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# COLORADO

## WATER SUPPLY CONDITIONS UPDATE

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FROM THE OFFICE OF THE STATE ENGINEER: COLORADO DIVISION OF WATER RESOURCES  
ROOM 818, 1313 SHERMAN ST., DENVER, CO 80203  
303-866-3581; [www.water.state.co.us](http://www.water.state.co.us)

May 1, 2020

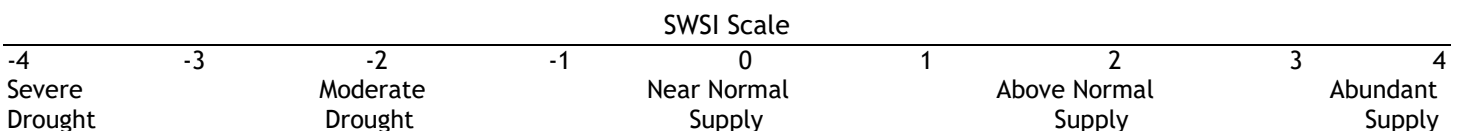
The Surface Water Supply Index (SWSI) is used as an indicator of water supply conditions in the seven major river basins of the state and in each of the 41 smaller watersheds, or HUCs. The Colorado Water Conservation Board (CWCB) completed a major revision to the Colorado Drought Plan in 2010. At that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

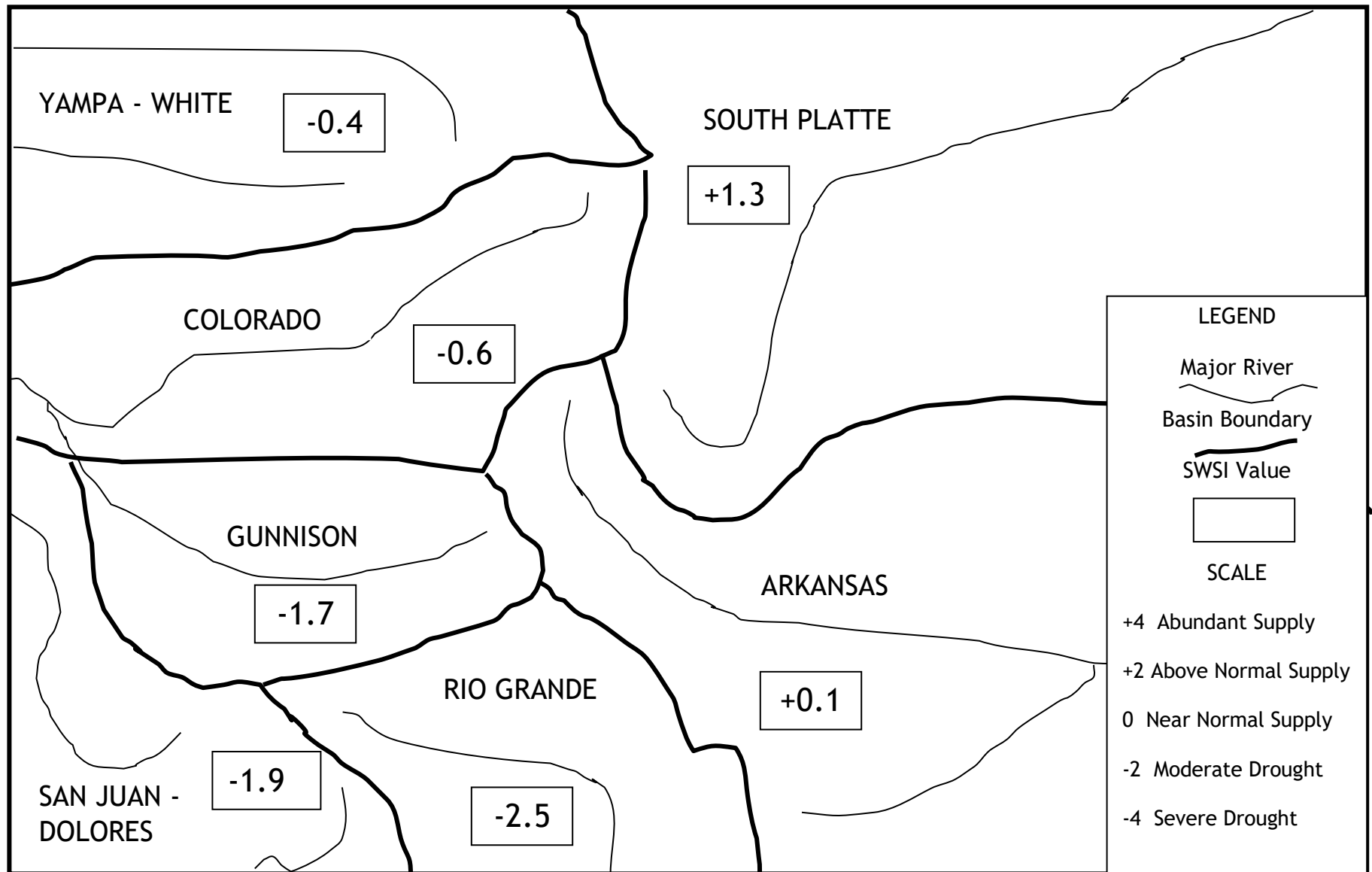
In 2015, CWCB and the Division of Water Resources (DWR) (both Divisions of the Colorado Department of Natural Resources) completed a software project to implement an automated calculation of the SWSI and to document the underlying hydrologic data. July 1, 2015 was the first month that the automated DNR 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, 2020. Water supply conditions vary across the state from above normal in the South Platte basin to below normal in the Gunnison, Colorado, Rio Grande, San Juan-Dolores and Yampa basins. Storage varies statewide, from above average to below average, and snowpack is average to below average, resulting in streamflow forecasts that are normal to below normal in every basin.


Basin	May 1 SWSI	Change from Previous Month	Change from Previous Year
Arkansas	0.1	-1.2	-1.6
Colorado	-0.6	-0.4	-2.9
Gunnison	-1.7	-0.1	-4.4
Rio Grande	-2.5	-0.7	-4.7
San Juan-Dolores	-1.9	-0.5	-3.9
South Platte	1.3	-0.2	1.2
Yampa-White	-0.4	-0.4	-0.6



# SURFACE WATER SUPPLY INDEX FOR COLORADO BY MAJOR RIVER BASIN

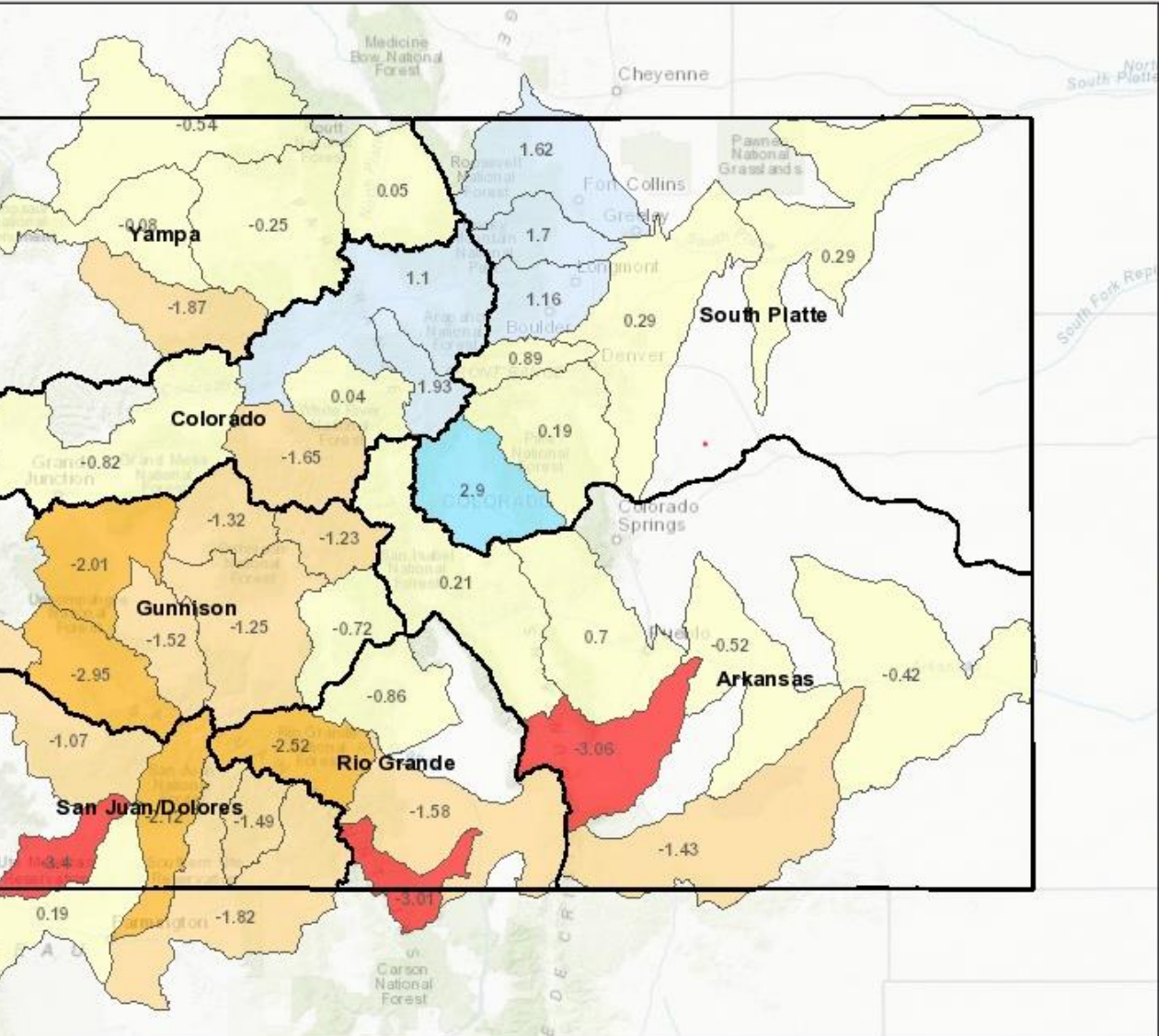


May 1, 2020



**COLORADO**  
Division of Water Resources  
Department of Natural Resources

# May 1, 2020 SWSI




**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: 5/13/2020 3:55:18 PM

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Date Prepared: 5/13/2020 3:55:18 PM

**May 1, 2020 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	-3.07	71	23	11,400
	11020010	Purgatoire	-1.44	73	31	46,120
	11020005	Upper Arkansas-Lake Meredith	-0.52	75	39	315,140
	11020001	Arkansas Headwaters	0.21	13	49	344,113
	11020009	Upper Arkansas-John Martin Reservoir	-0.42	72	33	451,425
	11020002	Upper Arkansas	0.71	48	44	488,600
Colorado	14010003	Eagle	0.04	86	50	300,000
	14010002	Blue	1.93	63	70	350,228
	14010004	Roaring Fork	-1.66	N/A	30	569,957
	14010001	Colorado Headwaters	1.10	59	60	1,530,360
	14010005	Colorado Headwaters-Plateau	-0.83	48	40	1,947,117
Gunnison	14020003	Tomichi	-0.72	80	42	40,340
	14030003	San Miguel	-2.96	69	15	65,000
	14020006	Uncompahgre	-1.53	49	17	137,083
	14020004	North Fork Gunnison	-1.32	85	29	166,651
	14020001	East-Taylor	-1.23	N/A	33	269,582
	14020005	Lower Gunnison	-2.02	66	26	785,000
	14020002	Upper Gunnison	-1.25	N/A	33	1,160,856
Rio Grande	13010004	Saguache	-0.87	69	40	22,000
	13010002	Alamosa-Trinchera	-1.59	74	29	84,892
	13010005	Conejos	-3.02	N/A	12	112,566
	13010001	Rio Grande Headwaters	-2.52	49	19	325,603
San Juan-Dolores	14080105	Middle San Juan	0.19	51	34	16,810
	14080107	Mancos	-3.41	85	12	16,999
	14080102	Piedra	-1.50	N/A	32	114,000
	14080104	Animas	-2.12	39	26	306,813
	14080101	Upper San Juan	-1.82	50	27	394,065
	14030002	Upper Dolores	-1.08	12	24	409,311
South Platte	10190004	Clear	0.89	92	61	106,000
	10190001	South Platte Headwater	2.90	53	71	215,700
	10190005	St. Vrain	1.16	53	57	228,110
	10190007	Cache La Poudre	1.62	N/A	55	423,370
	10190002	Upper South Platte	0.20	82	60	428,212
	10190006	Big Thompson	1.71	77	56	582,645
	10190003	Middle South Platte-Cherry Creek	0.30	97	51	829,016
	10190012	Middle South Platte-Sterling	0.30	55	51	955,933
Yampa-White	14050005	Upper White	-1.87	N/A	28	185,000
	10180001	North Platte Headwaters	0.06	99	51	199,000
	14050003	Little Snake	-0.54	N/A	43	260,000
	14050001	Upper Yampa	-0.25	N/A	47	623,993
	14050002	Lower Yampa	-0.08	N/A	49	775,000

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)

**May 1, 2020 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	8,080	67
		HOMESTAKE RESERVOIR	24,243	80
		TWIN LAKES RESERVOIR	36,025	62
		TURQUOISE LAKE	65,765	58
		ARKANSAS RIVER AT SALIDA	210,000	49
11020006	Huerfano	CUCHARAS RESERVOIR*	0	13
		HUERFANO RIVER NEAR REDWING	5,500	23
		CUCHARAS RIVER AT BOYD RANCH NR LA VETA	5,900	30
11020010	Purgatoire	PURGATOIRE RIVER AT TRINIDAD	23,000	31
		TRINIDAD LAKE	23,120	48
11020002	Upper Arkansas	PUEBLO RESERVOIR	228,600	73
		PUEBLO RESERVOIR INFLOW	260,000	44
11020009	Upper Arkansas- John Martin Reservoir	HUERFANO RIVER NEAR REDWING	5,500	23
		CUCHARAS RIVER AT BOYD RANCH NR LA VETA	5,900	30
		PURGATOIRE RIVER AT TRINIDAD	23,000	31
		ADOBE CREEK RESERVOIR	45,217	63
		JOHN MARTIN RESERVOIR	111,808	72
		PUEBLO RESERVOIR INFLOW	260,000	44
11020005	Upper Arkansas- Lake Meredith	LAKE HENRY	2,990	6
		HUERFANO RIVER NEAR REDWING	5,500	23
		CUCHARAS RIVER AT BOYD RANCH NR LA VETA	5,900	30
		MEREDITH RESERVOIR	40,750	96
		PUEBLO RESERVOIR INFLOW	260,000	44
14010002	Blue	GREEN MOUNTAIN RESERVOIR	60,228	63
		BLUE RIVER INFLOW TO GREEN MOUNTAIN RES	290,000	70
14010001	Colorado Headwaters	WOLFORD MOUNTAIN RESERVOIR	54,760	84
		WILLIAMS FORK RESERVOIR	75,600	89
		COLORADO RIVER NEAR DOTSERO	1,400,000	60
14010005	Colorado Headwaters- Plateau	VEGA RESERVOIR	17,117	48
		COLORADO RIVER NEAR CAMEO	1,930,000	40
14010003	Eagle	EAGLE RIVER BELOW GYPSUM	300,000	51
14010004	Roaring Fork	RUEDI RESERVOIR	64,957	59
		ROARING FORK AT GLENWOOD SPRINGS	505,000	30
14020001	East-Taylor	TAYLOR PARK RESERVOIR	72,582	80
		TAYLOR R INF TO TAYLOR PARK RESERVOIR	76,000	46
		EAST RIVER AT ALMONT	121,000	30
14020005	Lower Gunnison	GUNNISON RIVER NR GRAND JUNCTION	785,000	26
14020004	North Fork Gunnison	PAONIA RESERVOIR	10,651	85
		NORTH FORK GUNNISON R NR SOMERSET	156,000	29
14030003	San Miguel	SAN MIGUEL RIVER NEAR PLACERVILLE	65,000	15
14020003	Tomichi	VOUGA RESERVOIR NEAR DOYLEVILLE	340	49
		TOMICHI CREEK AT GUNNISON, CO	40,000	42

