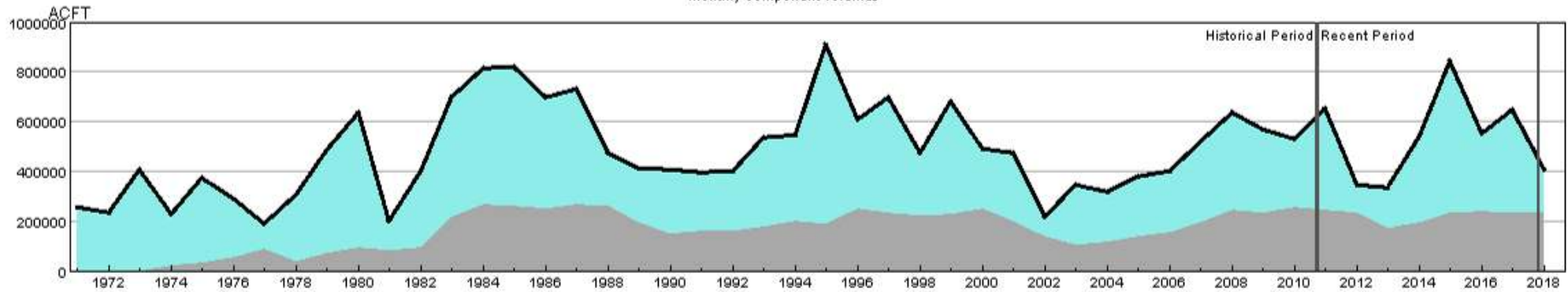
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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HUC 11020002 (Upper Arkansas) Surface Water Supply - MAY

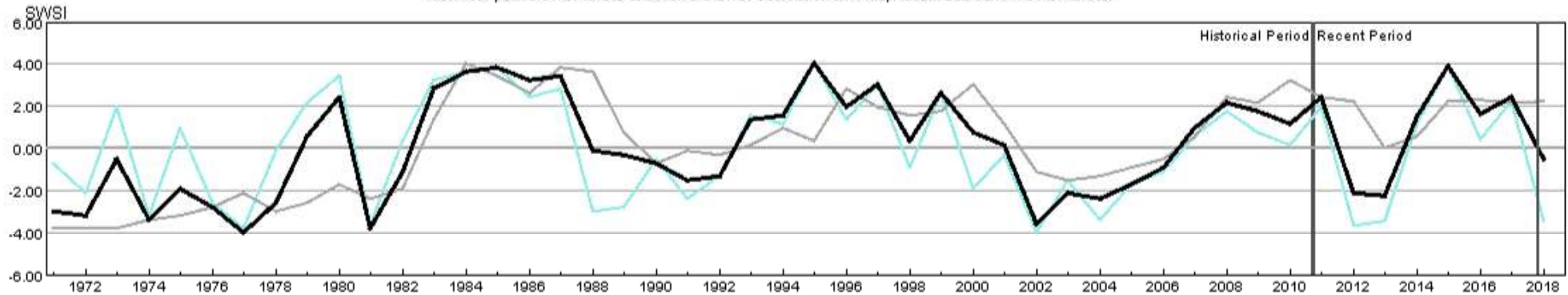
Monthly component volumes



HUC:11020002-MAY-DataComposite
 HUC:11020002-MAY-PrevMoStreamflow
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 HUC:11020002-MAY-ReservoirStorage

HUC 11020002 (Upper Arkansas) SWSI Values - MAY

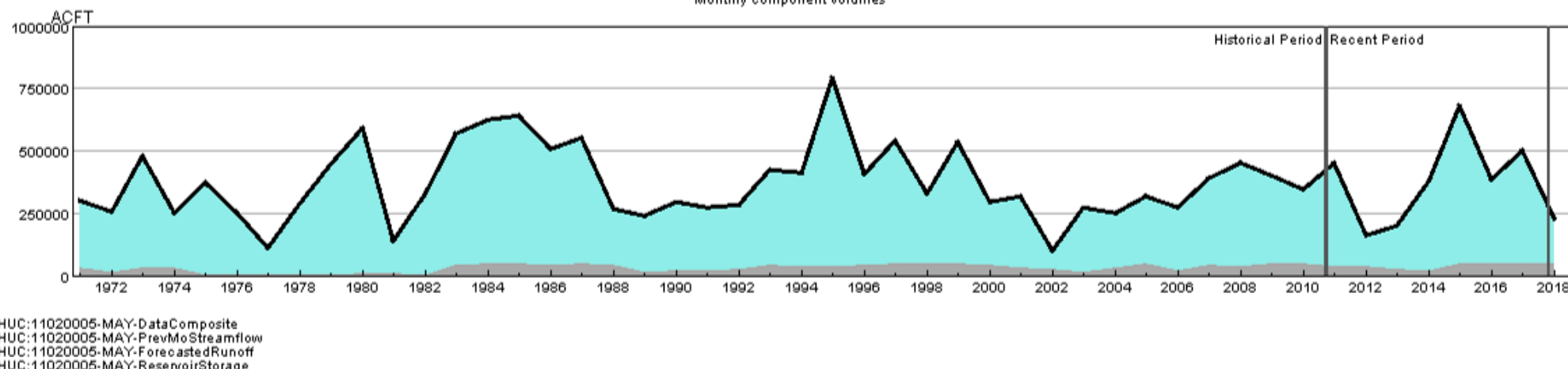
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:11020002-MAY-PrevMoStreamflow-SWSI
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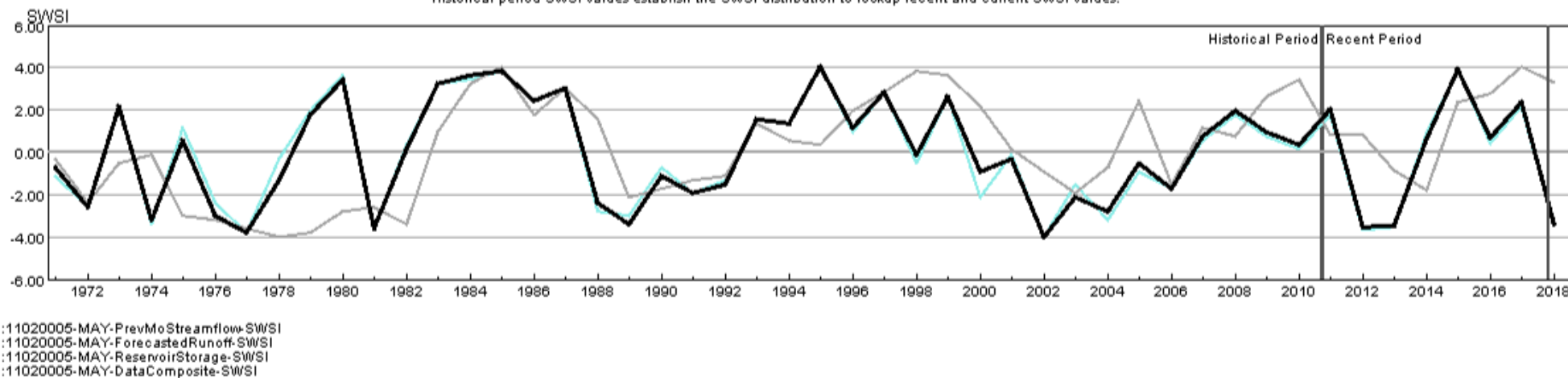
HUC 11020005 (Upper Arkansas-Lake Meredith) Surface Water Supply - MAY

Monthly component volumes



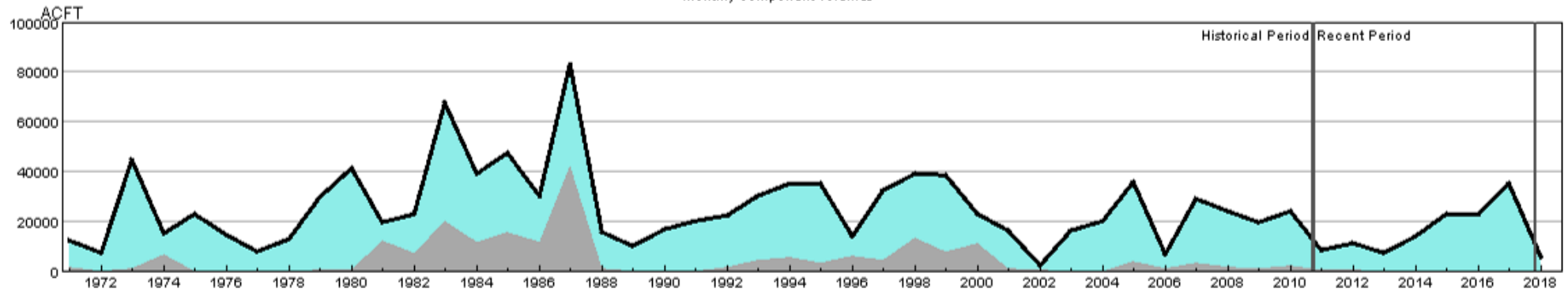
HUC 11020005 (Upper Arkansas-Lake Meredith) SWSI Values - MAY

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



HUC 11020006 (Huerfano) Surface Water Supply - MAY

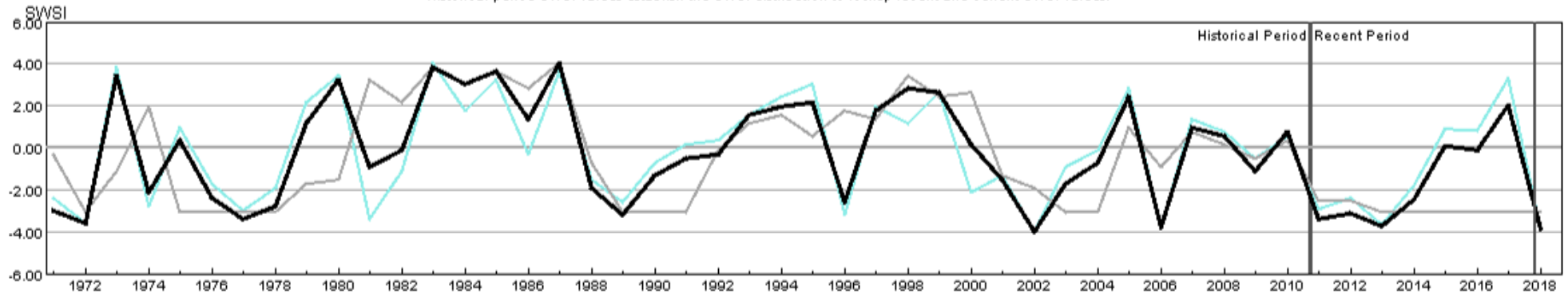
Monthly component volumes



HUC:11020006-MAY-DataComposite
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 HUC:11020006-MAY-ReservoirStorage