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
14020006	Uncompahgre	RIDGEWAY RESERVOIR	66,083	66
		UNCOMPAHGRE RIVER AT COLONA	71,000	17
14020002	Upper Gunnison	SILVER JACK RESERVOIR	2,283	3
		FRUITLAND RESERVOIR	2,891	10
		CRAWFORD RESERVOIR	11,270	36
		LAKE FORK AT GATEVIEW, CO	83,000	18
		MORROW POINT RESERVOIR	106,839	6
		GUNNISON R INF TO BLUE MESA RESERVOIR	445,000	39
		BLUE MESA RESERVOIR	509,573	72
13010002	Alamosa-Trinchera	MOUNTAIN HOME	5,529	79
		TRINCHERA CK	8,000	33
		SANGRE DE CRISTO	8,000	42
		UTE CREEK	8,600	33
		TERRACE RESERVOIR	9,063	60
		CULEBRA CREEK AT SAN LUIS	14,700	41
		ALAMOSA CREEK ABOVE TERRACE RESERVOIR	31,000	19
13010005	Conejos	PLATORO RESERVOIR	18,566	49
		CONEJOS RIVER NEAR MOGOTE	94,000	12
13010001	Rio Grande Headwaters	RIO GRANDE RESERVOIR	4,200	2
		CONTINENTAL RESERVOIR	17,263	99
		SANTA MARIA RESERVOIR	19,140	89
		RIO GRANDE NEAR DEL NORTE	285,000	19
13010004	Saguache	SAGUACHE CREEK NEAR SAGUACHE, CO	22,000	40
14080104	Animas	LEMON RESERVOIR	19,813	39
		FLORIDA RIVER INFLOW TO LEMON RESERVOIR	32,000	25
		ANIMAS RIVER AT DURANGO	255,000	26
14080107	Mancos	JACKSON GULCH RESERVOIR	4,999	12
		MANCOS RIVER NEAR MANCOS	12,000	12
14080105	Middle San Juan	LONG HOLLOW RESERVOIR	4,410	50
		LA PLATA RIVER AT HESPERUS	12,400	34
14080102	Piedra	PIEDRA RIVER NEAR ARBOLES	114,000	32
14030002	Upper Dolores	GROUNDHOG RESERVOIR	17,300	68
		DOLORES RIVER BELOW MCPHEE RESERVOIR	116,000	24
		MCPHEE RESERVOIR	276,011	51
14080101	Upper San Juan	VALLECITO RESERVOIR	95,065	85
		LOS PINOS RIVER NEAR BAYFIELD	126,000	29
		SAN JUAN RIVER NEAR CARRACAS	173,000	26
10190006	Big Thompson	MARIANO RESERVOIR	3,600	12
		LAKE LOVELAND RESERVOIR	7,000	20
		LONE TREE RESERVOIR	7,100	18
		WILLOW CREEK RESERVOIR	7,396	96
		BOYD LAKE	35,300	55
		BIG THOMPSON R AT MOUTH, NR DRAKE, CO	88,000	56
		CARTER LAKE	104,348	56
		LAKE GRANBY	329,901	77

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
10190007	Cache La Poudre	BLACK HOLLOW RESERVOIR	3,700	81
		CHAMBERS LAKE	4,500	67
		HALLIGAN RESERVOIR	6,400	81
		FOSSIL CREEK RESERVOIR	9,300	56
		CACHE LA POUDRE	10,600	99
		WINDSOR RESERVOIR	11,600	22
		COBB LAKE	18,000	75
		HORSETOOTH RESERVOIR	144,270	97
		CACHE LA POUDRE R AT CANYON MOUTH	215,000	55
10190004	Clear Creek	CLEAR CREEK AT GOLDEN	106,000	61
10190003	Middle South Platte-Cherry Creek	HORSECREEK RESERVOIR	11,700	5
		MILTON RESERVOIR	20,800	59
		BARR LAKE	26,700	16
		SOUTH BOULDER CK NR ELDORADO SPRINGS, CO	36,000	56
		STANDLEY RESERVOIR	39,816	78
		BOULDER CREEK NEAR ORODELL	54,000	55
		SAINT VRAIN CREEK AT LYONS	83,000	54
		BIG THOMPSON R AT MOUTH, NR DRAKE, CO	88,000	56
		CLEAR CREEK AT GOLDEN	106,000	61
		SOUTH PLATTE RIVER AT SOUTH PLATTE	148,000	60
		CACHE LA POUDRE R AT CANYON MOUTH	215,000	55
10190012	Middle South Platte-Sterling	JULESBURG RESERVOIR	20,700	65
		PREWITT RESERVOIR	24,250	72
		JACKSON LAKE RESERVOIR	26,000	41
		EMPIRE RESERVOIR	32,300	39
		SOUTH BOULDER CK NR ELDORADO SPRINGS, CO	36,000	56
		BOULDER CREEK NEAR ORODELL	54,000	55
		RIVERSIDE RESERVOIR	54,100	62
		POINT OF ROCKS RESERVOIR	68,583	67
		SAINT VRAIN CREEK AT LYONS	83,000	54
		BIG THOMPSON R AT MOUTH, NR DRAKE, CO	88,000	56
		CLEAR CREEK AT GOLDEN	106,000	61
		SOUTH PLATTE RIVER AT SOUTH PLATTE	148,000	60
		CACHE LA POUDRE R AT CANYON MOUTH	215,000	55
10190001	South Platte Headwater	ANTERO RESERVOIR	19,700	61
		SPINNEY MOUNTAIN RESERVOIR	41,700	92
		ELEVENMILE CANYON RESV INFLOW	55,000	71
		ELEVENMILE CANYON RESERVOIR	99,300	58
10190005	St. Vrain	TERRY RESERVOIR	7,300	91
		MARSHALL RESERVOIR	9,000	55
		UNION RESERVOIR	10,510	26
		BUTTONROCK (RALPH PRICE) RESERVOIR	13,500	60
		GROSS RESERVOIR	14,800	84
		SOUTH BOULDER CK NR ELDORADO SPRINGS, CO	36,000	56
		BOULDER CREEK NEAR ORODELL	54,000	55
		SAINT VRAIN CREEK AT LYONS	83,000	54

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
10190002	Upper South Platte	CHEESMAN LAKE	53,712	17
		SOUTH PLATTE RIVER AT SOUTH PLATTE	148,000	60
		DILLON RESERVOIR	226,500	75
14050003	Little Snake	LITTLE SNAKE RIVER NEAR LILY	260,000	44
14050002	Lower Yampa	YAMPA RIVER NEAR MAYBELL	775,000	49
10180001	North Platte Headwaters	NORTH PLATTE R NR NORTHGATE	199,000	51
14050005	Upper White	WHITE RIVER NEAR MEEKER	185,000	28
14050001	Upper Yampa	YAMCOLO RESERVOIR	8,193	68
		STAGECOACH RESERVOIR NR OAK CREEK	35,800	99
		ELKHEAD CREEK ABOVE LONG GULCH	45,000	45
		YAMPA RIVER AT STEAMBOAT SPRINGS	250,000	58
		ELK RIVER NEAR MILNER, CO	285,000	44

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

\*No longer exists

Water Volume NEP Color Scale:

0 (Well Below Normal)

50 (Normal)

100 (Well Above Normal)

Basinwide Conditions Assessment

The SWSI value for the month was +1.3.

The mountains and foothills experienced significant snow accumulation in mid-April increasing the overall snowpack on May 1 at 115% of the historic median. However the precipitation throughout the entire basin for the month of April was below average at 84% of average. The eastern plains continue to experience below average precipitation and increasing drought conditions. The entire basin experienced slightly below average temperatures for the month of April. Water Supply forecasts for the South Platte River Basin point to average to slightly above average streamflows during 2020.

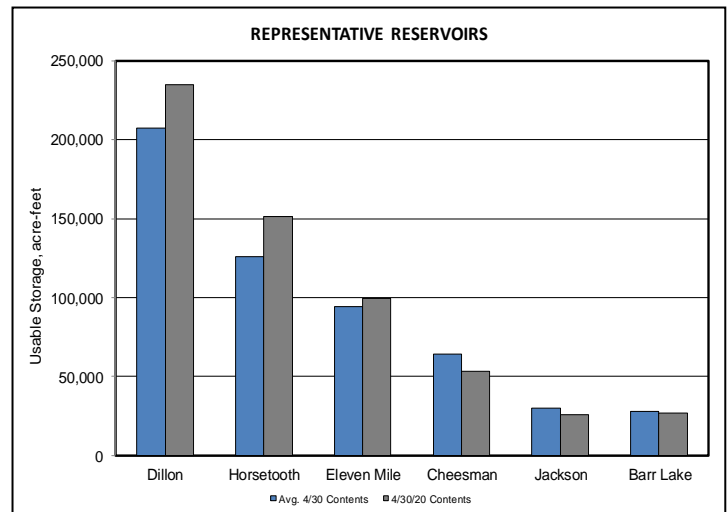
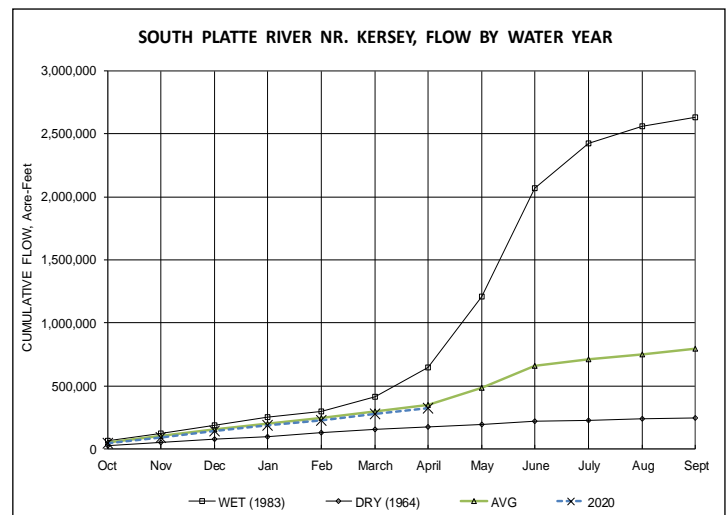
The USDA Drought Monitor rating for northeast Colorado continued with no drought conditions in the mountainous and foothill portions of the South Platte River Basin throughout much of the month of April, with the exception of the southerly portion of Park County experience a rating of DO (abnormally dry) in the last week of the month. The eastern plains continue to experience drought conditions throughout starting the month of April with portions of Sedgewick, Phillips, Yuma, Kit Carson, Cheyenne, Morgan, Elbert and El Paso Counties encompassed in a drought rating of DO (abnormally dry), an a small portion of Logan Washington and Lincoln Counties experiencing a drought rating of D1 (moderate drought). The drought on the eastern plains increased in severity and boundary throughout the month of April ending the month with drought encompassing all the eastern plains counties with a rating of D2 (severe drought) extending into Yuma, Lincoln, Washington, Kit Carson and Cheyenne Counties. Additionally, the drought extended on the eastern plains westerly into portions of Weld, Morgan, Adams, Arapahoe, Elbert and El Paso Counties for the first time this year, with a rating of DO (abnormally dry).

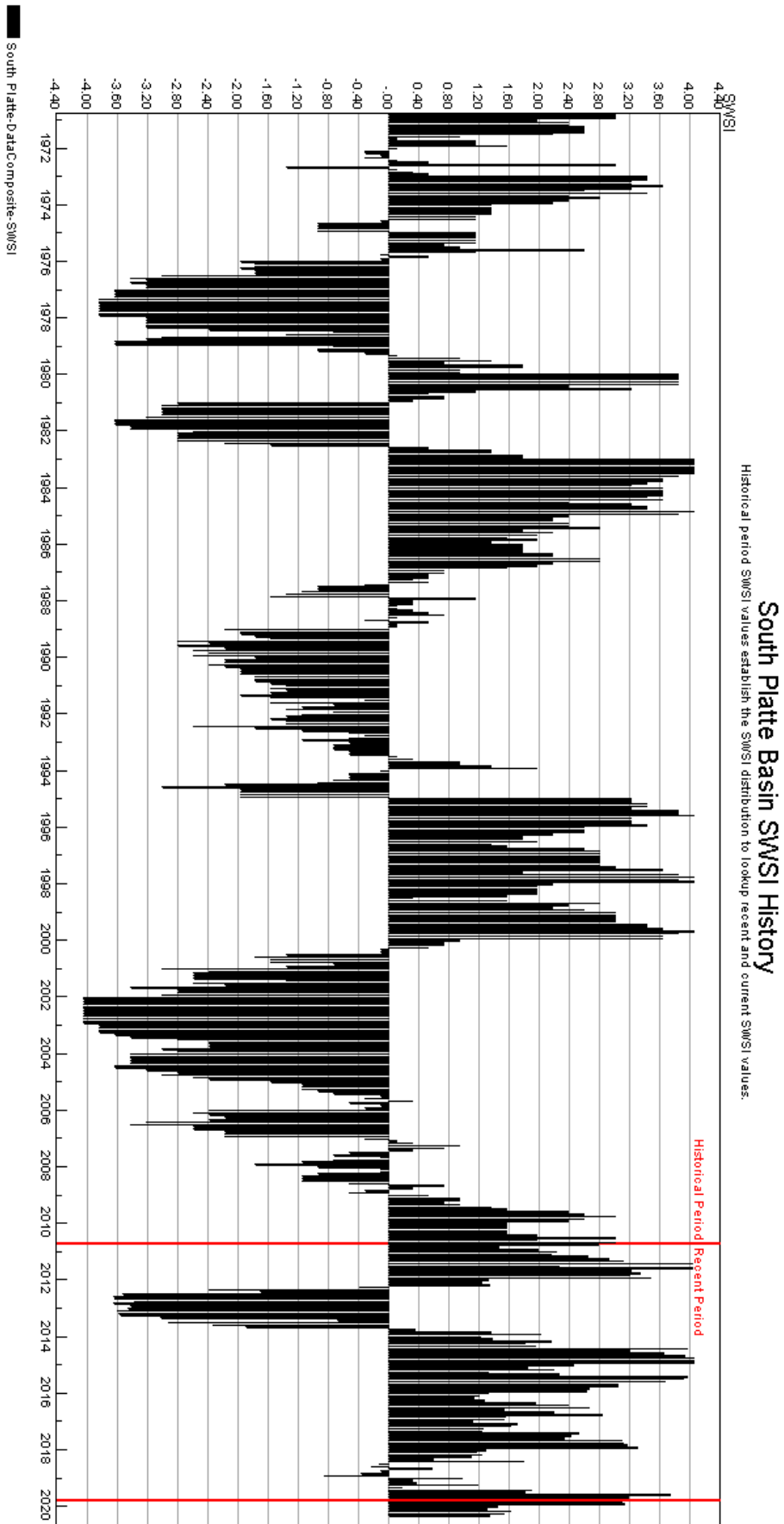
Cool temperatures during the later part of the month, and drier than normal conditions on the plains resulted in below average flows on the mainstem of the South Platte River and many tributaries during the month of April. Flows at the Kersey gage downstream of the City of Greeley, were below average with average daily flows for the month of April approximately 761 cfs, 89% of the historic mean value of 854 cfs. The average daily flow at the Julesburg gage for the month of April was 248 cfs, 48% of the historic mean value of 512 cfs, due primarily to junior diversions to recharge and storage, delayed runoff and drier than average conditions during the month of April.

The Calls for water on the South Platte River were indicative of the weather patterns and increasing demand. With the cooler weather and some precipitation during the month of April, the calls on the South Platte River started the month of April fairly junior with the Chatfield Reservoir 1977 storage right controlling the upper portion of the South Platte River above Denver and free river downstream through April 7. This pattern continued with the Chatfield Reservoir 1977 right through mid-April with junior recharge rights on the lower end of the South Platte River below the City of Sterling circa 2003, with free river (no calling water rights) throughout the basin from April 17 through April 26th. With increasing demand and snowmelt runoff delayed due to cooler temperatures in the mountainous areas, the call quickly went senior towards the end of April with a 1908 call at the Burlington Canal downstream of Denver, ending the month with the Burlington Canal 1885 bypass call at the Western Ditch controlling the upper end of the South Platte River. The lower end of the basin below the Western Ditch was controlled by a 1922 call at the Bravo Ditch, and the 1897 Compact Call controlling the lower end of the basin to the state line being placed on May 2.

Typically the reservoir fill season is between November 1 and April 1 of each year, with irrigation season direct flows starting around April 1. Reservoir storage levels throughout the South Platte River mainstem ended the month of April above average at the 6 SWSI Representative Reservoirs at 591,473 acre-feet volume, which is 108% of the long term average. Additionally, 32 indexed reservoirs throughout Division 1 basin at 108% of the long term average with a storage volume of 990,654 acre-feet at the end of April, representing approximately 87% of full capacity. This is ahead of the long term average of 80% for the end of April storage in the 32 indexed reservoirs throughout Division 1.

The temperature and precipitation outlook into May, June and July prepared by the National Weather Service, in northeastern Colorado indicates a 40% chance of above average temperatures and a 33% probability of above average precipitation in the South Platte River Basin and Republican River Basin.





## Basinwide Conditions Assessment

The SWSI value for the month was +0.1.

## Outlook

The Division 2 Reservoir and River Operations team did not start distributed water stored under the Pueblo Winter Water Storage Program until April 3 due to the delivery of 1,974 ac-ft from Pueblo Reservoir to John Martin Reservoir to help balance the storage program. This release started on March 19, 2020 and completed on March 29, 2020. The last “drop” reached John Martin Reservoir on April 2, 2020, which then allowed the Division to distribute the water stored under the Winter Water Storage Program.

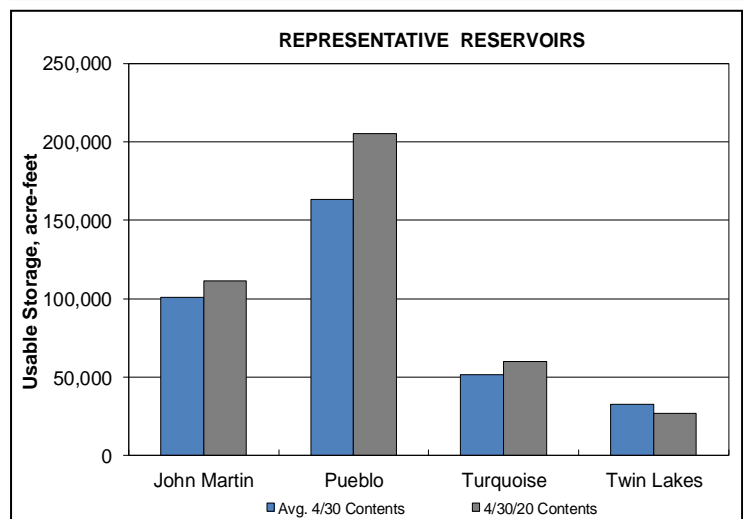
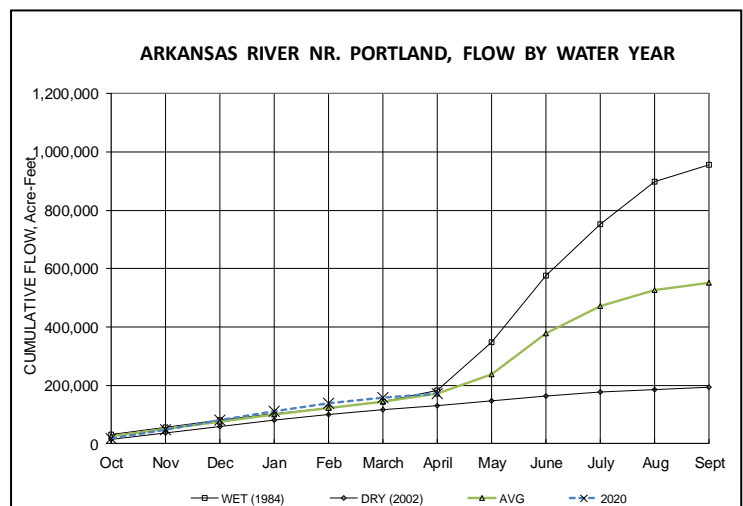
The first call for distribution of stored Compact Winter Water out of Water District 67 came from the Amity Canal on April 1, 2020. Distributions of the Compact Winter Water were completed on April 17, 2020 at a total of 34,821 ac-ft. 2,818 ac-ft of Compact Summer stored water was then distributed, concluding on April 18, 2020. These distributions were comparable to the 38,720 ac-ft of distributions from 2019, but still significantly lower than the 63,382 ac-ft of distributions from 2018.

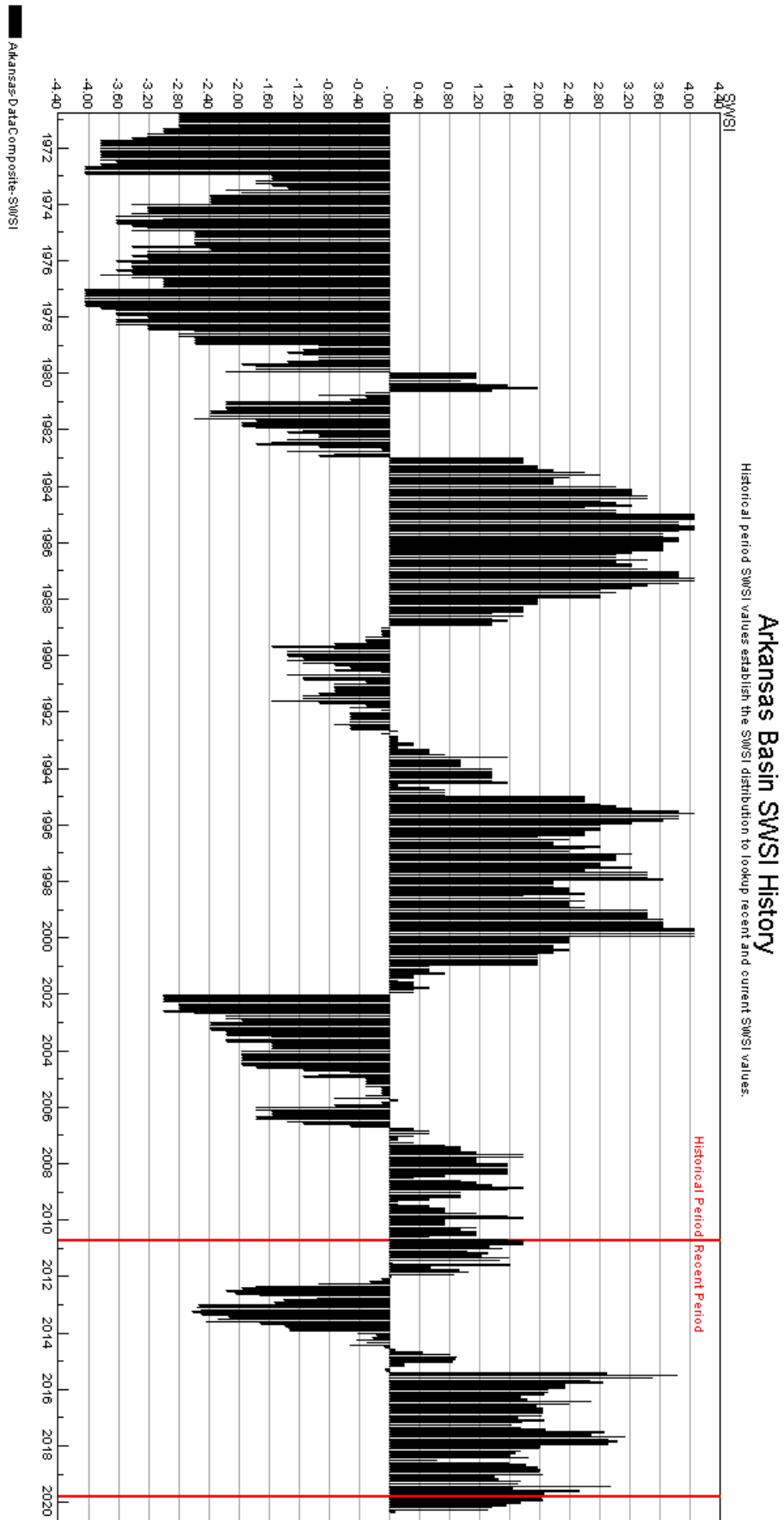
The mainstem river call at the beginning of the month was the Fort Lyon Canal 3/1/1887 water right above John Martin Reservoir. The call went slightly more senior (12/3/1884 Fort Lyon) with a Catlin Canal pass thru.

## Administrative Concerns

Annual Rule 14 Well Association replacement plans were reviewed and approved for the April 1, 2020 through March 31, 2021 period in whole and on time despite the Division of Water Resources staff, like most people around the country having to relocate to home offices during the 2020 Covid 19 Pandemic. Approval of Rule 14 plans is only one part of the work conducted by DWR that is considered essential water infrastructure and is always necessary to support the ongoing agricultural and municipal activities in the Arkansas Basin. All aspects of water administration continue as normal despite the ongoing change in business practices associated with social distancing.

Run off has begun in several parts of the Arkansas River Basin. Mainstem flows are still being controlled by the USBOR for run-off and flood control, and as yet have not really begun in earnest. Even though the snowpack has declined due to warmer weather, conditions are still above average. Based on hydrographs and local observations, run-off in the Cucharas Basin has likely already occurred and large peak flows will be from run-off from the Spring Fire Burn Scar.





### Basinwide Conditions Assessment

The SWSI value for the month was -2.5.

Flow at the gaging station Rio Grande near Del Norte averaged 597 cfs (84% of average). The Conejos River near Mogote had a mean flow of 176 cfs (63% of average). Flow to the state line was only 26% of normal as upstream diversions for irrigation needs continued. Lack of low and mid-elevation snow caused the area streamflow to stay well below average until the high country snow started to melt in late April.

Alamosa received precipitation totaling only 0.09 inches during April, 0.50 inch below normal, and the ninth of the past eleven months of significantly below average precipitation. This dry spell started last June and hasn't eased up. Temperatures in the San Luis Valley were well above normal for the third month in a row.

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

### Outlook

NRCS forecasts are now predicting April through September runoff to be only 28% to 75% of average in the upper Rio Grande basin of Colorado. The best forecasts are mostly for those rivers with long drainages and high elevations such as Saguache Creek. 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 spring and summer of warmer than average temperatures and below average precipitation.

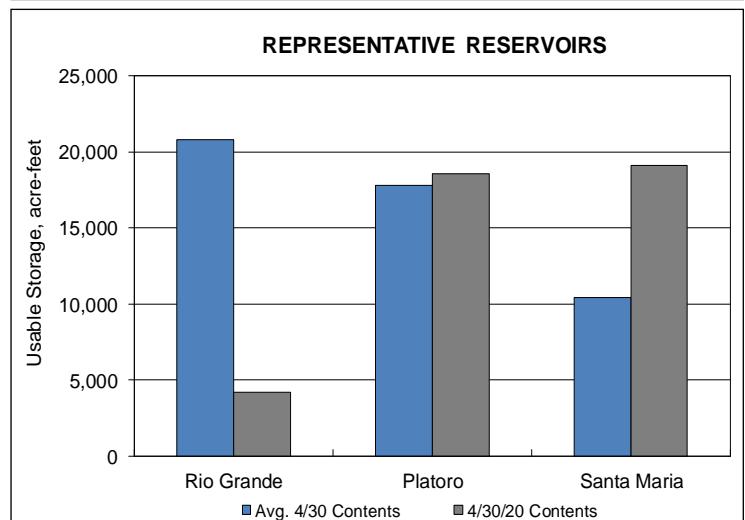
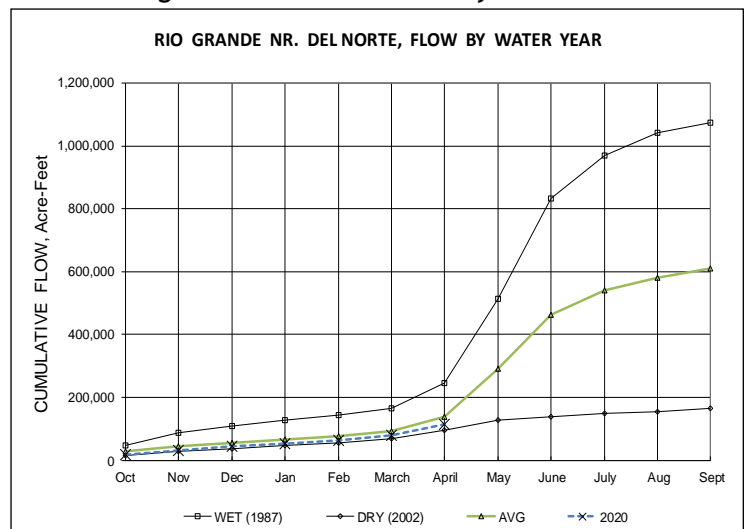
### Administrative/Management Concerns

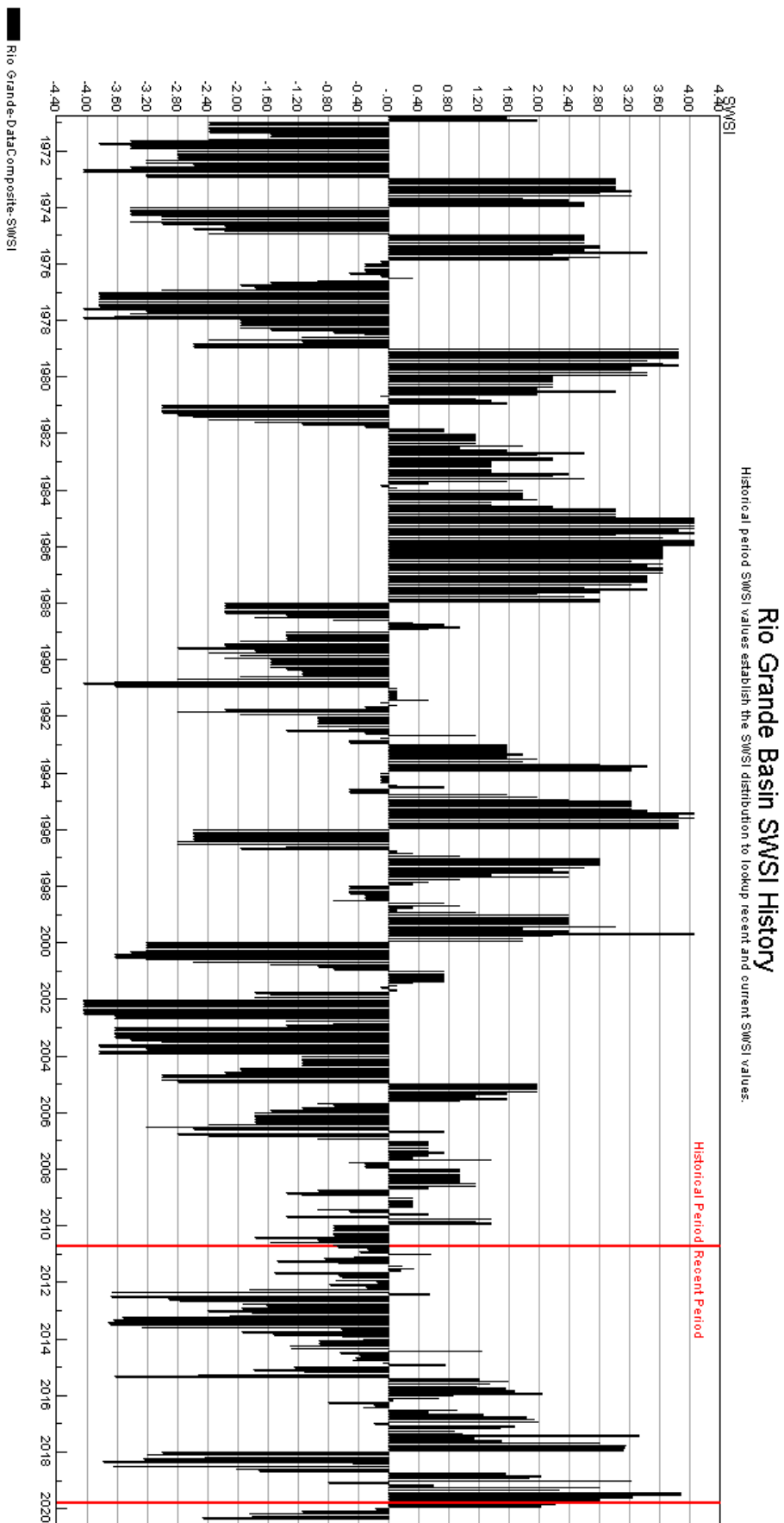
Water rights were able to divert most of the available flow during April from the Rio Grande and the Conejos as only slight curtailment was necessary on these drainages to make water available for required Rio Grande Compact deliveries in 2020. This is a common practice for poor runoff years.

Another drought year, not far removed from 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 could be nearly empty by the end of this irrigation season.





### Basinwide Conditions Assessment

The SWSI value for the month was -1.7.

### Basin Wide Conditions Outlook

Dry conditions persisted in the Gunnison basin during April. Most of the basin only received between 30 and 50 percent of average precipitation and some areas, including southern parts of the Uncompahgre River basin and the lower Gunnison received only 10 percent of average. The Gunnison basin snow water equivalent (SWE) value, as measured by the average of basin Snotel stations, peaked on April 6th at 91 percent of the 30-year median. Since that time, however, the lack of snowfall and warm temperatures have resulted in a decline to 55 percent of the median on May 12th. The peak was lowest when compared with the median on the Grand Mesa, where SWE at Park Reservoir peaked on April 5th at 78 percent of the median. Unfortunately, due to the lack of soil moisture in the fall and a predominance of dry winds during April, the significant melt off hasn't resulted in a commensurate bump in streamflows.

### Outlook

According to National Climate Prediction Center forecasts, the Gunnison basin remains between expected greater than average precipitation to the east and below average to the northwest. The lack of snowfall in April and loss of snowpack have caused April to July streamflow forecasts prepared by the CBRFC to plummet during April. The May 1st forecast for runoff into Blue Mesa Reservoir has declined 40,000 acre-feet to 450,000 acre-feet, which places the basin in a "Moderately Dry" year type as defined in the Record of Decision for the Aspinall Unit reoperations EIS. Forecasts for Uncompahgre River runoff into Ridgway Reservoir and the North Fork Gunnison into Paonia Reservoir have declined to 65 and 71 percent of the median, respectively.