HUC 11020006 (Huerfano) SWSI Values - MAY

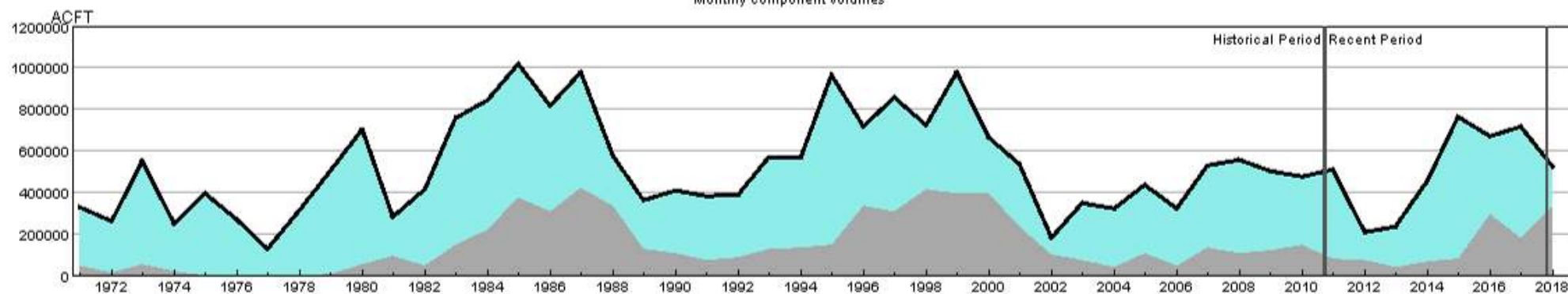
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:11020006-MAY-PrevMoStreamflow-SWSI
 HUC:11020006-MAY-ForecastedRunoff-SWSI
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HUC 11020009 (Upper Arkansas-John Martin Reservoir) Surface Water Supply - MAY

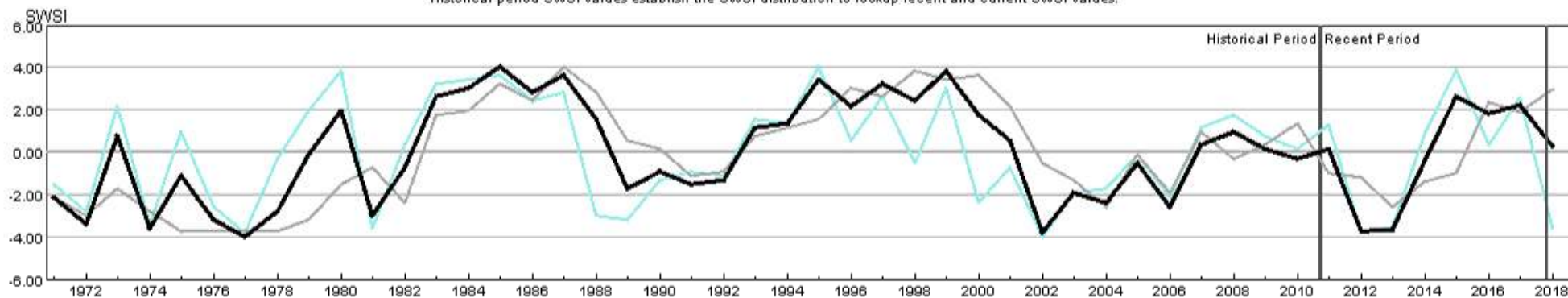
Monthly component volumes



HUC:11020009-MAY-DataComposite
 HUC:11020009-MAY-PrevMoStreamflow
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HUC 11020009 (Upper Arkansas-John Martin Reservoir) SWSI Values - MAY

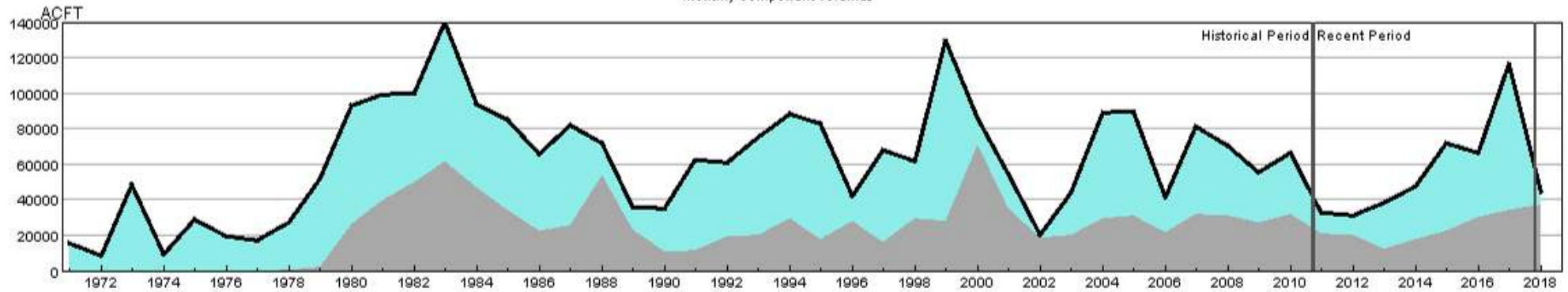
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:11020009-MAY-PrevMoStreamflow-SWSI
 HUC:11020009-MAY-ForecastedRunoff-SWSI
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 HUC:11020009-MAY-DataComposite-SWSI

HUC 11020010 (Purgatoire) Surface Water Supply - MAY

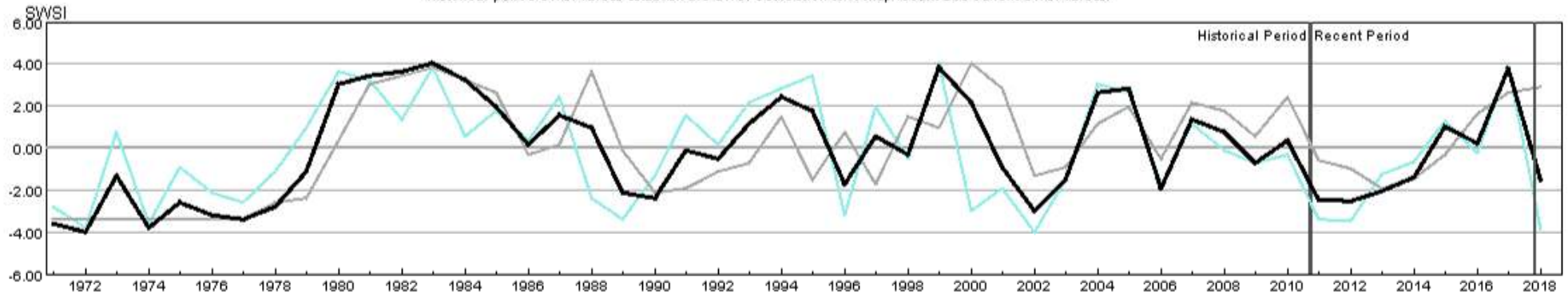
Monthly component volumes



HUC:11020010-MAY-DataComposite
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 HUC:11020010-MAY-ReservoirStorage

HUC 11020010 (Purgatoire) SWSI Values - MAY

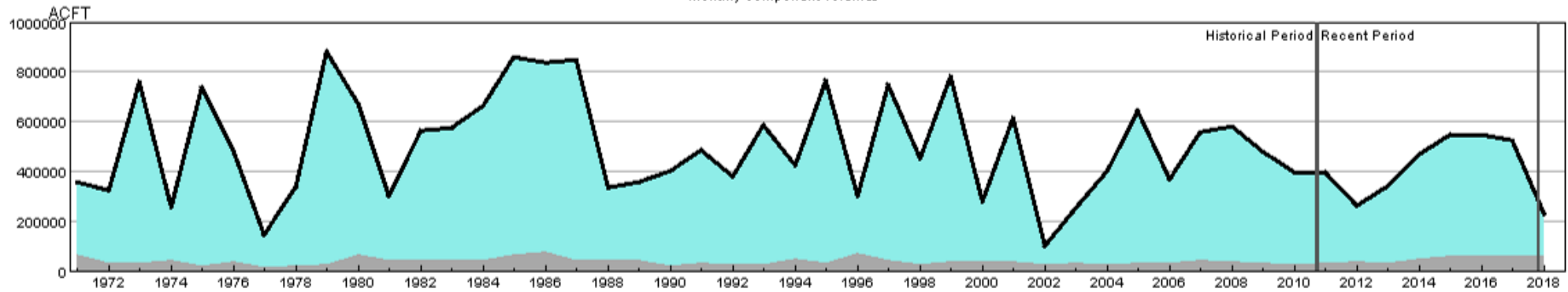
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

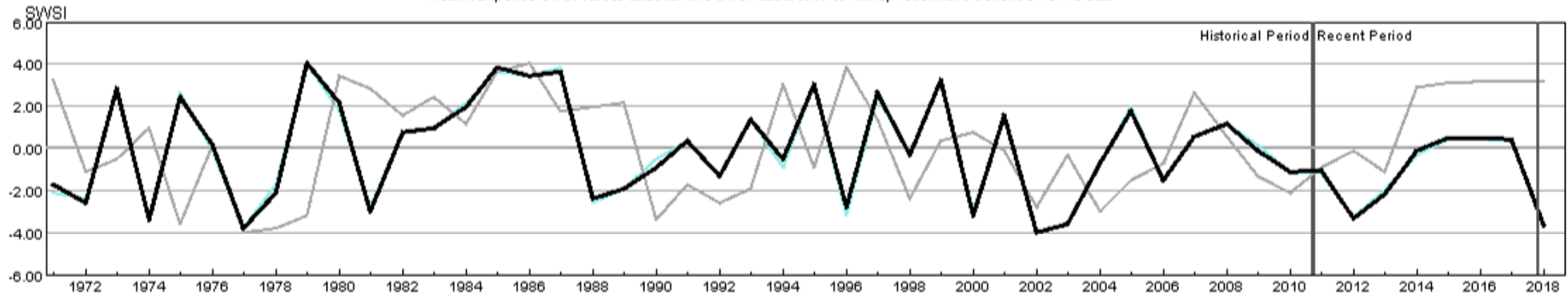
Monthly component volumes



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

HUC 13010001 (Rio Grande Headwaters) SWSI Values - MAY

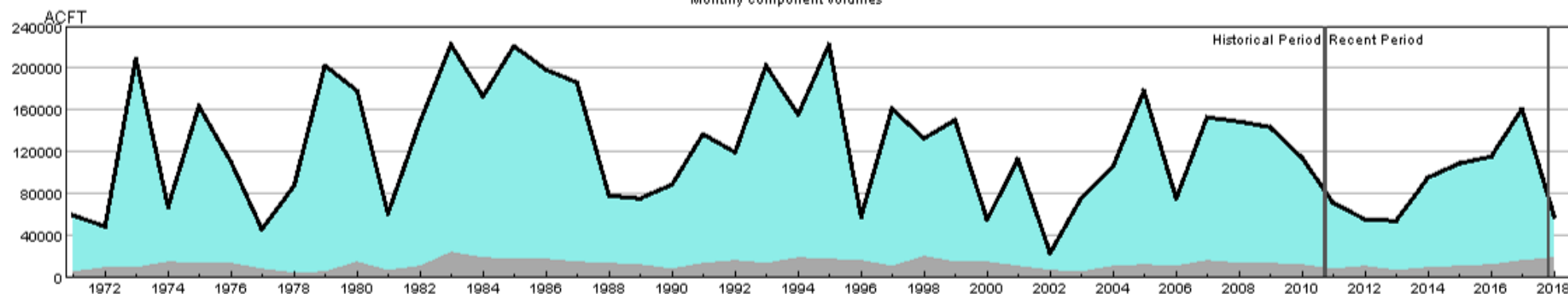
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