### Administrative/Management Concerns

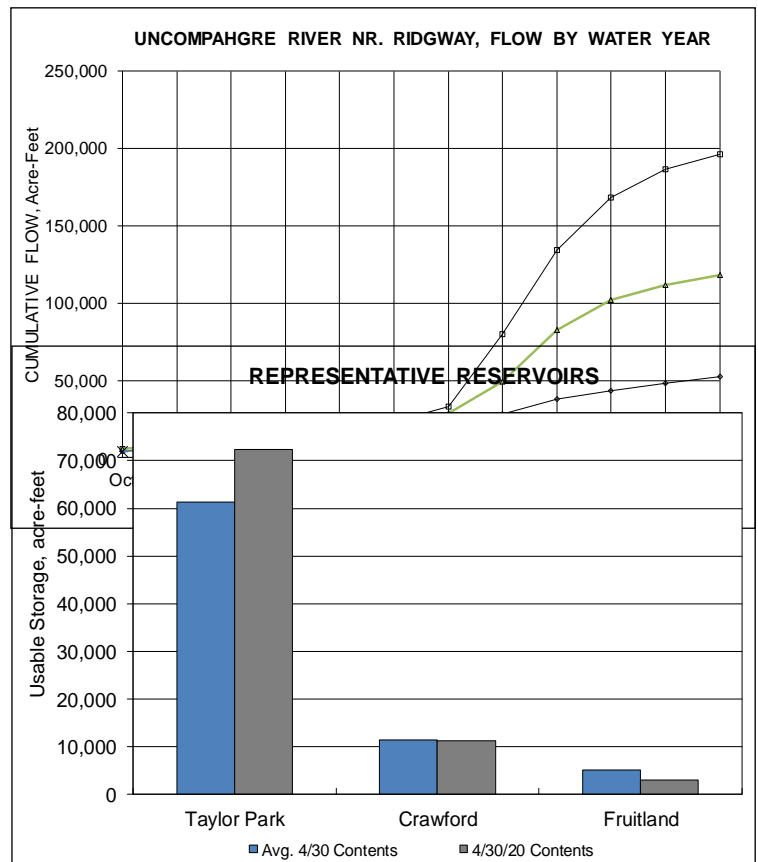
Continued dry conditions, which resulted in high demand from irrigators in the Uncompahgre Valley caused the Uncompahgre Valley Water Users Association (UVWUA) to hit their typical full diversion at the Gunnison Tunnel of over 1,000 cfs by April 13th. The lack of significant high runoff in April and this heavy demand resulted in an April hole where the Tunnel used 4,900 acre-feet of storage already by May 1st. The UVWUA reported difficulty getting water at the end of some of their main canals for irrigators so, which resulted in the use of 1,726 acre-feet of storage from Ridgway Reservoir as well.

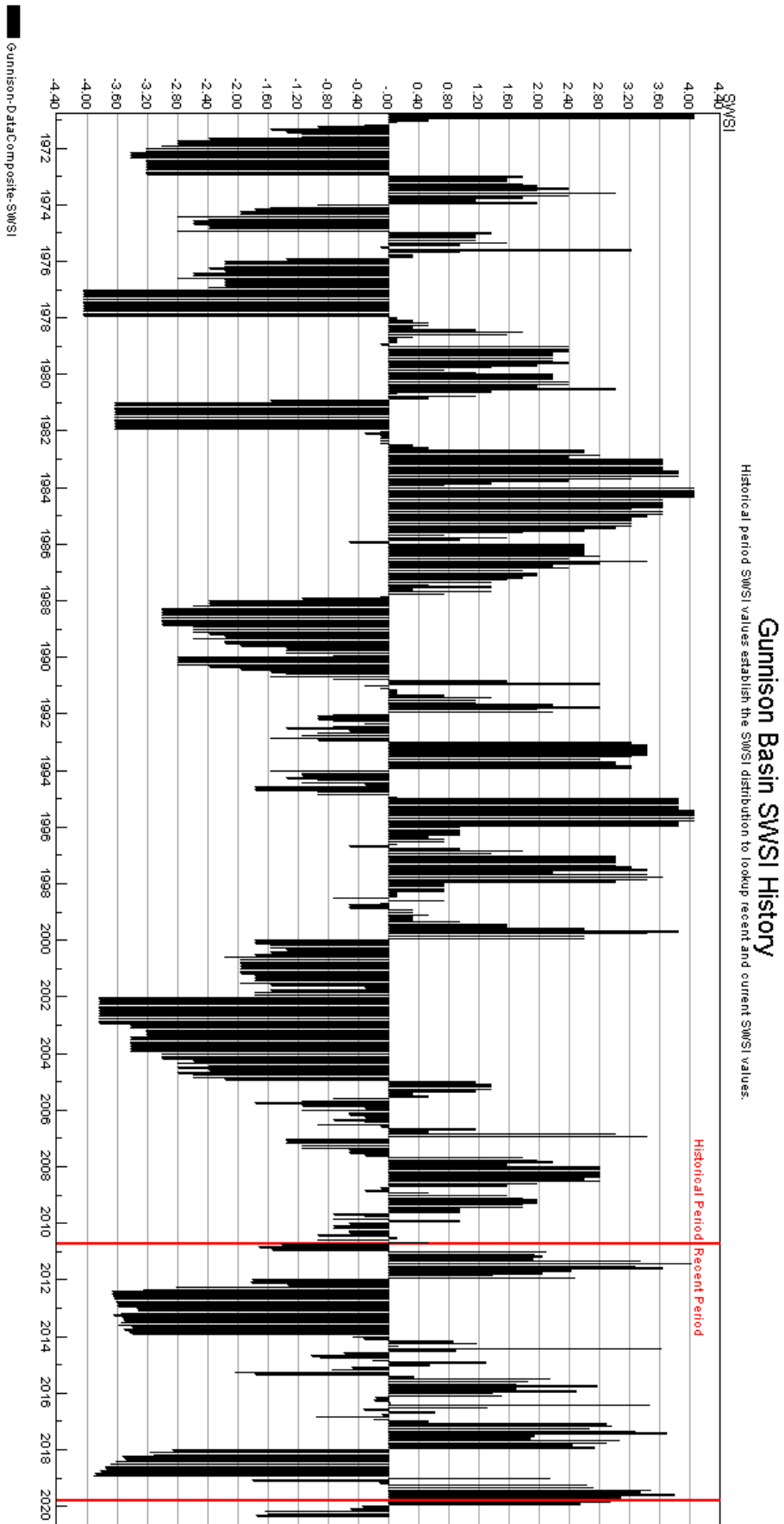
As mentioned previously, the 450,000 acre-feet inflow forecast for Blue Mesa Reservoir will result in the Bureau of Reclamation attempting to reach a one day peak flow target on the Gunnison River at Whitewater of 5,400 cfs. Releases made to satisfy the one day peak for ROD operations will also satisfy the 2,200 cfs one day peak target in the Black Canyon of the Gunnison. Base flows for a "moderately dry" year type are 890 cfs in May, 1,050 cfs for June and July, after which they will drop back to 890 cfs for August and September. Reclamation announced on May 12th that they will begin ramping up releases from Crystal Dam to reach the peak target by May 17th.

Calls have been placed on Dirty George Creek and may go on in Ward Creek soon due to the lack of runoff and dry conditions. In addition to curtailing junior direct flow rights, calls on these tributaries of Surface Creek also curtail storage for junior reservoirs on top of the Grand Mesa. Division of Water Resources (DWR) staff are currently determining reservoir elevations to determine how much was stored in each reservoir during the winter and the elevation each reservoir was at when the call was placed. Most reservoirs on the Grand Mesa remain frozen, meaning that outlets cannot be operated. The water surface elevation at time of call allows DWR to calculate any amount stored out-of-priority for release when the outlets can be operated.

### Public Use Impacts

Boaters considering boating in the Gunnison Gorge should pay attention to Reclamation forecasts for releases from Crystal Dam as they will be increasing by more than 500 cfs per day from May 15th to May 17th and then decreasing rapidly after the peak is attained.





May-20

Basinwide Conditions Assessment

The SWSI value for the month was -0.6.

Outlook

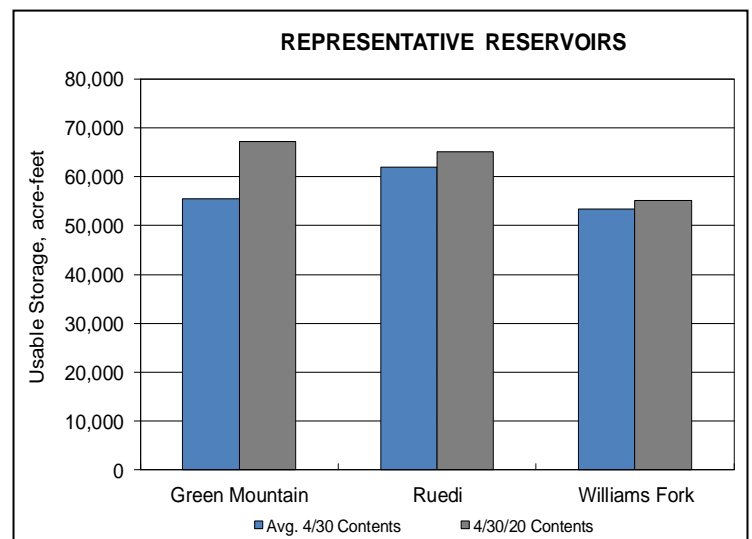
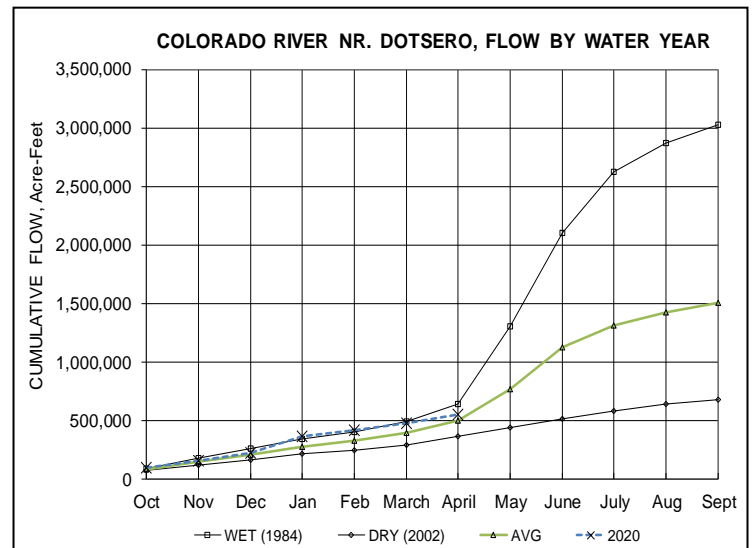
Colorado River flows are running about average and are forecasted to run at or below average with tributary flows running at or above average through May. As of May 20th, the Upper Colorado River Basin snowpack was 65 percent of median snow water equivalent and 84 percent of average precipitation. Above average temperatures and below average precipitation are forecast for May.

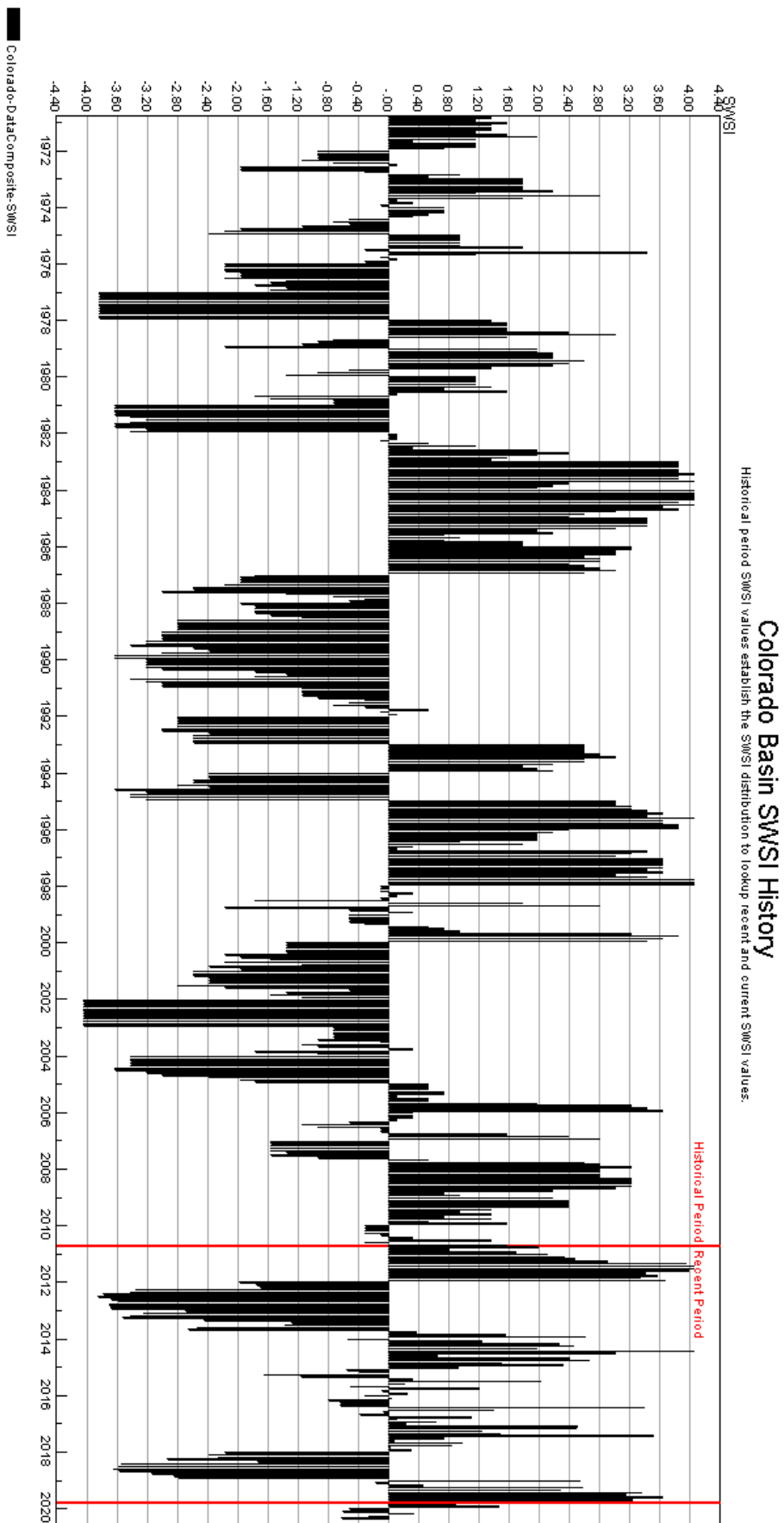
Administrative/Management Concerns

There is currently no call on the Colorado River. 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. Grand Valley Irrigation diversions (Government Highline/Orchard Mesa Irrigation, Grand Valley Irrigation canals) are running and are at or near full capacity. All reservoirs are expected to fill this year.

Public Use Impacts

Warm temperatures and dry winds dropped the snowpack in the mountains and will affect the peaks in the rivers. Soil moisture stations are also being monitored to determine how soil moisture affects spring runoff. The more water absorbed by the ground, the less that makes it into the rivers and streams.





## Basinwide Conditions Assessment

The SWSI value for the month was -0.4.

**Precipitation (24 sites)** - Entire Yampa, White, and North Platte basins were **79%** of the monthly average, putting the basin at 97% of average for the water year to date. This is down from last year's monthly average of 97%. For the month, the lowest percent of average, at 45%, was the Burro Mountain SNOTEL station. The highest, at 115%, was the Columbine SNOTEL station.

*\*Averages are from 1981-2010 records*

**Snowpack (25 sites)** - Yampa, White, and North Platte basins were **100%** of the monthly SWE median. This is down from last year's median of 109%. For the month, the lowest percent of median, at 53%, was the Burro Mountain SNOTEL station. The highest, at 255%, was the Crosho SNOTEL station. The largest snow depth is at 113 inches from the Tower SNOTEL site at 10,500 ft in elevation.

*\*Averages are from 1981-2010 records*

## Reservoir Outlook

Elkhead Reservoir - May 1<sup>st</sup>, 2020 elevation was 80.6' and 25,217 AF of 25,550 AF - 98% capacity.

Fish Creek Reservoir - May 1<sup>st</sup>, 2020 elevation was 9865.41' at 1,818 AF of 4,170 AF - 43.6% capacity.

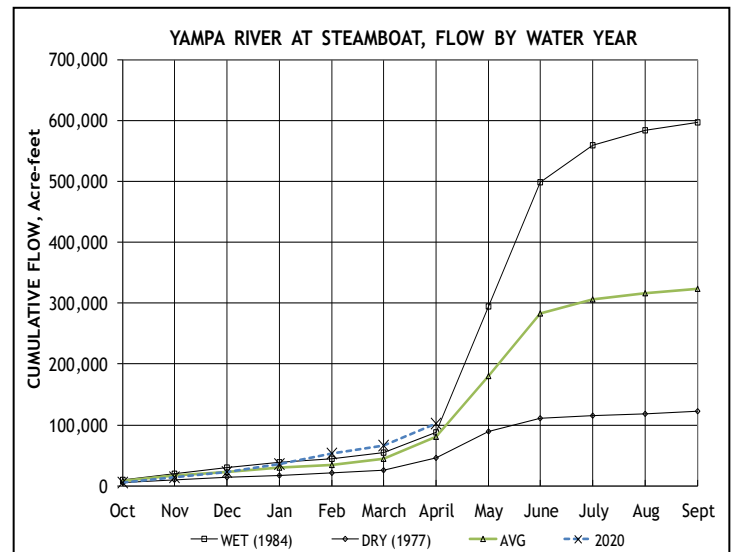
Stagecoach Reservoir - May 1<sup>st</sup>, 2020 capacity level was at 35,800 AF of 36,500 AF - 98% capacity, 118% average, 107% last year

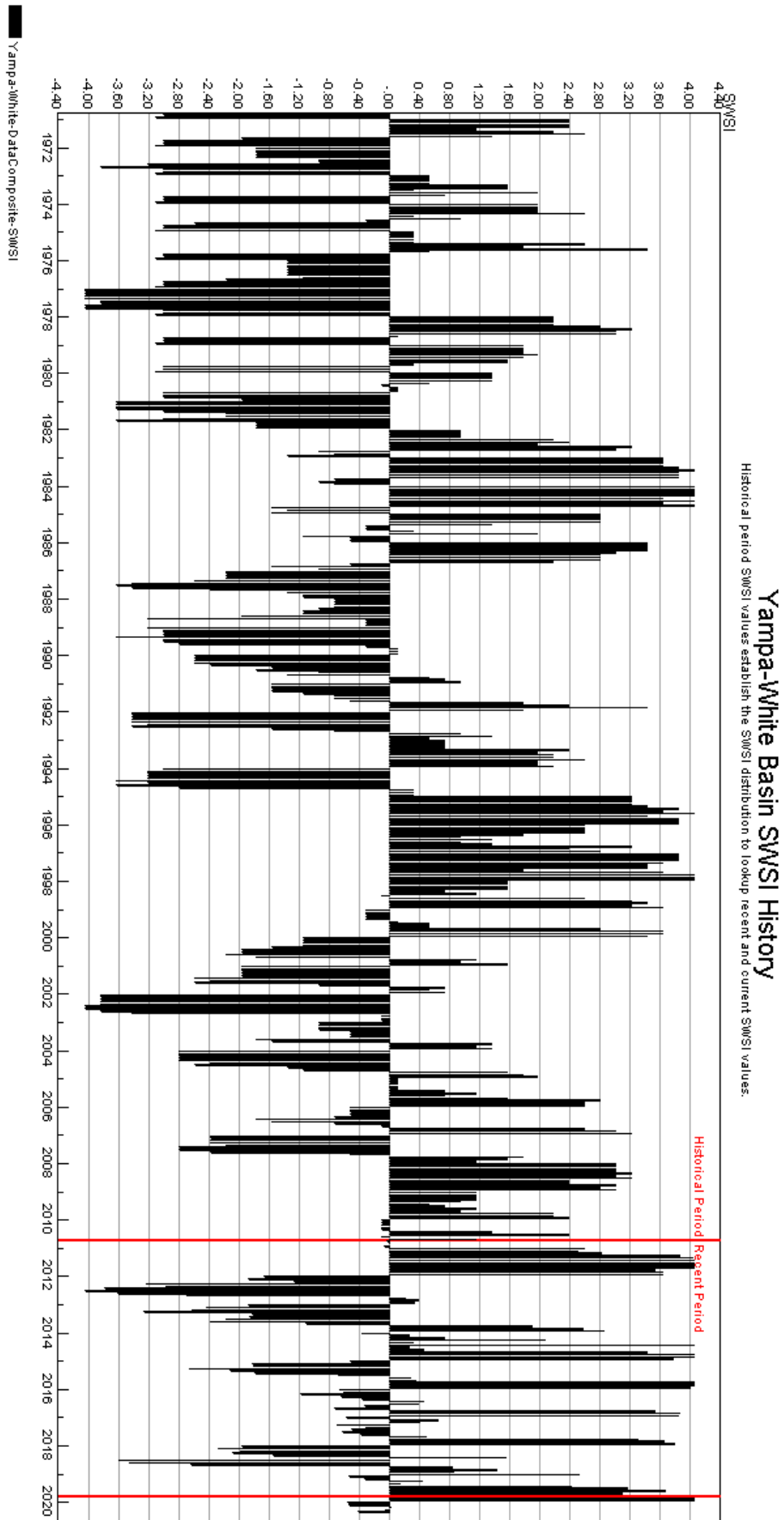
Yamcolo Reservoir - May 1<sup>st</sup>, 2020 capacity level was at 8,200 AF of 8,700 AF - 94% capacity, 117% average, 152% last year.

*\*Averages are from 1981-2010 records*

## Administrative Concerns

The only active call is on Talamantes Creel, placed on 4/28/2020 at 17:00.





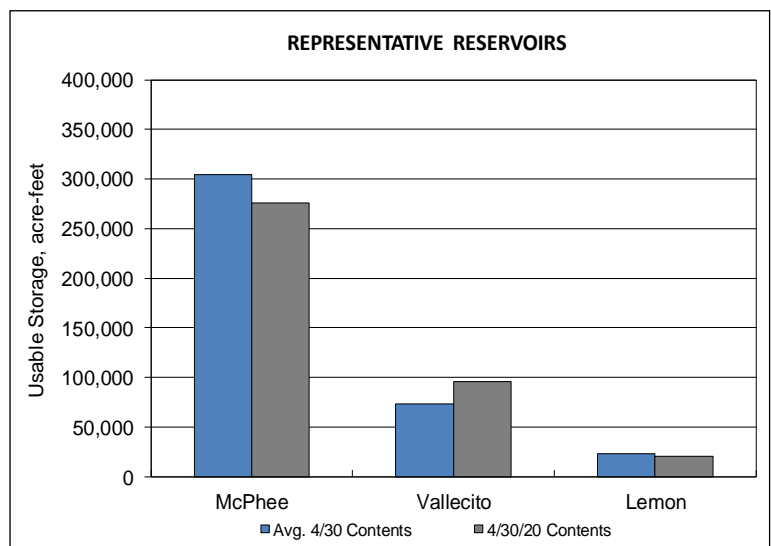
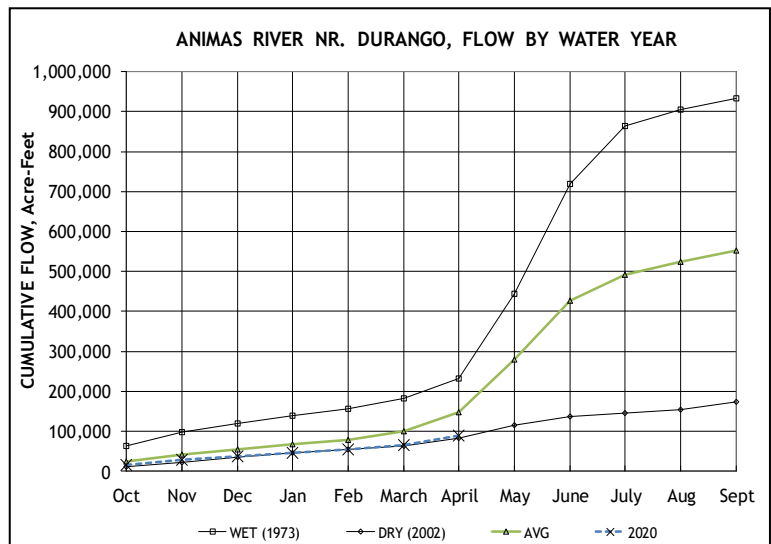
### Basinwide Conditions Assessment

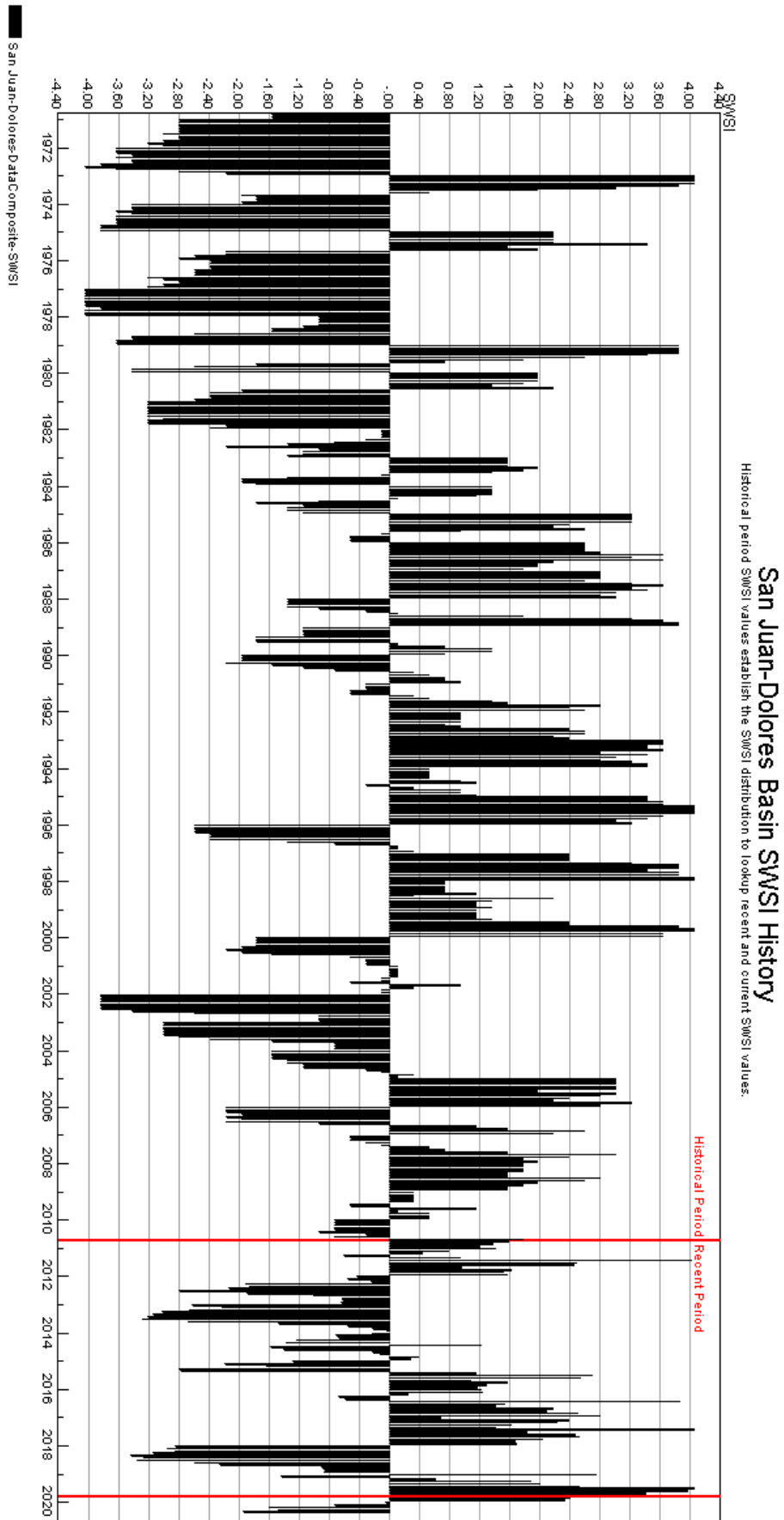
The SWSI value for the month was -1.9.

Flow at the Animas River at Durango averaged 444 cfs (53% of average). The flow at the Dolores River at Dolores averaged 193 cfs (26% of average). The La Plata River at Hesperus averaged 38.4 cfs (48% of average). Precipitation in Durango was 0.09 inches for the month, 7% of the 30-year average of 1.33 inches. Precipitation to date in Durango, for the water year is 7.59 inches, 67% of the 30-year average of 11.26 inches. The average high and low temperatures for the month of April in Durango were 66° and 32°. 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 95,827 acre-feet compared to its average content of 67,125 acre-feet (143% of average). McPhee Reservoir was up to 276,080 acre-feet compared to its average content of 305,660 (90% of average), while Lemon Reservoir was up to 20,140 acre-feet as compared to its average content of 22,991 acre-feet (88% of average).

### Outlook

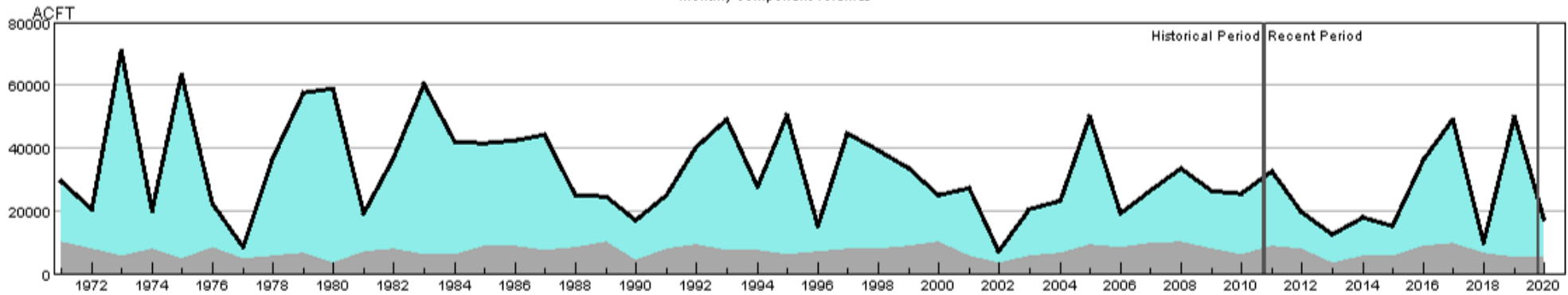
Precipitation (0.09 inches) was well below average for April in Durango. There were 120 years out of 125 years of record where there was more precipitation than this year. The flows in the rivers fell below average for the month when compared to the previous month. There are 94 out of 109 years of record where the total flow past the Animas River at Durango stream gauge was more than this year. There were 104 out of 109 years of record where the total flow past the Dolores stream gauge was more than this year and 87 out of 103 years of record where the total flow past the La Plata River at Hesperus gauge was more than this year. Most of the reservoirs within the basin are near average for this time of year. On April 30, the NRCS SNOTEL sites reported an average snow-water-equivalent within the basin at 74%. Last month the average snow-water-equivalent at the end of the month was 100%.





## HUC 14080107 (Mancos) Surface Water Supply - MAY

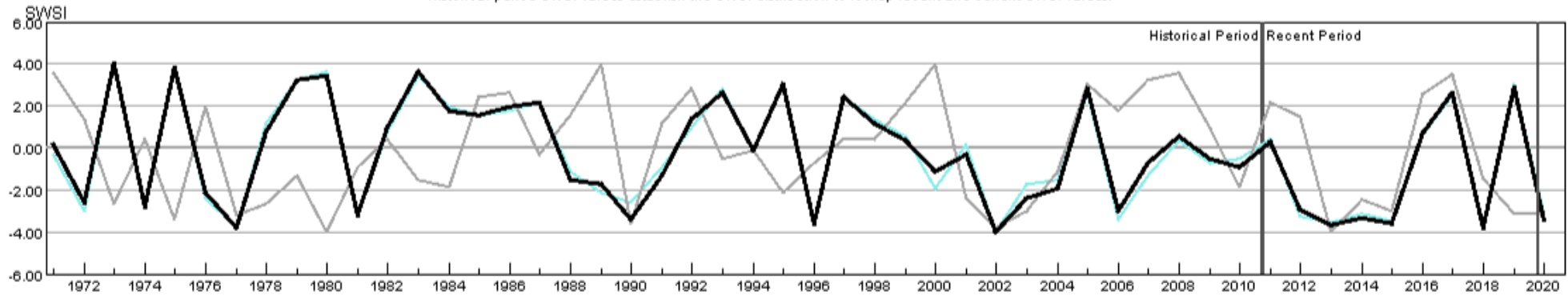
Monthly component volumes



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

## HUC 14080107 (Mancos) SWSI Values - MAY

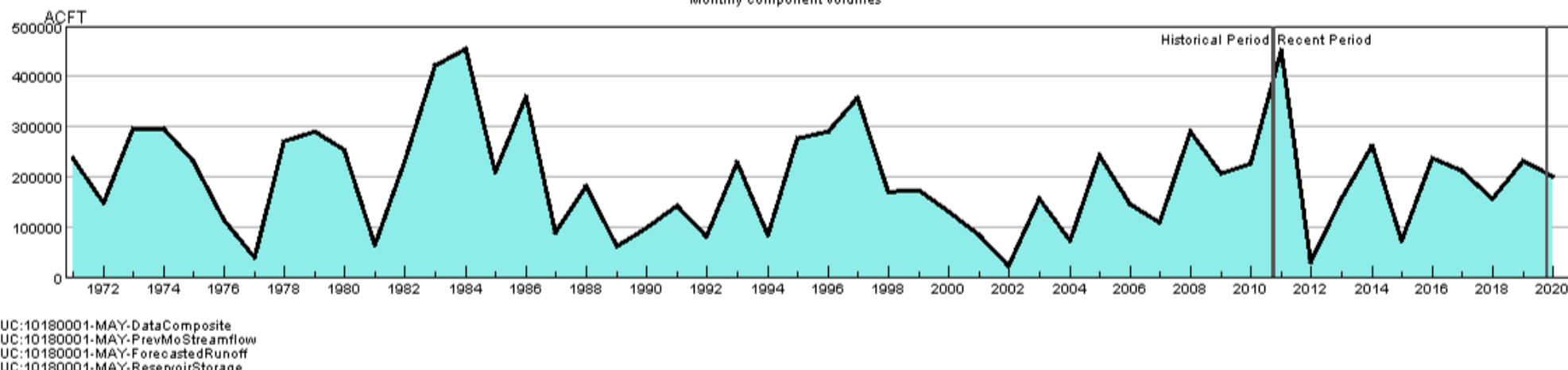
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:14080107-MAY-PrevMoStreamflow-SWSI  
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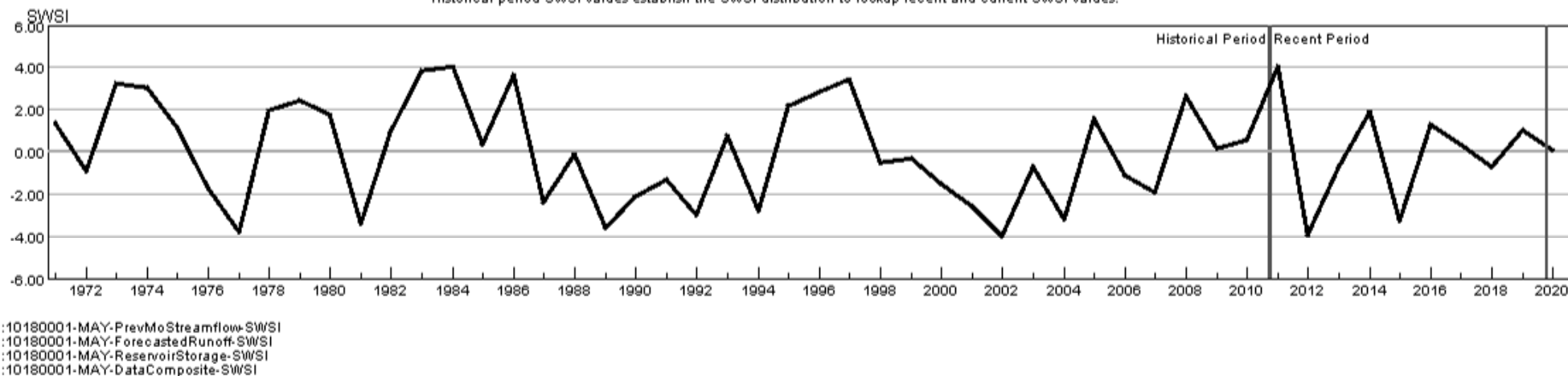
## HUC 10180001 (North Platte Headwaters) Surface Water Supply - MAY