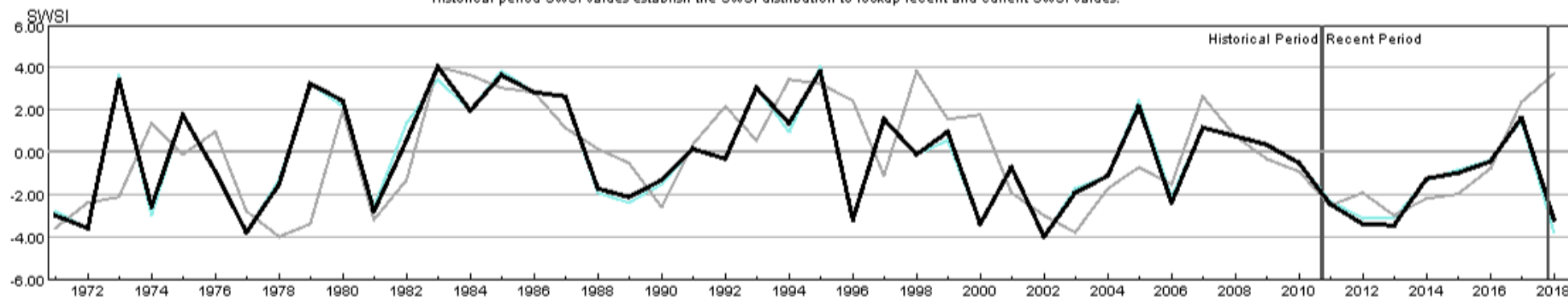
Monthly component volumes



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

HUC 13010002 (Alamosa-Trinchera) SWSI Values - MAY

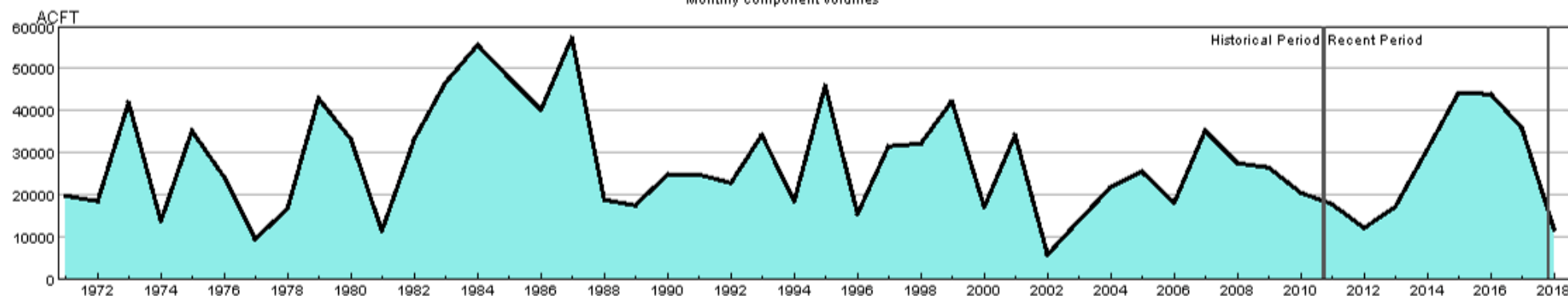
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 13010004 (Saguache) Surface Water Supply - MAY

Monthly component volumes



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

HUC 13010004 (Saguache) SWSI Values - MAY

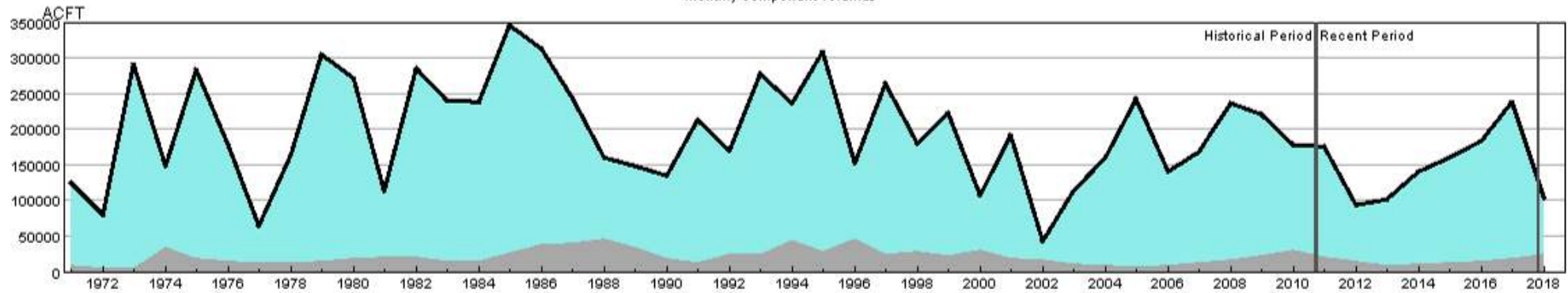
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 13010005 (Conejos) Surface Water Supply - MAY

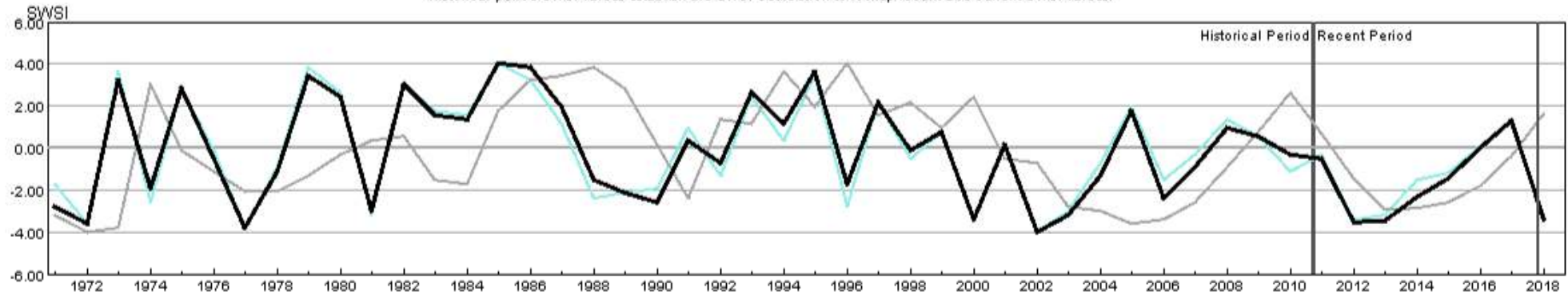
Monthly component volumes



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

HUC 13010005 (Conejos) SWSI Values - MAY

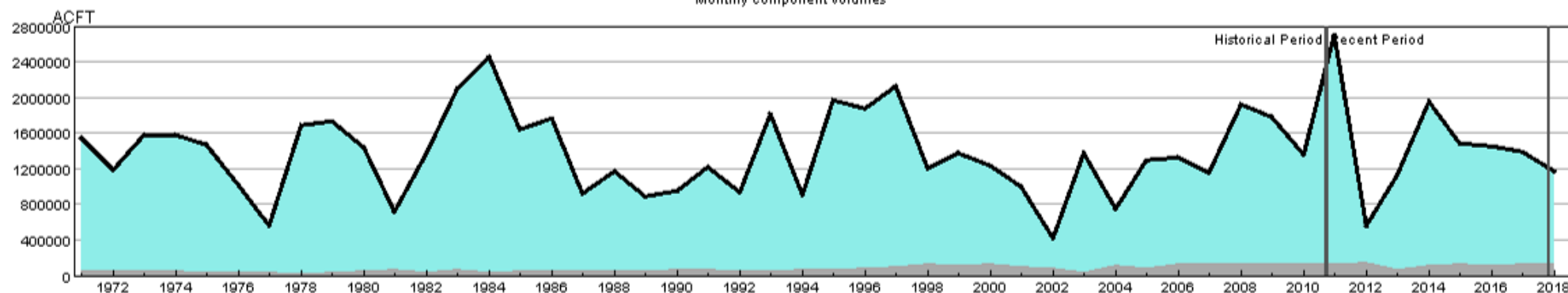
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14010001 (Colorado Headwaters) Surface Water Supply - MAY

Monthly component volumes



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

HUC 14010001 (Colorado Headwaters) SWSI Values - MAY

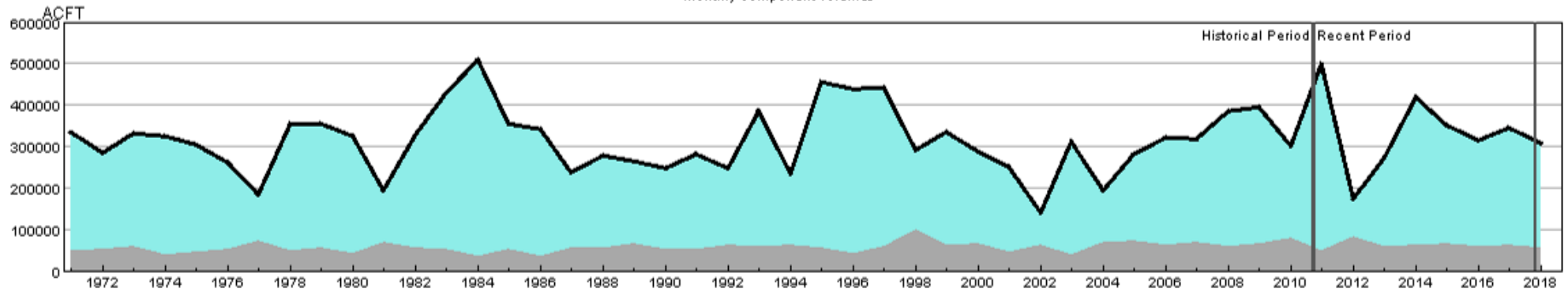
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14010002 (Blue) Surface Water Supply - MAY