Monthly component volumes



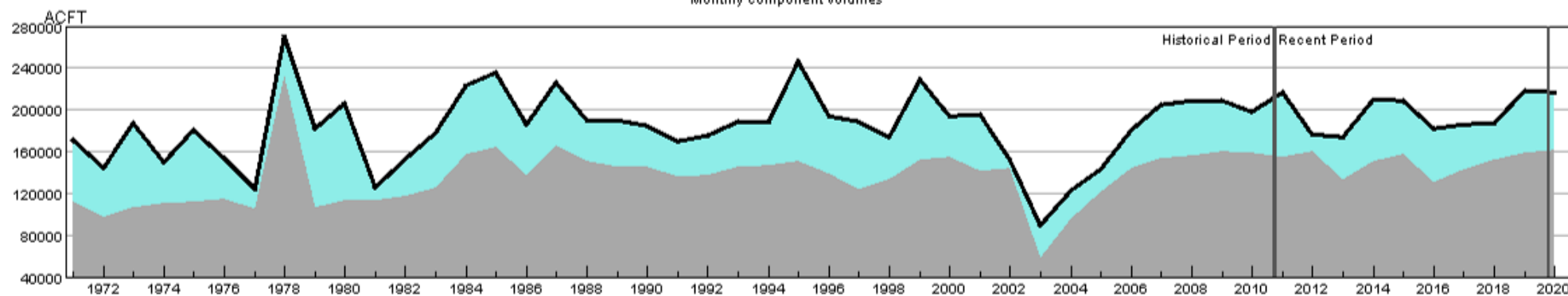
## HUC 10180001 (North Platte Headwaters) SWSI Values - MAY

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



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

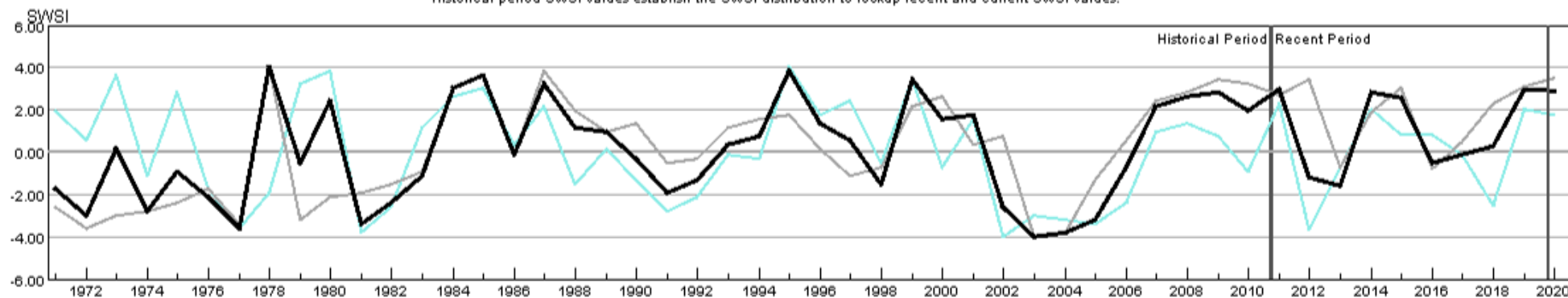
Monthly component volumes



HUC:10190001-MAY-DataComposite  
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 HUC:10190001-MAY-ReservoirStorage

## HUC 10190001 (South Platte Headwater) SWSI Values - MAY

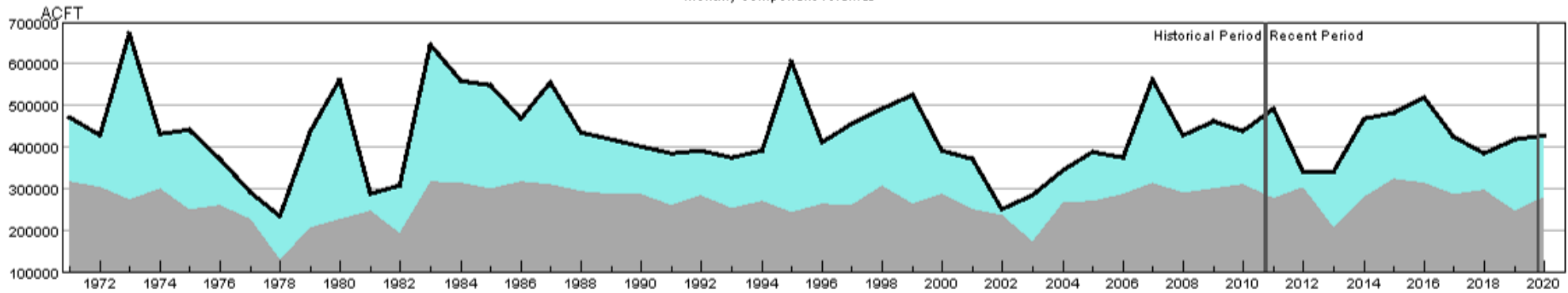
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

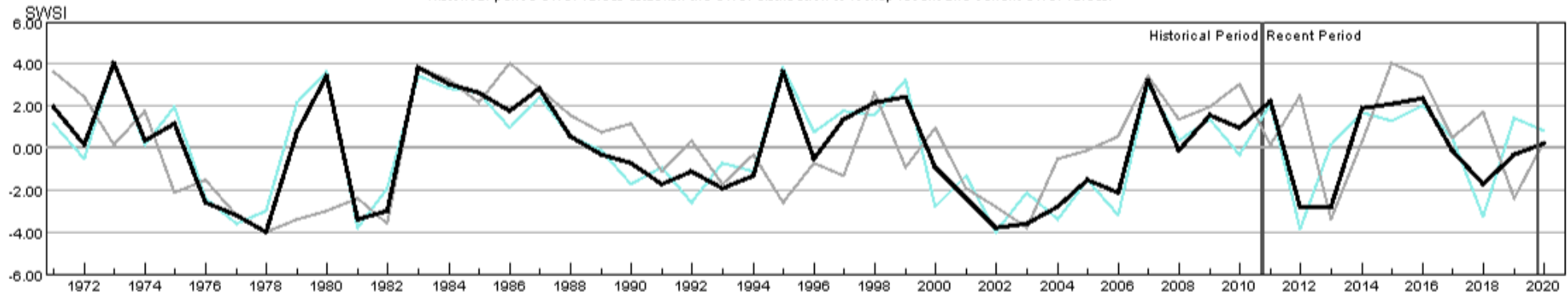
Monthly component volumes



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

## HUC 10190002 (Upper South Platte) SWSI Values - MAY

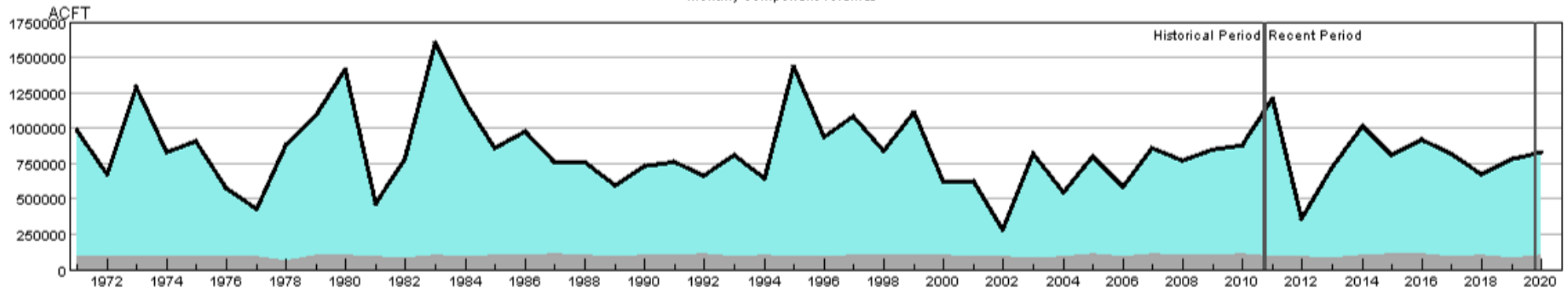
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:10190002-MAY-PrevMoStreamflow-SWSI  
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## HUC 10190003 (Middle South Platte-Cherry Creek) Surface Water Supply - MAY

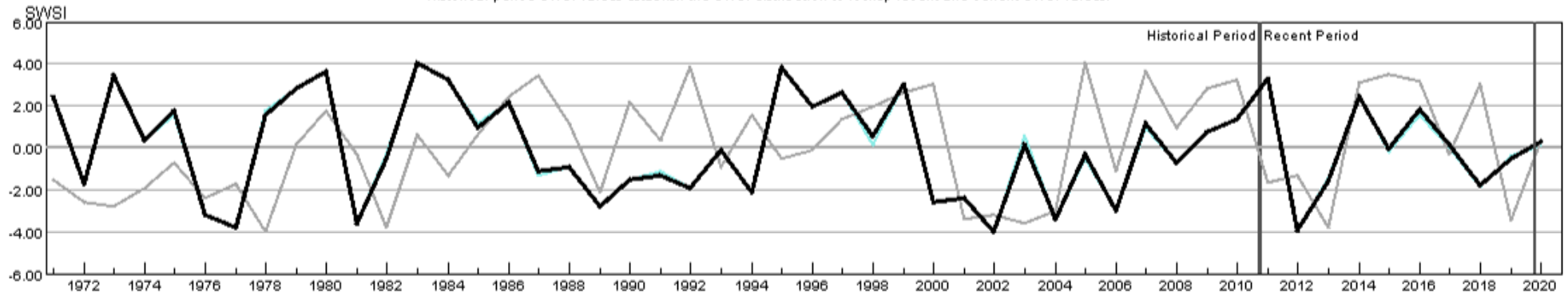
Monthly component volumes



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

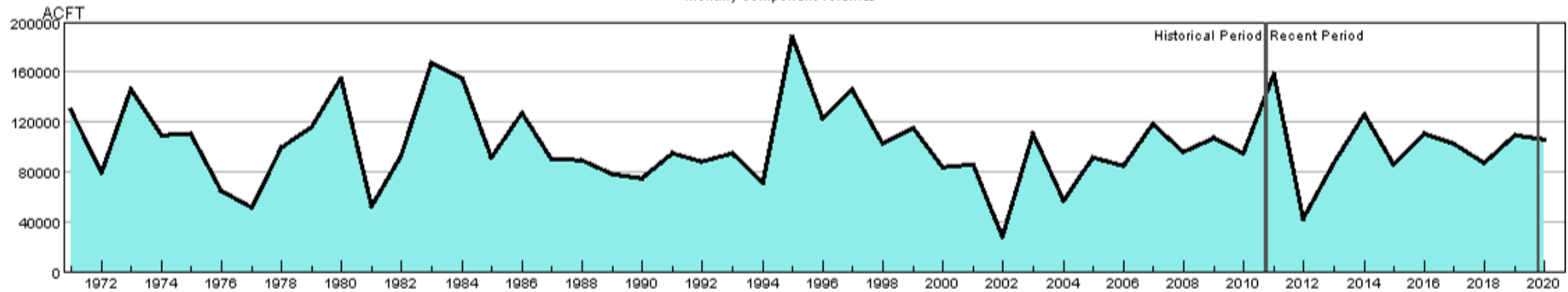
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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 HUC:10190003-MAY-DataComposite-SWSI

## HUC 10190004 (Clear) Surface Water Supply - MAY

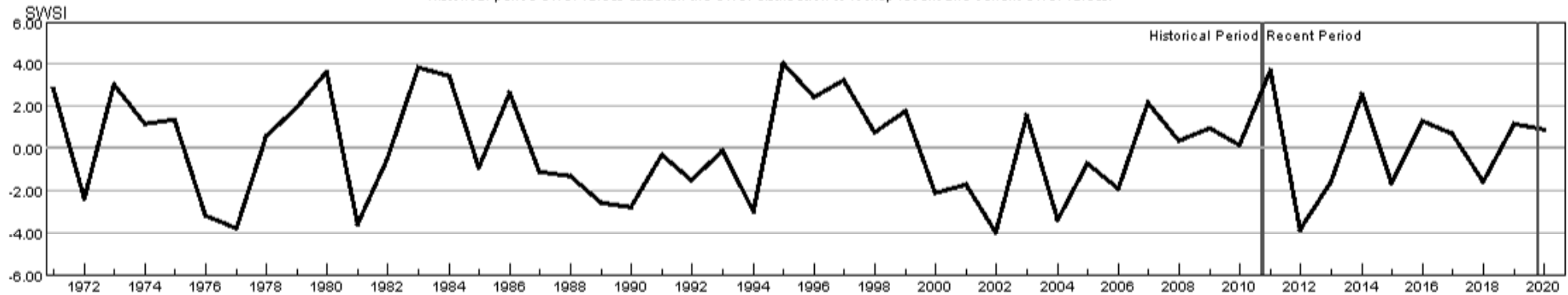
Monthly component volumes



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

## HUC 10190004 (Clear) SWSI Values - MAY

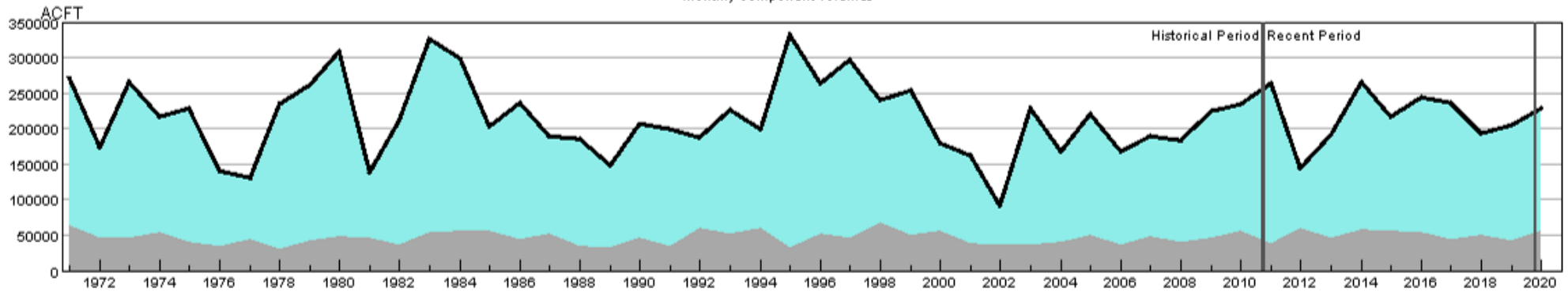
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



- HUC:10190004-MAY-PrevMoStreamflow-SWSI
- HUC:10190004-MAY-ForecastedRunoff-SWSI
- HUC:10190004-MAY-ReservoirStorage-SWSI
- HUC:10190004-MAY-DataComposite-SWSI

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

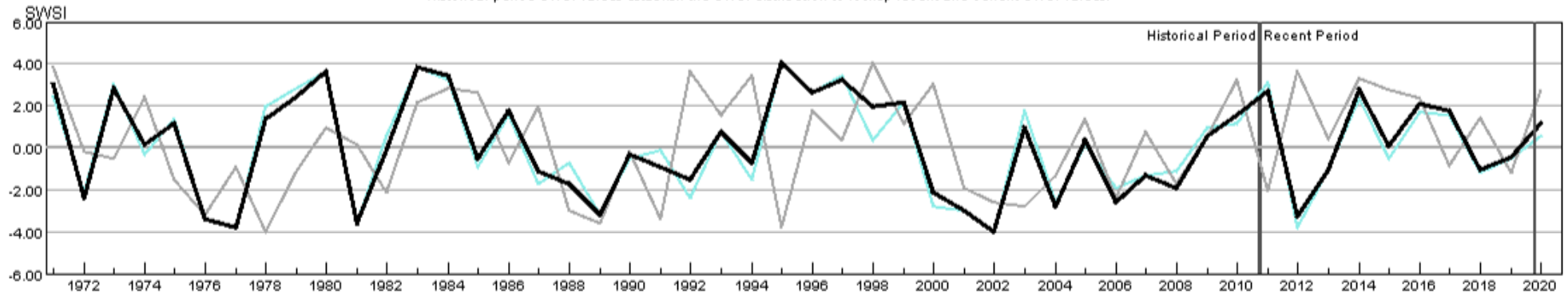
Monthly component volumes



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## HUC 10190005 (St. Vrain) SWSI Values - MAY

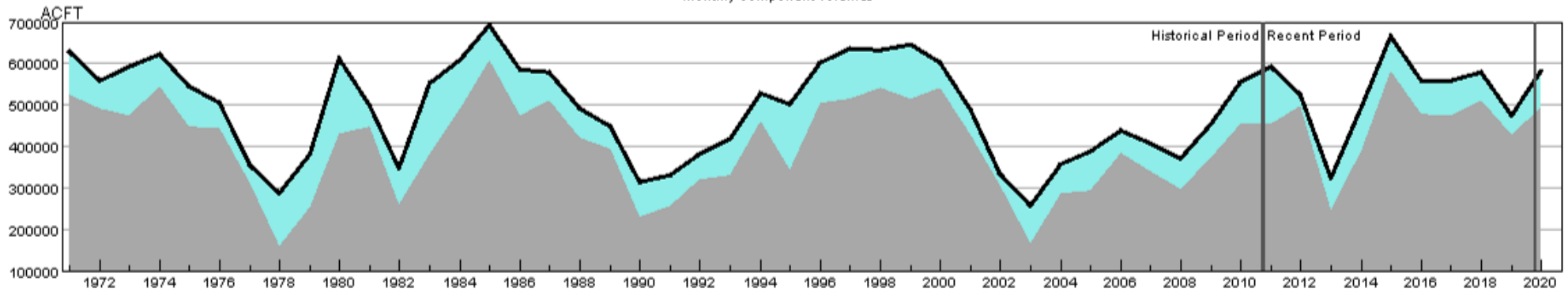
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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## HUC 10190006 (Big Thompson) Surface Water Supply - MAY

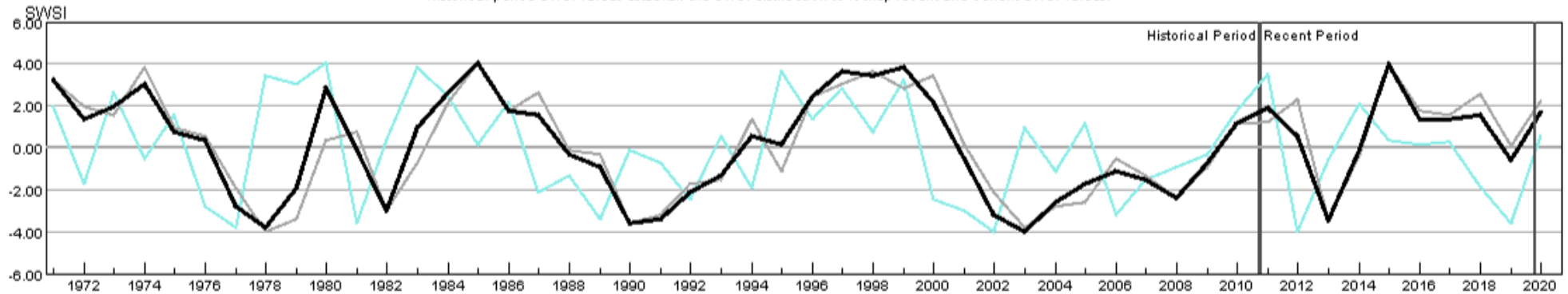
Monthly component volumes



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## HUC 10190006 (Big Thompson) SWSI Values - MAY

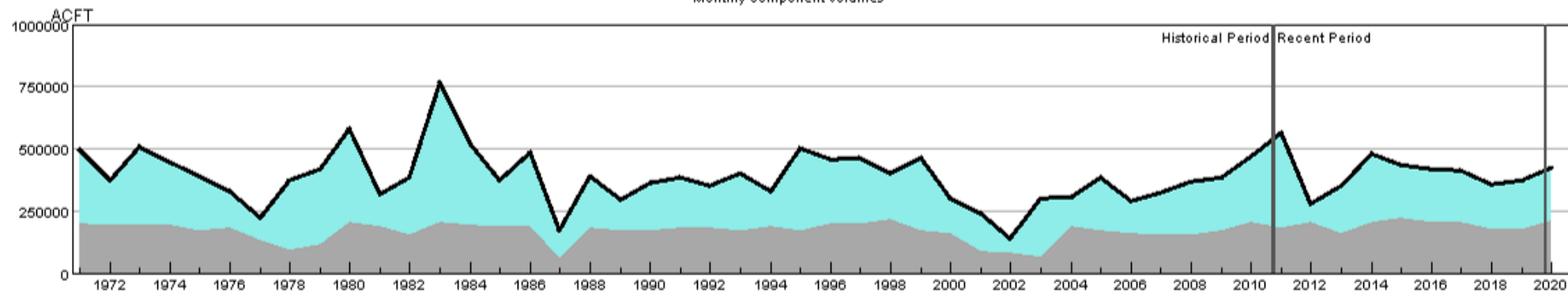
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

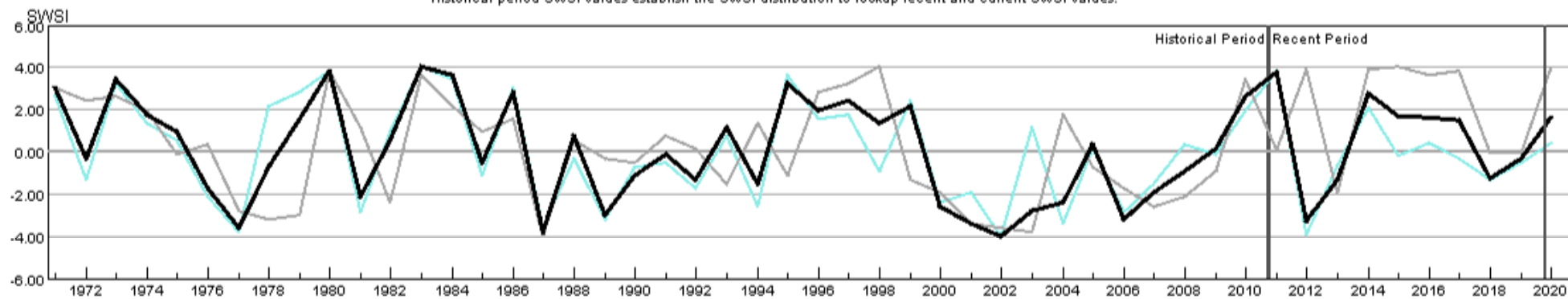
Monthly component volumes



HUC:10190007-MAY-DataComposite  
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 HUC:10190007-MAY-ReservoirStorage

## HUC 10190007 (Cache La Poudre) SWSI Values - MAY

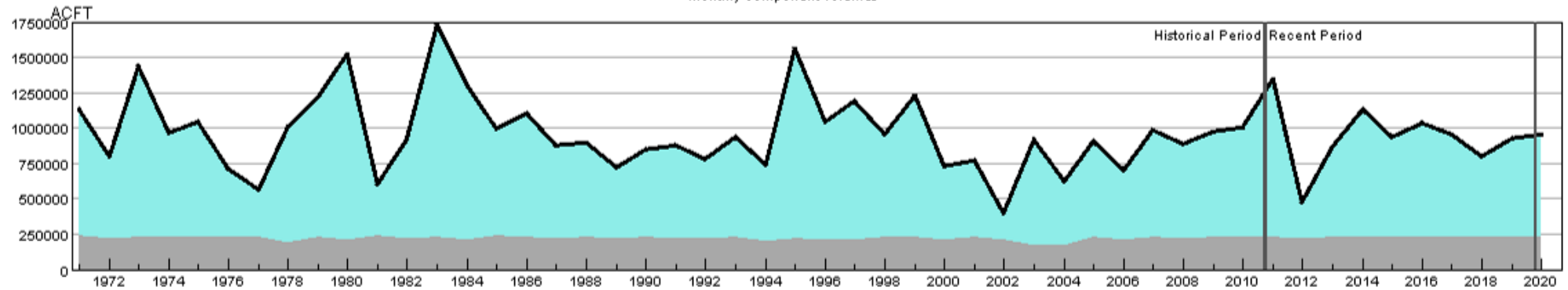
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

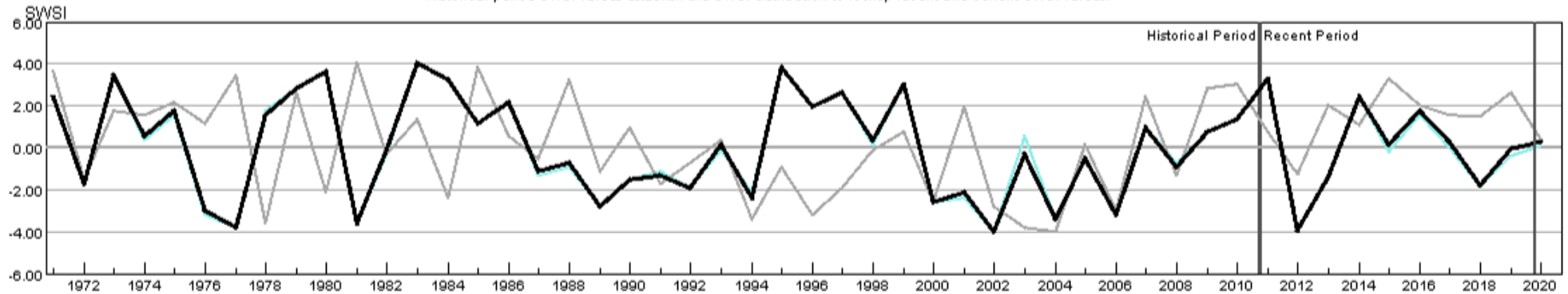
Monthly component volumes



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

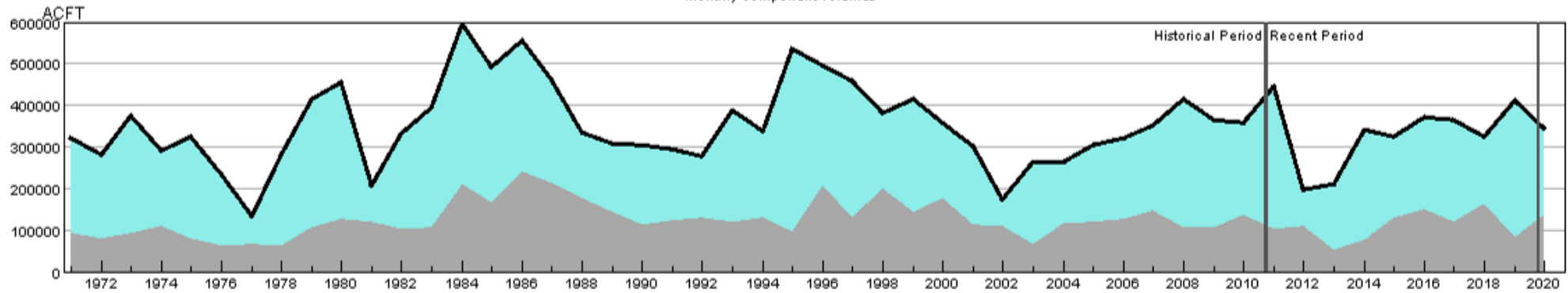
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:10190012-MAY-PrevMoStreamflow-SWSI  
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## HUC 11020001 (Arkansas Headwaters) Surface Water Supply - MAY

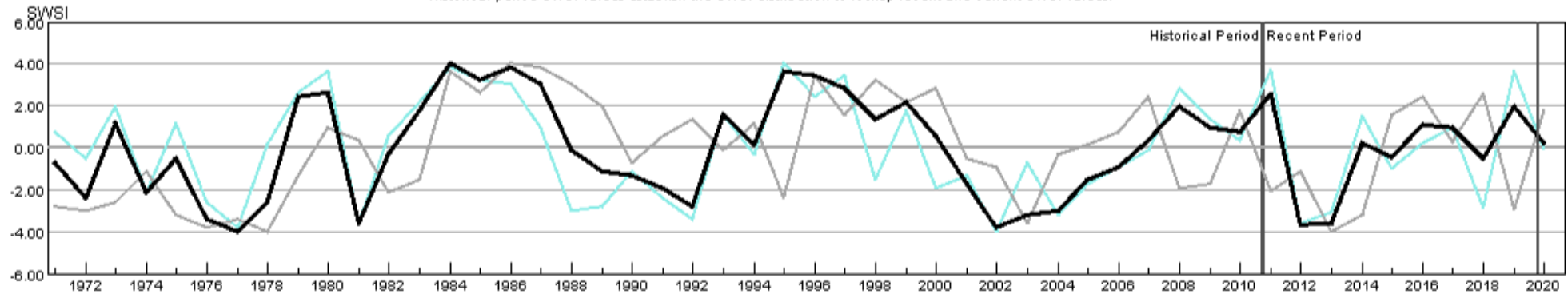
Monthly component volumes



HUC:11020001-MAY-DataComposite  
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## HUC 11020001 (Arkansas Headwaters) SWSI Values - MAY

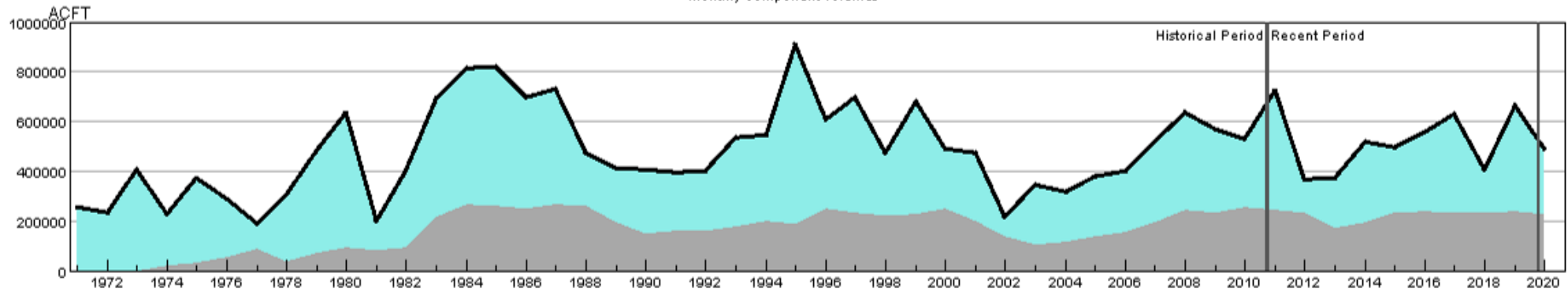
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

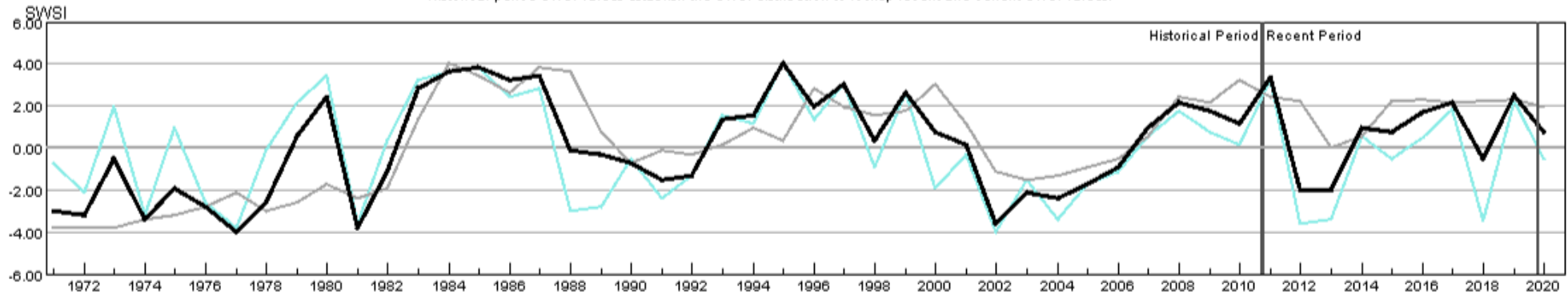
Monthly component volumes



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

## HUC 11020002 (Upper Arkansas) SWSI Values - MAY

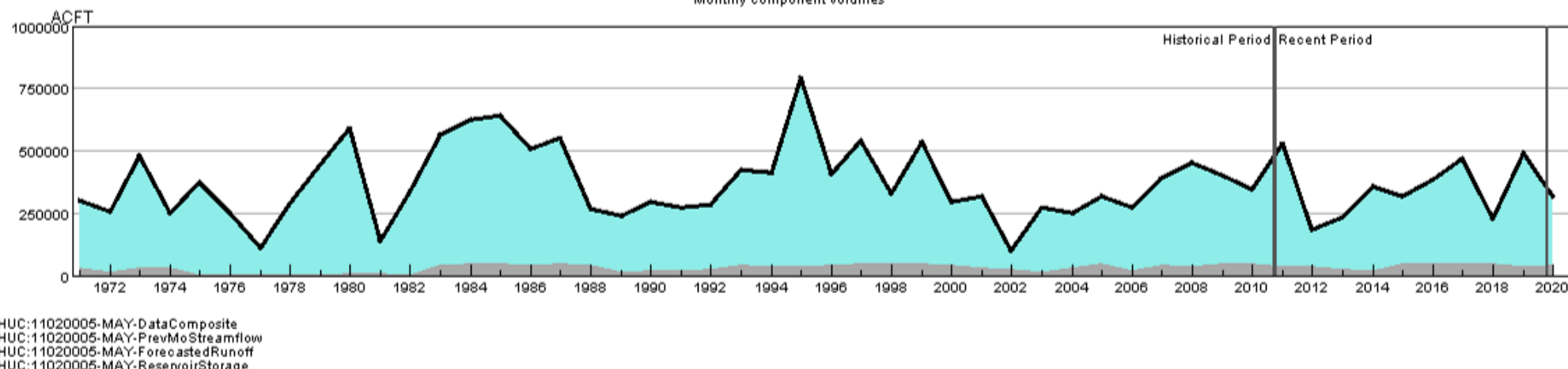
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