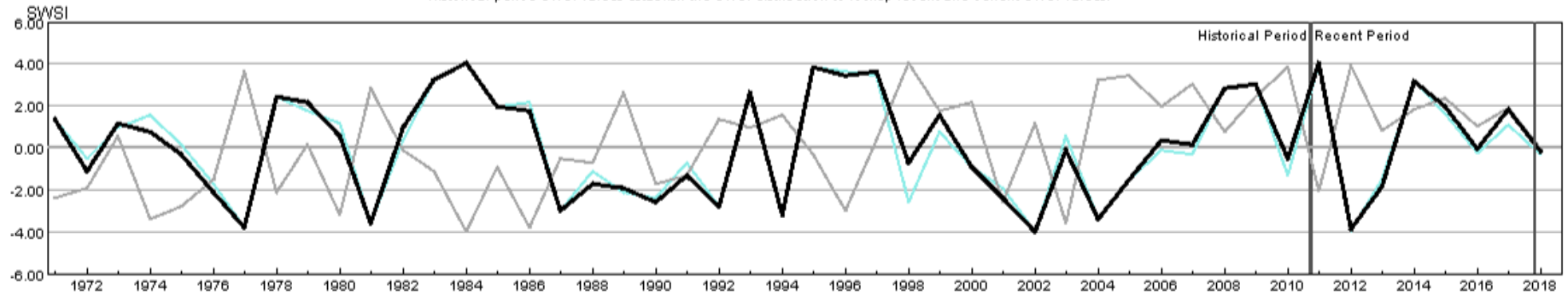
Monthly component volumes



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

HUC 14010002 (Blue) SWSI Values - MAY

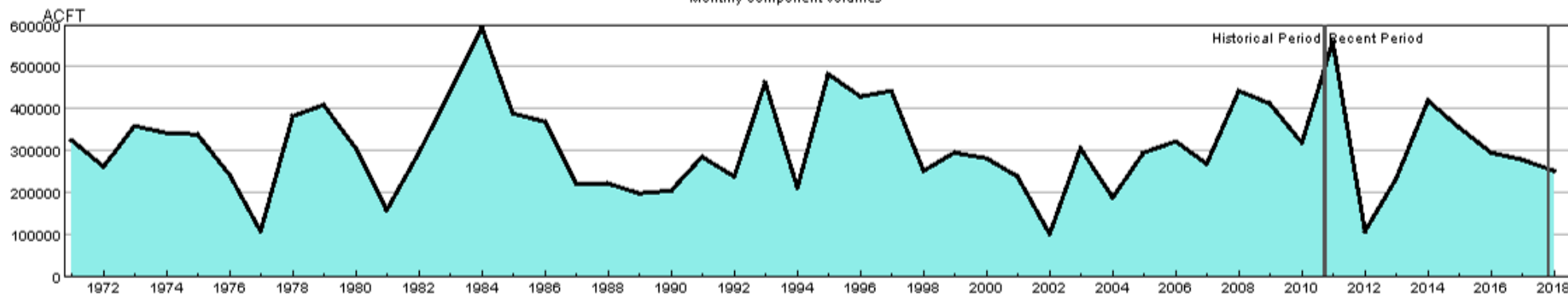
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14010003 (Eagle) Surface Water Supply - MAY

Monthly component volumes



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

HUC 14010003 (Eagle) SWSI Values - MAY

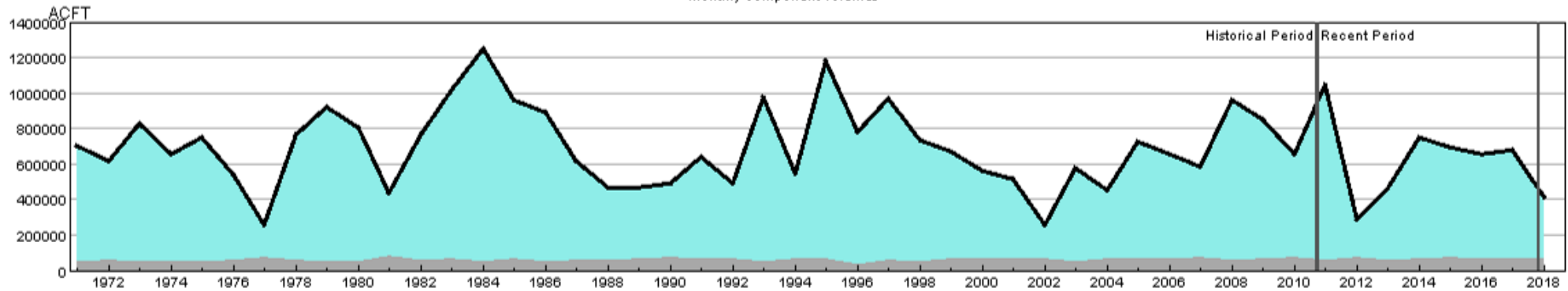
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14010004 (Roaring Fork) Surface Water Supply - MAY

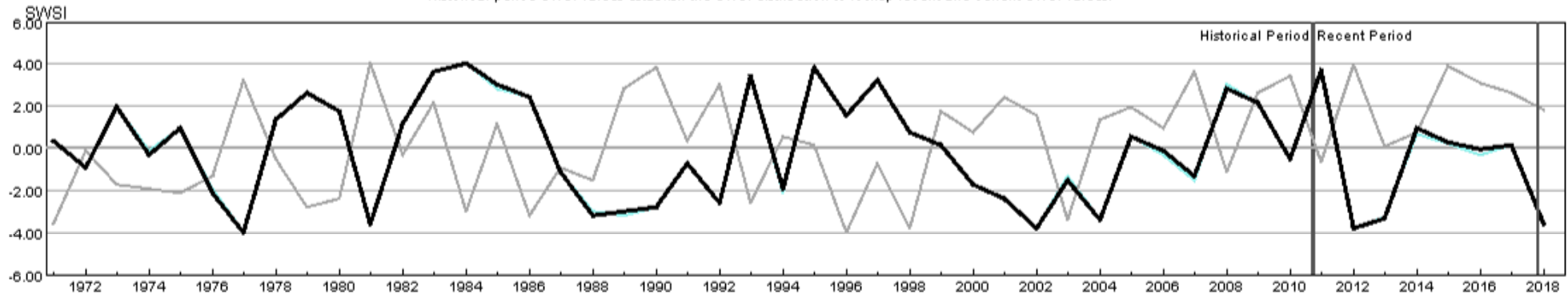
Monthly component volumes



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

HUC 14010004 (Roaring Fork) SWSI Values - MAY

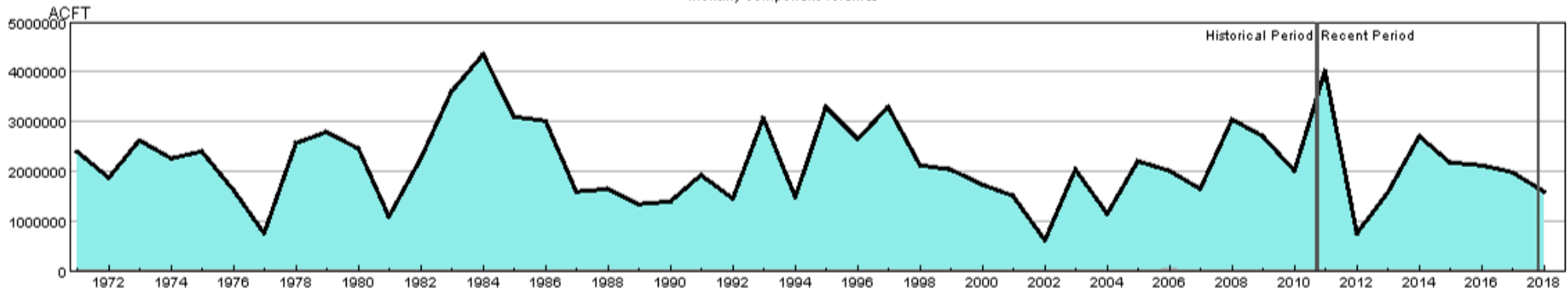
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

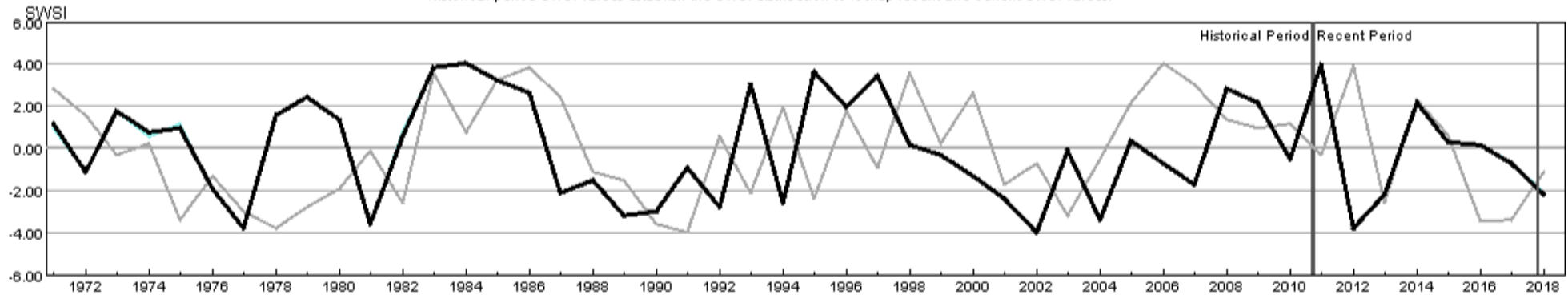
Monthly component volumes



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

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

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



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

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

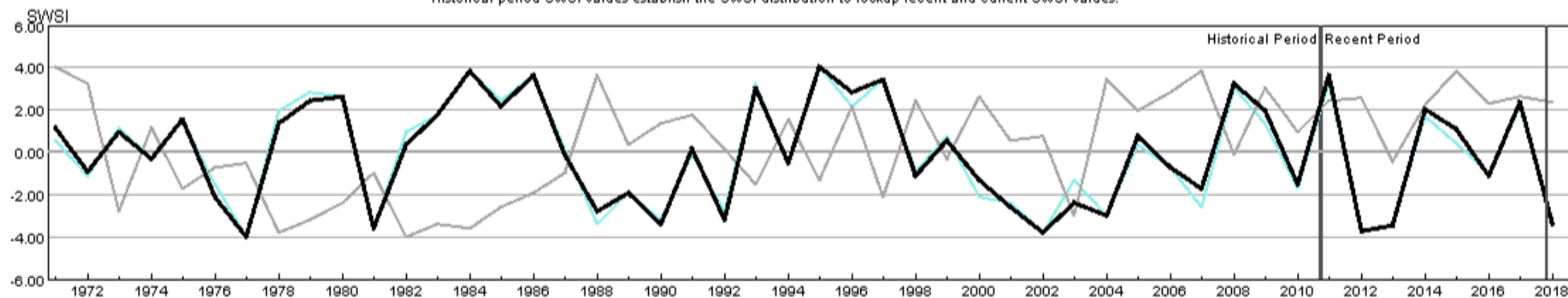
Monthly component volumes



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

HUC 14020001 (East-Taylor) SWSI Values - MAY

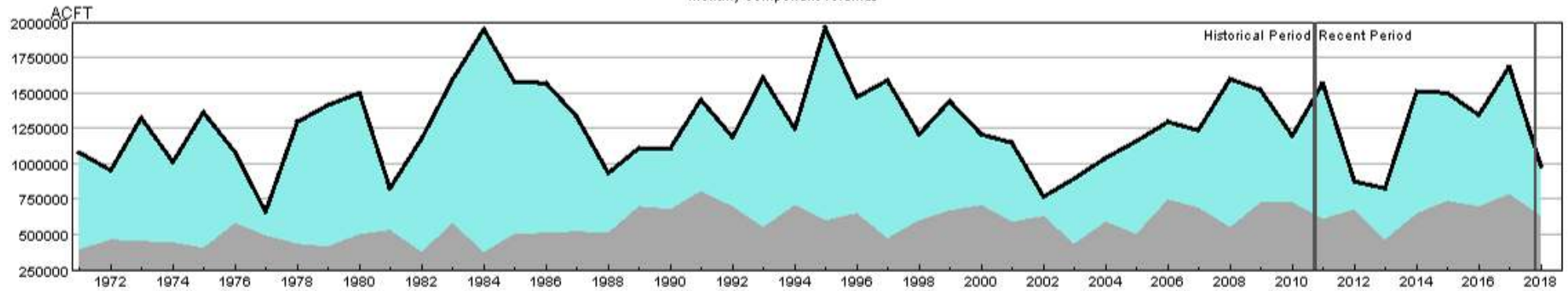
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14020002 (Upper Gunnison) Surface Water Supply - MAY

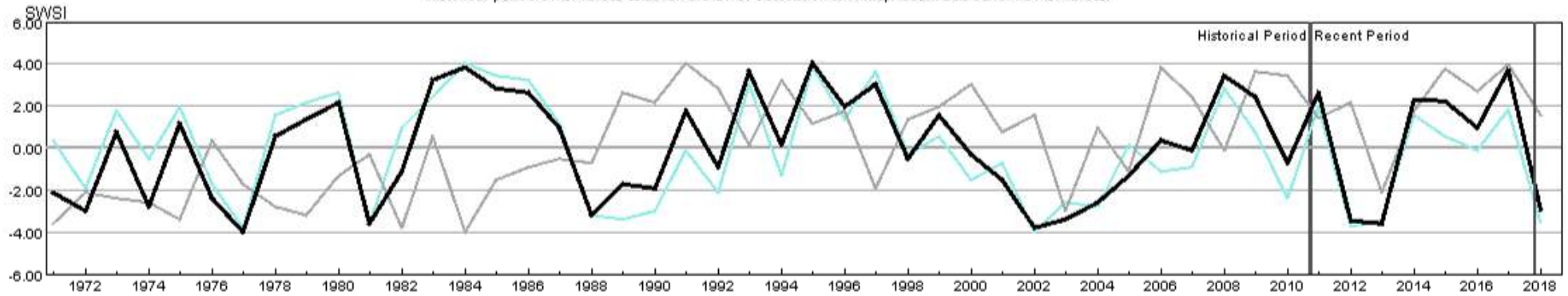
Monthly component volumes



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

HUC 14020002 (Upper Gunnison) SWSI Values - MAY

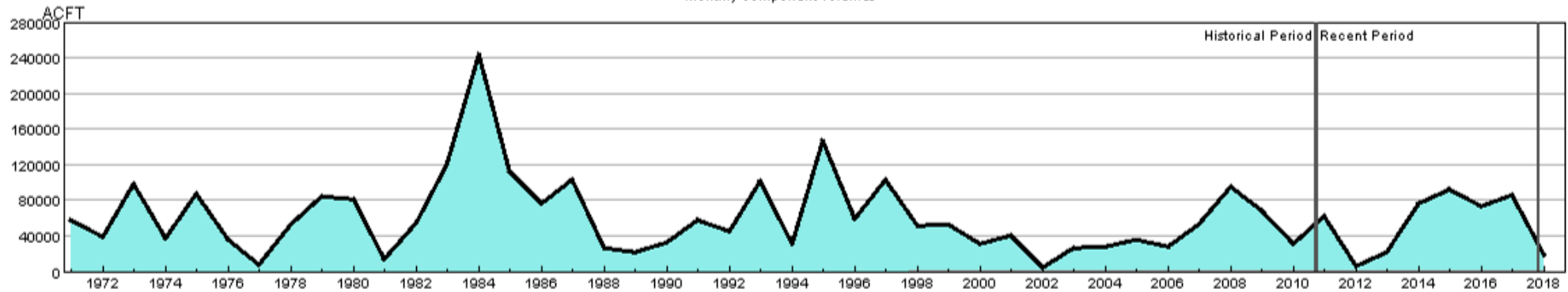
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14020003 (Tomichi) Surface Water Supply - MAY

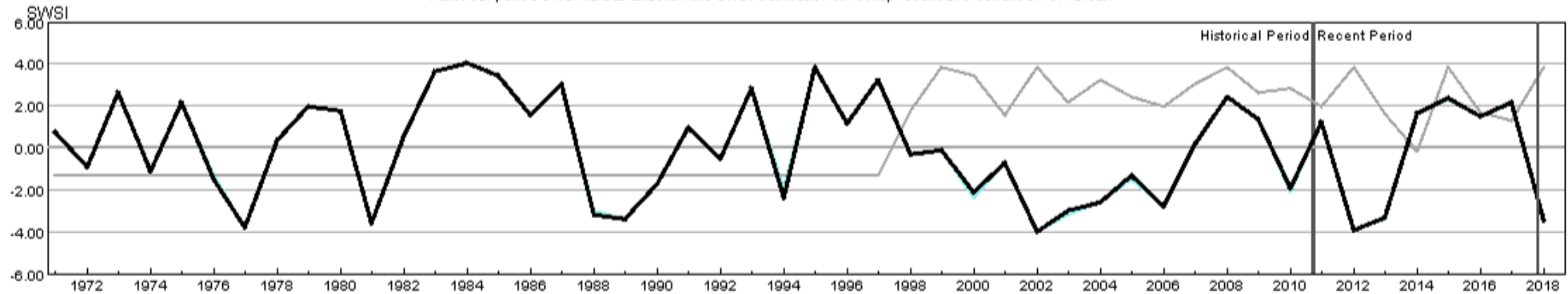
Monthly component volumes



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

HUC 14020003 (Tomichi) SWSI Values - MAY

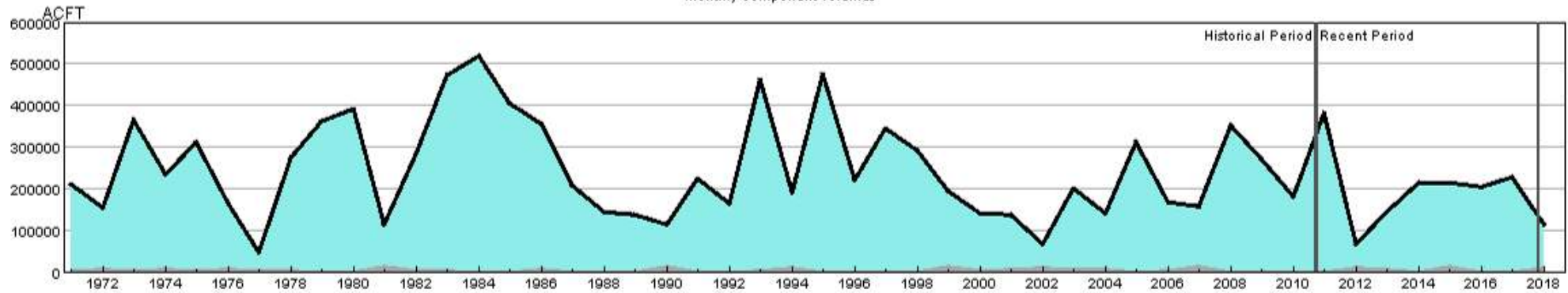
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

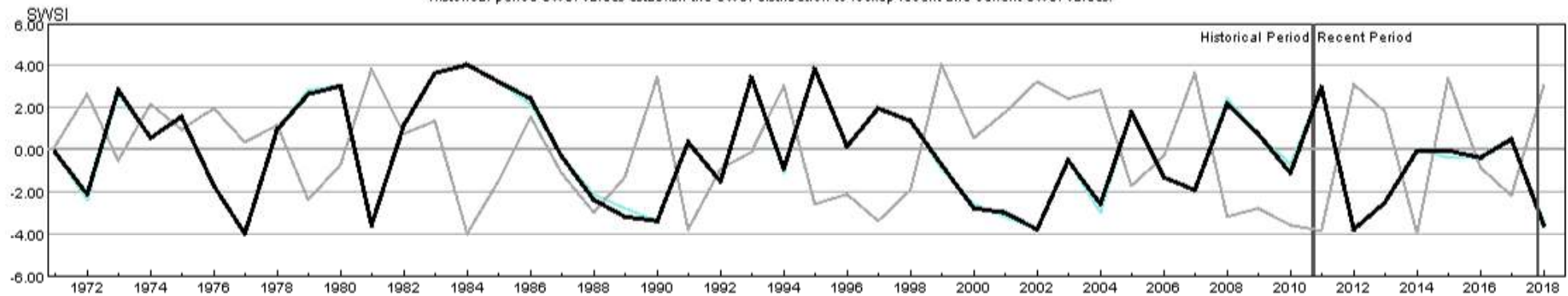
Monthly component volumes



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

HUC 14020004 (North Fork Gunnison) SWSI Values - MAY

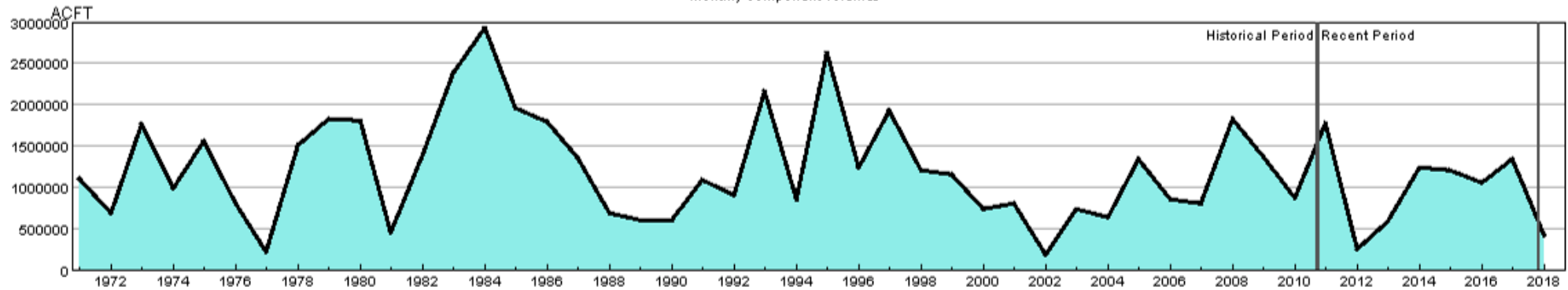
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14020005 (Lower Gunnison) Surface Water Supply - MAY

Monthly component volumes



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

HUC 14020005 (Lower Gunnison) SWSI Values - MAY

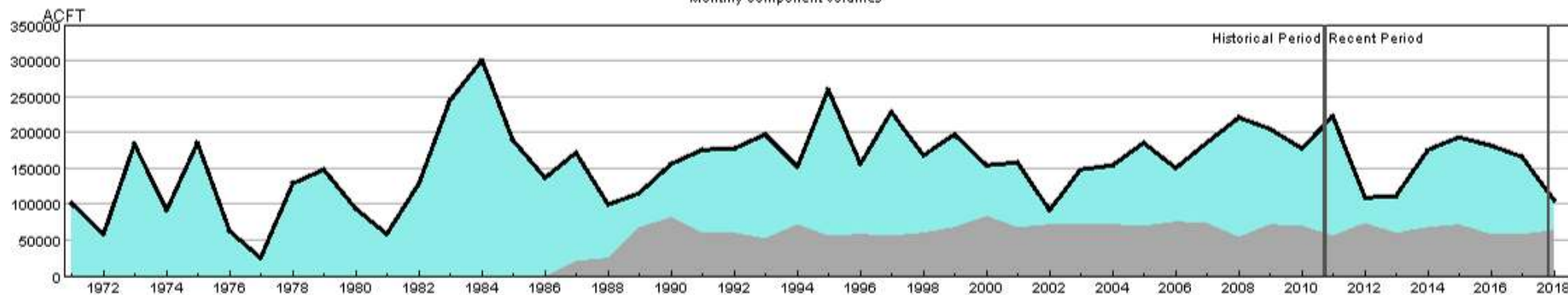
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14020006 (Uncompahgre) Surface Water Supply - MAY

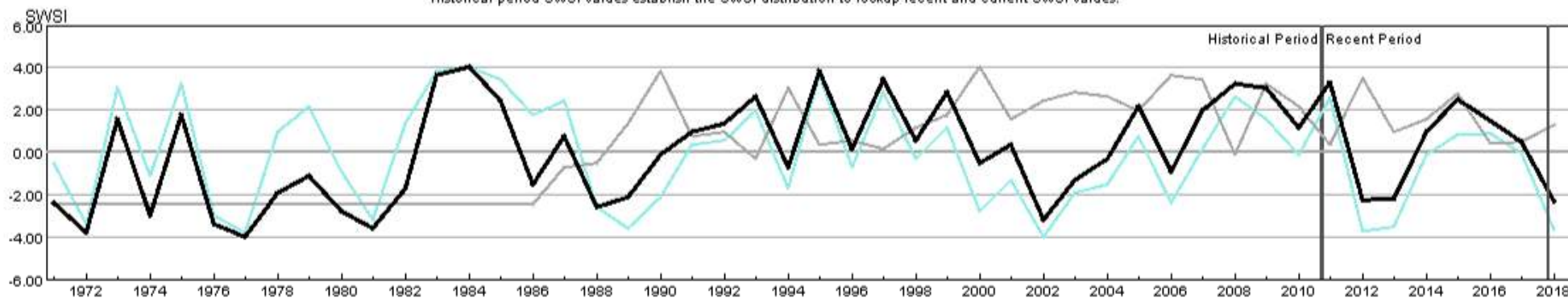
Monthly component volumes



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

HUC 14020006 (Uncompahgre) SWSI Values - MAY

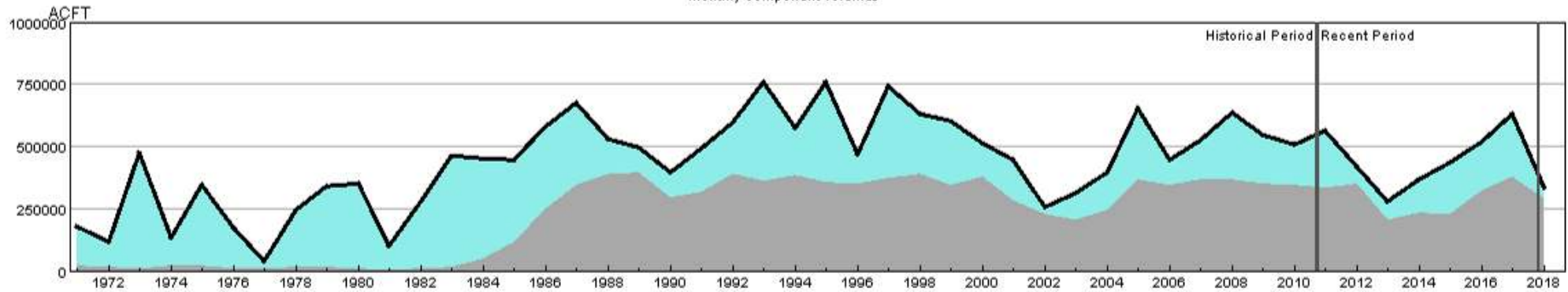
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14030002 (Upper Dolores) Surface Water Supply - MAY

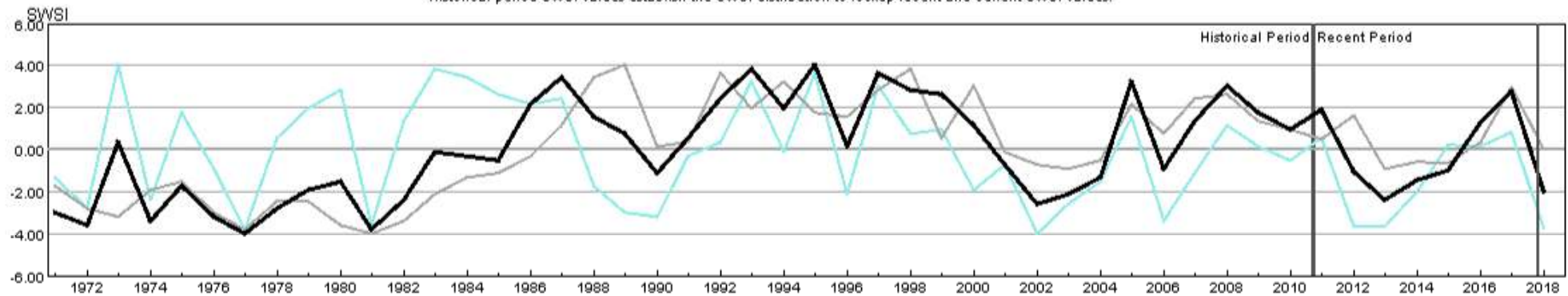
Monthly component volumes



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

HUC 14030002 (Upper Dolores) SWSI Values - MAY

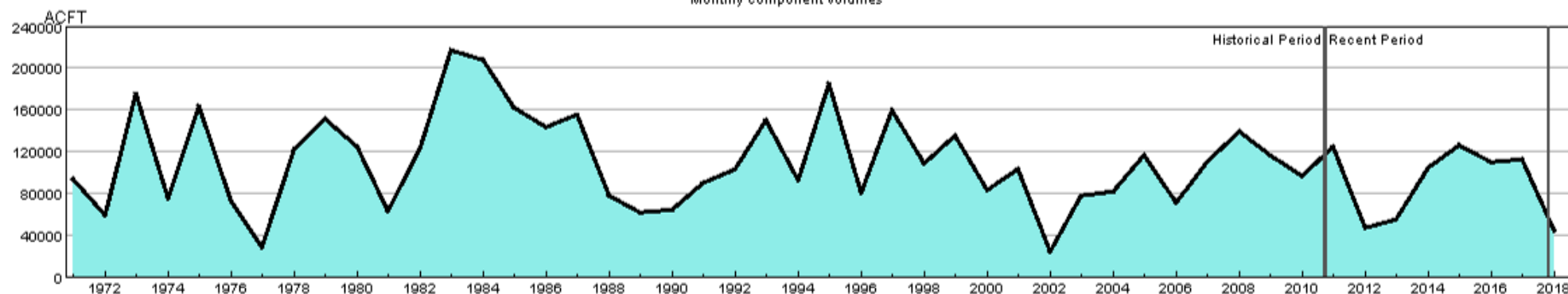
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14030003 (San Miguel) Surface Water Supply - MAY

Monthly component volumes



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

HUC 14030003 (San Miguel) SWSI Values - MAY

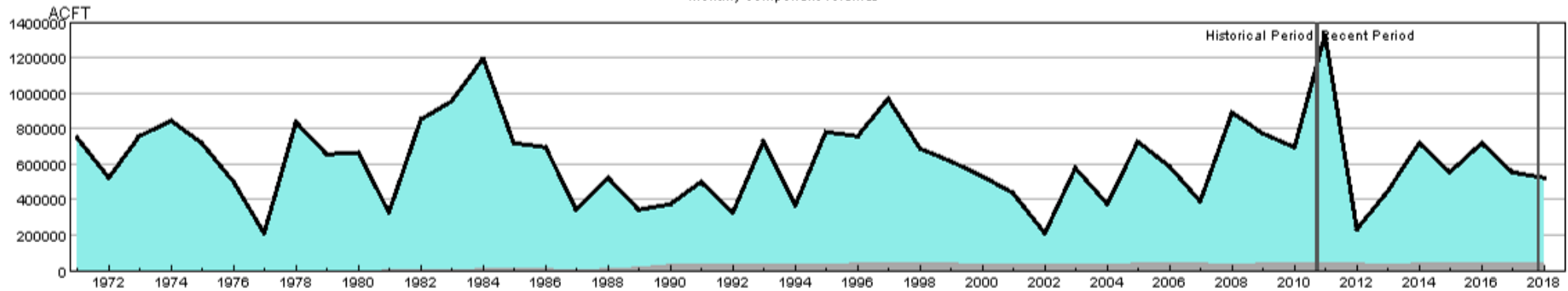
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14050001 (Upper Yampa) Surface Water Supply - MAY

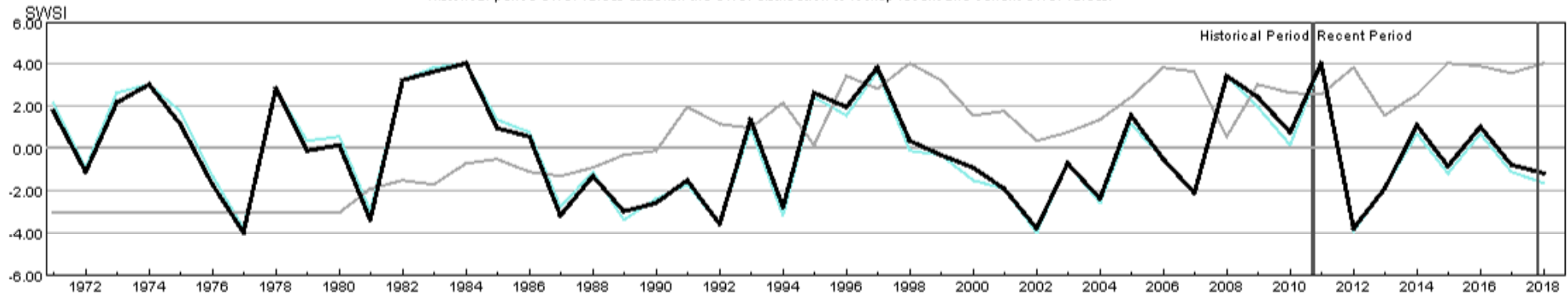
Monthly component volumes



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

HUC 14050001 (Upper Yampa) SWSI Values - MAY

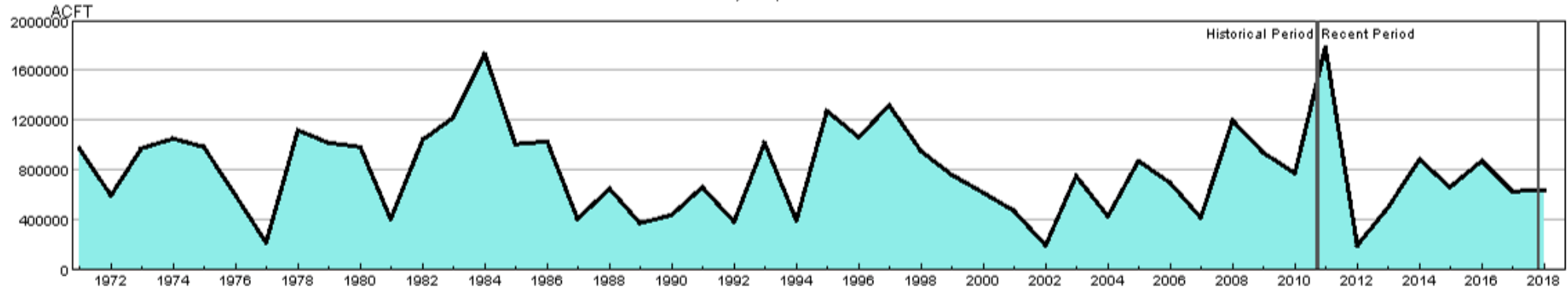
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14050002 (Lower Yampa) Surface Water Supply - MAY

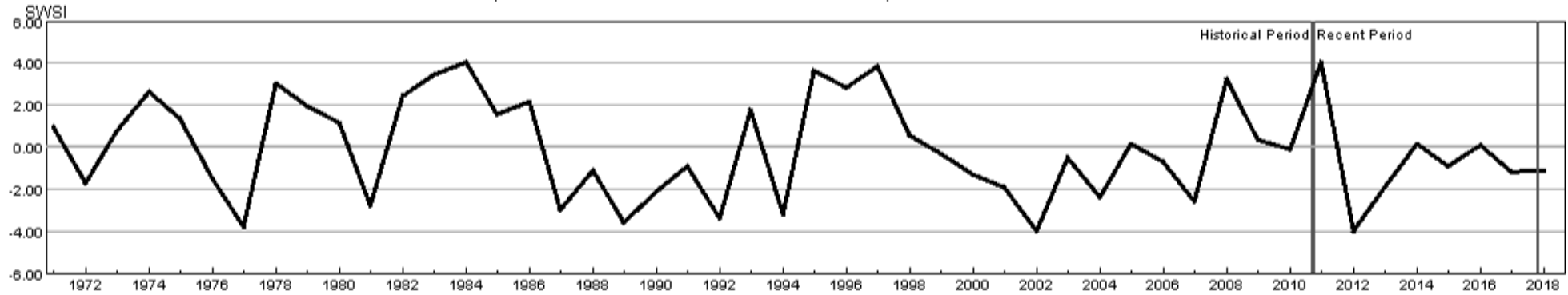
Monthly component volumes



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

HUC 14050002 (Lower Yampa) SWSI Values - MAY

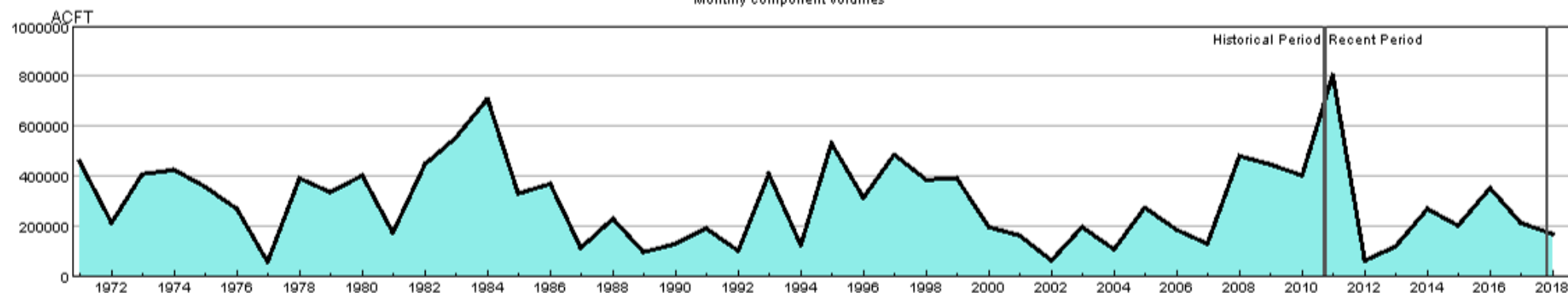
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14050003 (Little Snake) Surface Water Supply - MAY

Monthly component volumes



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

HUC 14050003 (Little Snake) SWSI Values - MAY

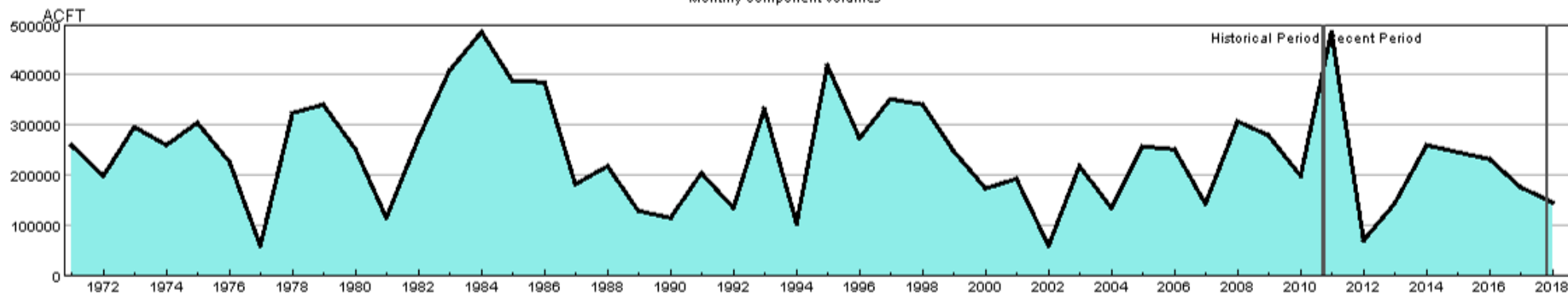
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14050005 (Upper White) Surface Water Supply - MAY

Monthly component volumes



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

HUC 14050005 (Upper White) SWSI Values - MAY

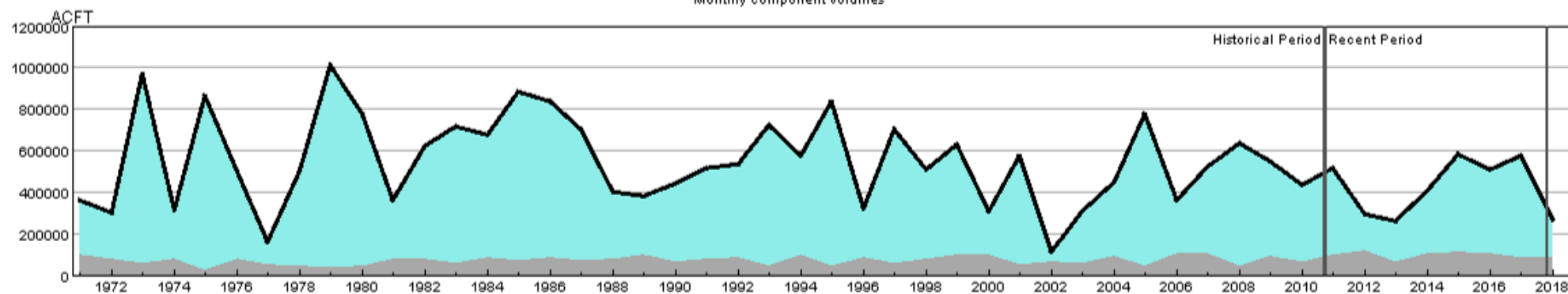
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

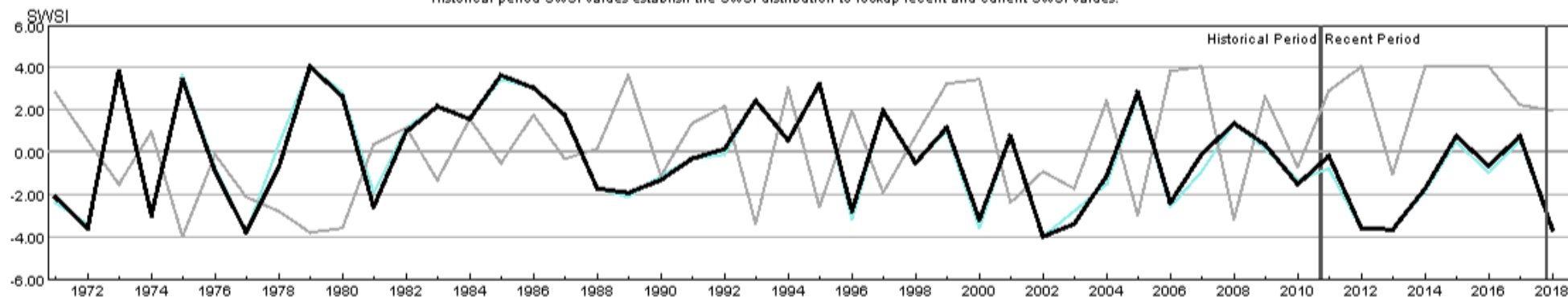
Monthly component volumes



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

HUC 14080101 (Upper San Juan) SWSI Values - MAY

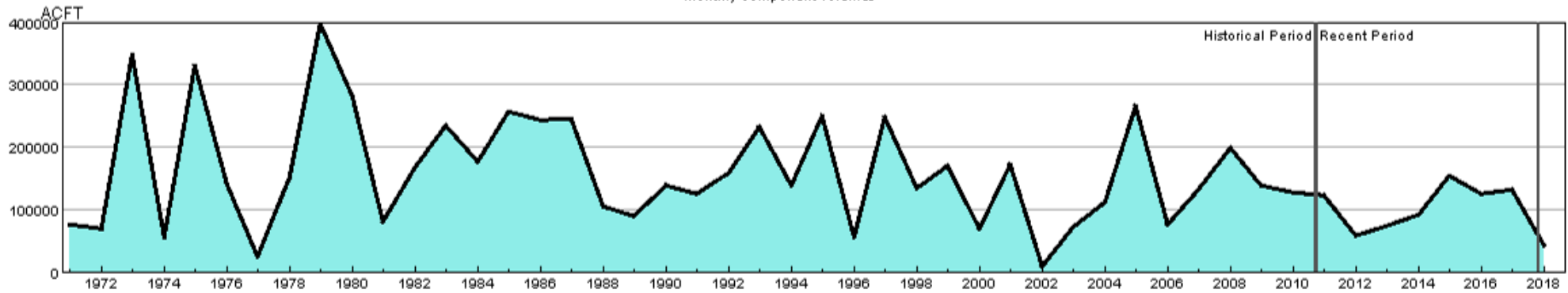
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14080102 (Piedra) Surface Water Supply - MAY

Monthly component volumes



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

HUC 14080102 (Piedra) SWSI Values - MAY

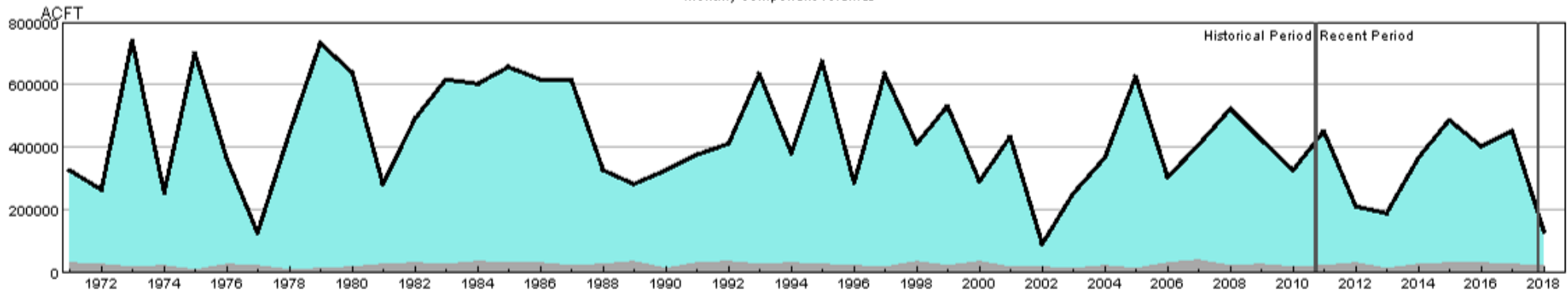
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14080104 (Animas) Surface Water Supply - MAY

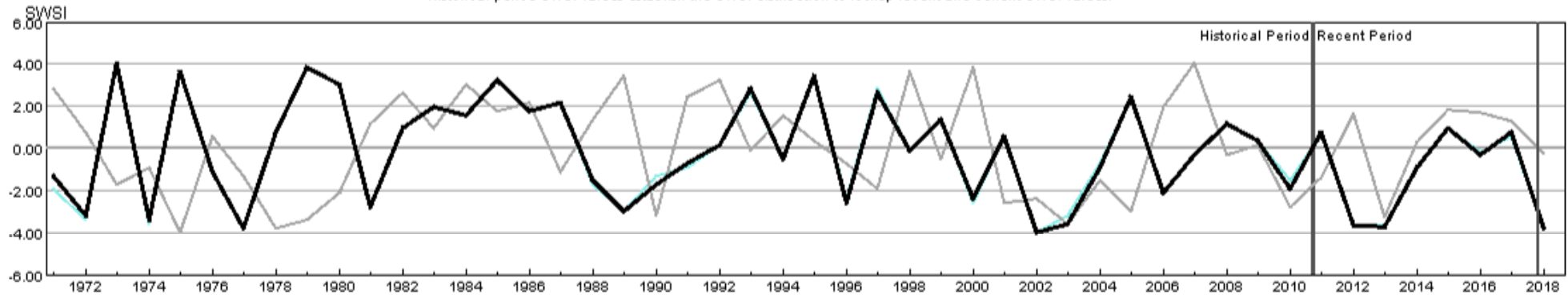
Monthly component volumes



HUC:14080104-MAY-DataComposite
 HUC:14080104-MAY-PrevMoStreamflow
 HUC:14080104-MAY-ForecastedRunoff
 HUC:14080104-MAY-ReservoirStorage

HUC 14080104 (Animas) SWSI Values - MAY

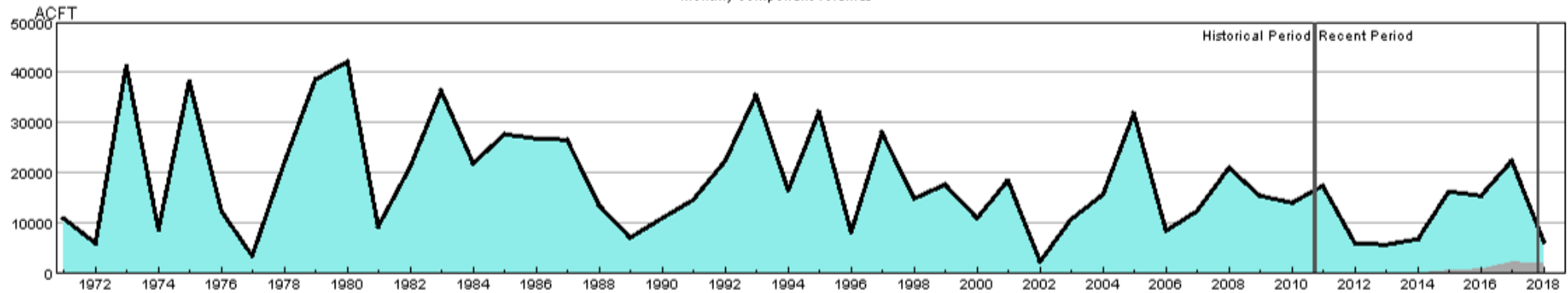
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14080104-MAY-PrevMoStreamflow-SWSI
 HUC:14080104-MAY-ForecastedRunoff-SWSI
 HUC:14080104-MAY-ReservoirStorage-SWSI
 HUC:14080104-MAY-DataComposite-SWSI

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

Monthly component volumes



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

HUC 14080105 (Middle San Juan) SWSI Values - MAY

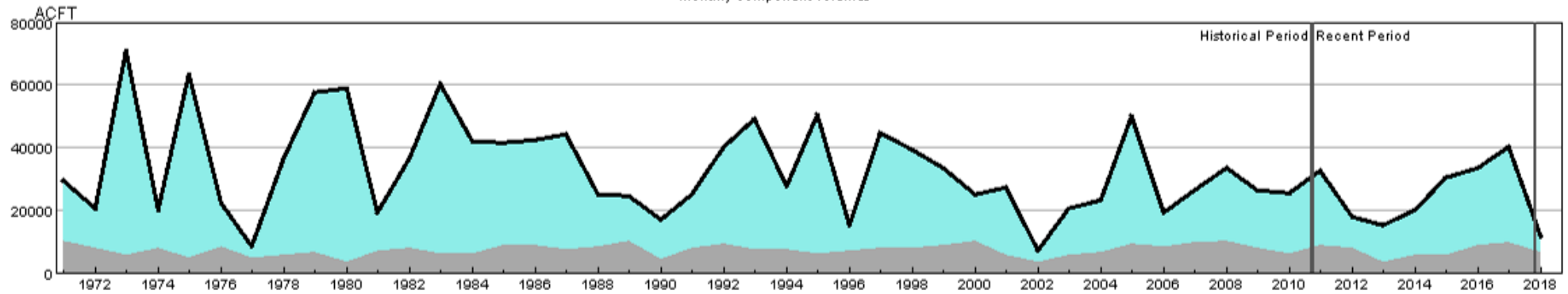
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14080107 (Mancos) Surface Water Supply - MAY

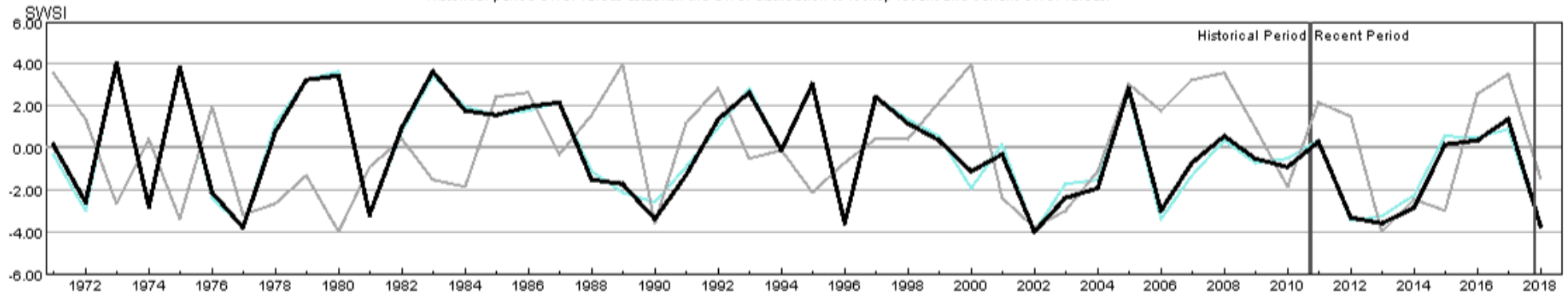
Monthly component volumes



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

HUC 14080107 (Mancos) SWSI Values - MAY

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



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