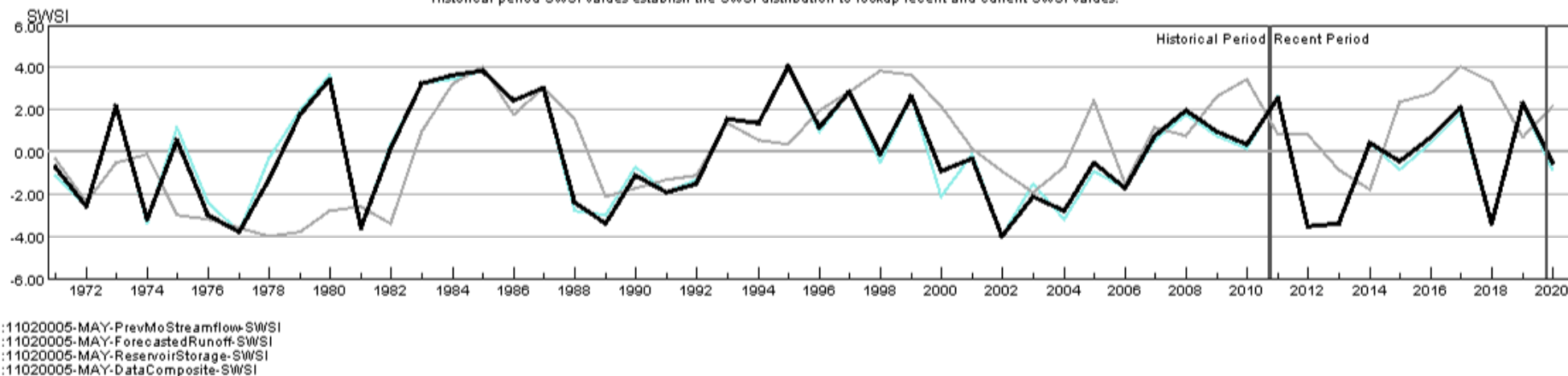
## HUC 11020005 (Upper Arkansas-Lake Meredith) Surface Water Supply - MAY

Monthly component volumes



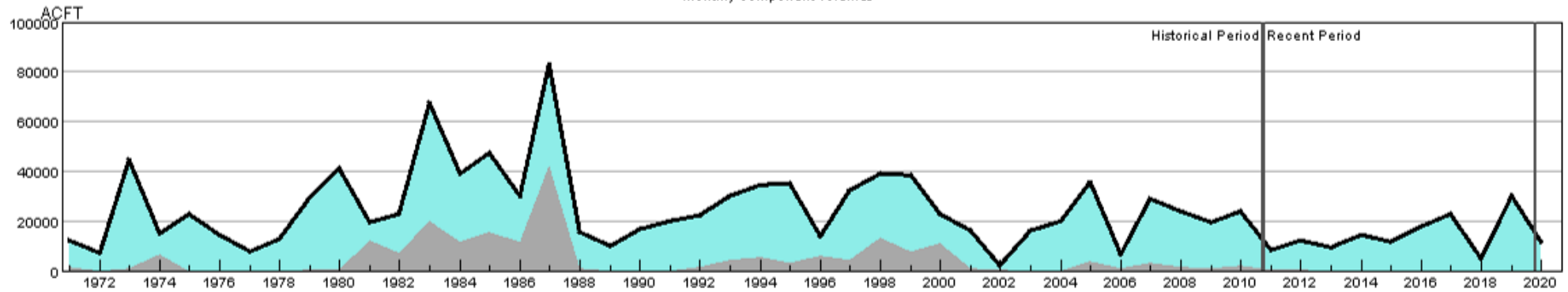
## HUC 11020005 (Upper Arkansas-Lake Meredith) SWSI Values - MAY

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



## HUC 11020006 (Huerfano) Surface Water Supply - MAY

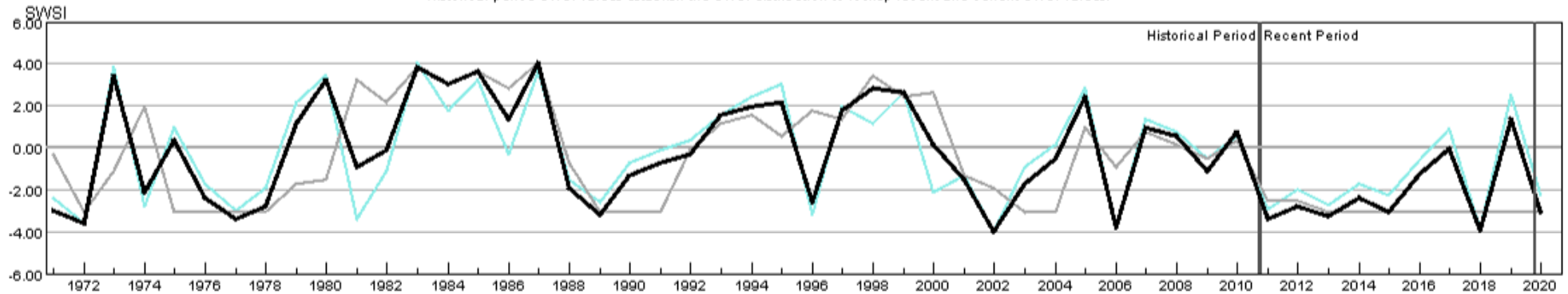
Monthly component volumes



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

## HUC 11020006 (Huerfano) SWSI Values - MAY

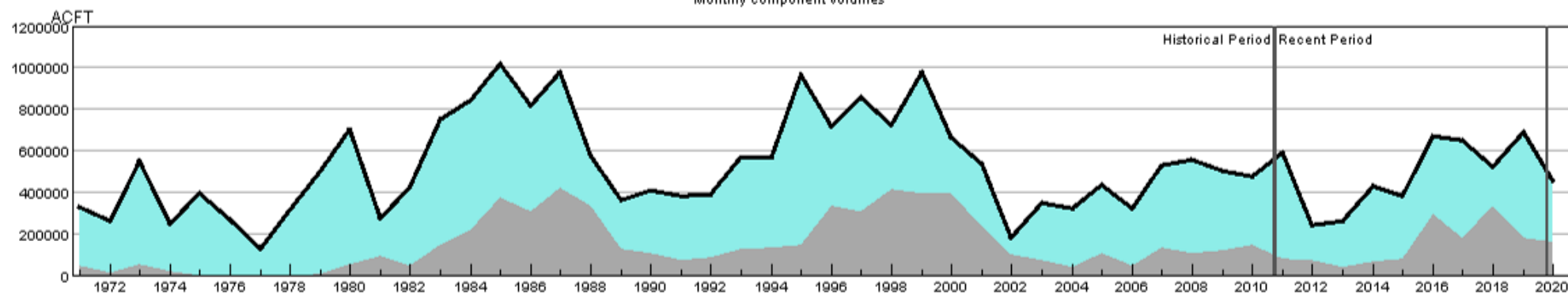
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

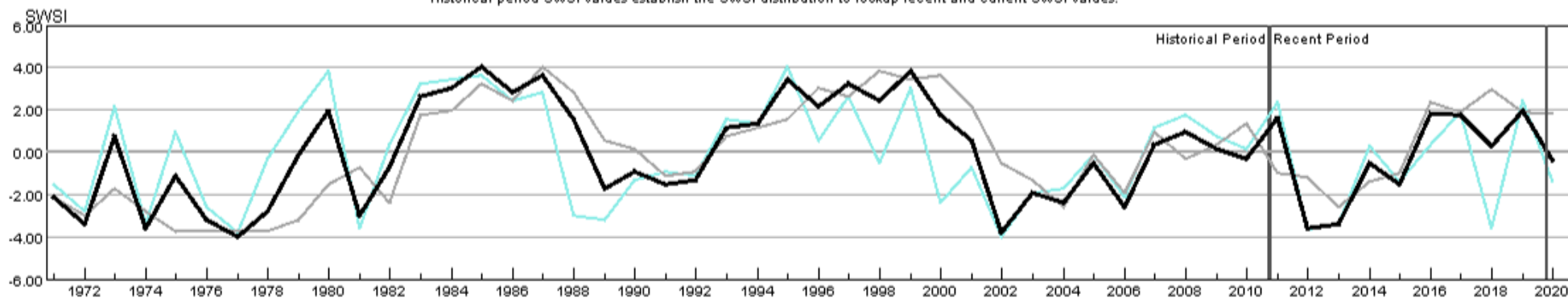
Monthly component volumes



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

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

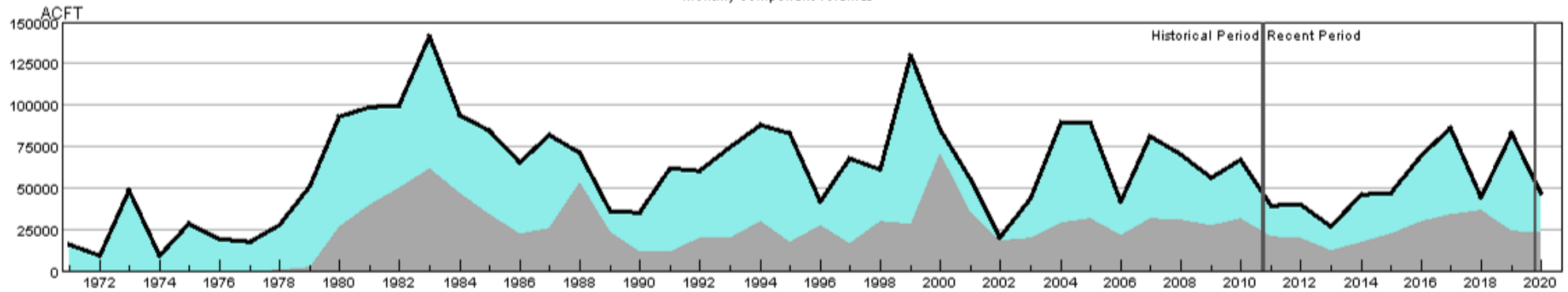
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

## HUC 11020010 (Purgatoire) Surface Water Supply - MAY

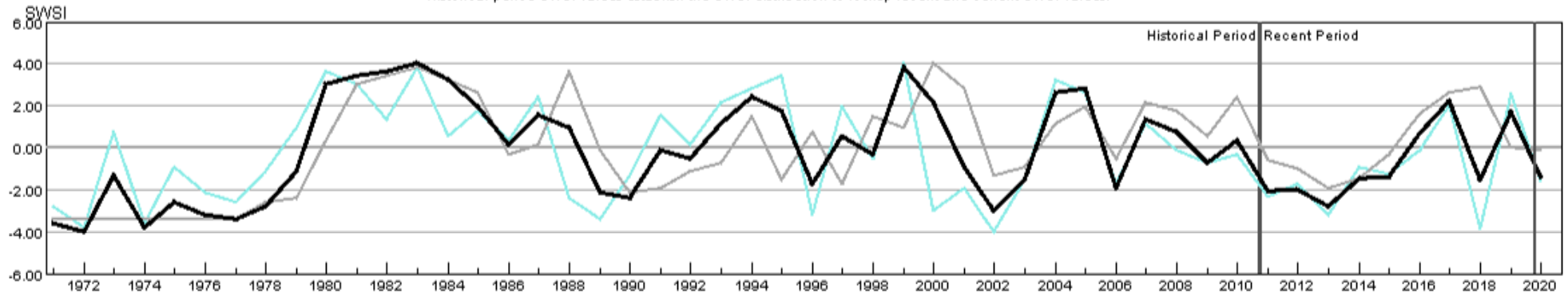
Monthly component volumes



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

## HUC 11020010 (Purgatoire) SWSI Values - MAY

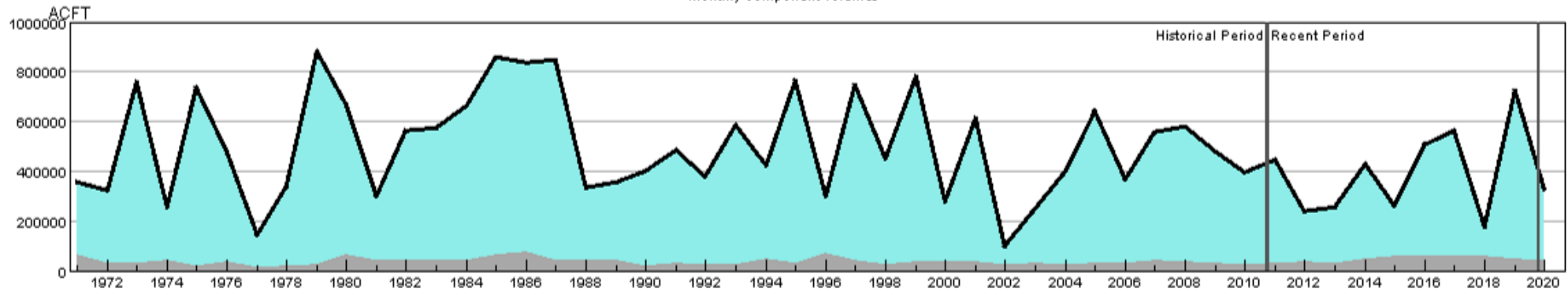
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

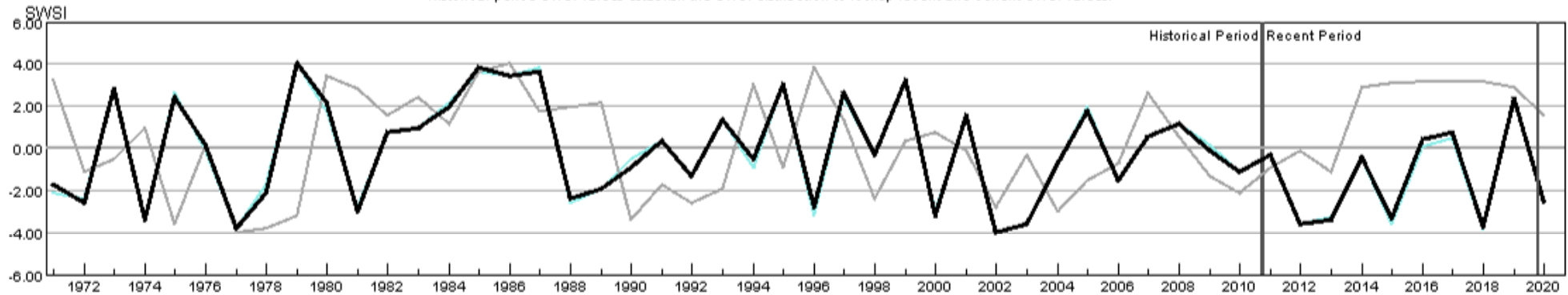
Monthly component volumes



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

## HUC 13010001 (Rio Grande Headwaters) SWSI Values - MAY

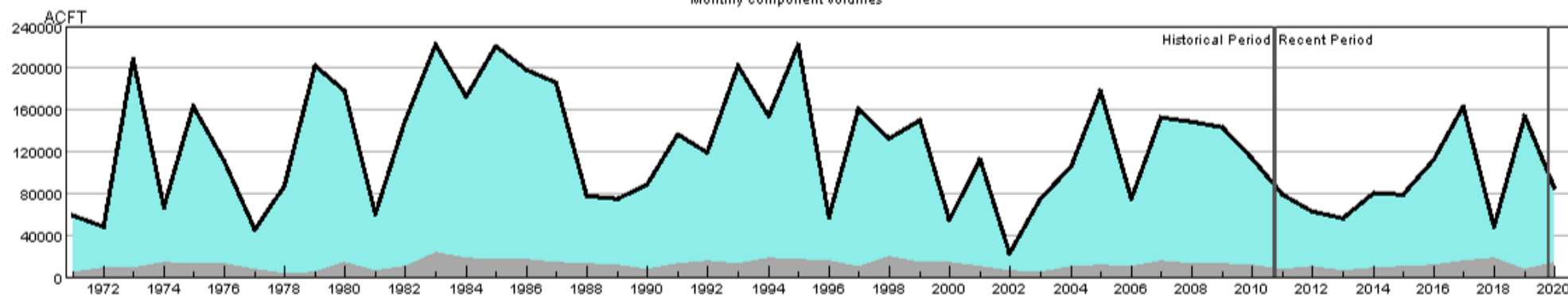
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

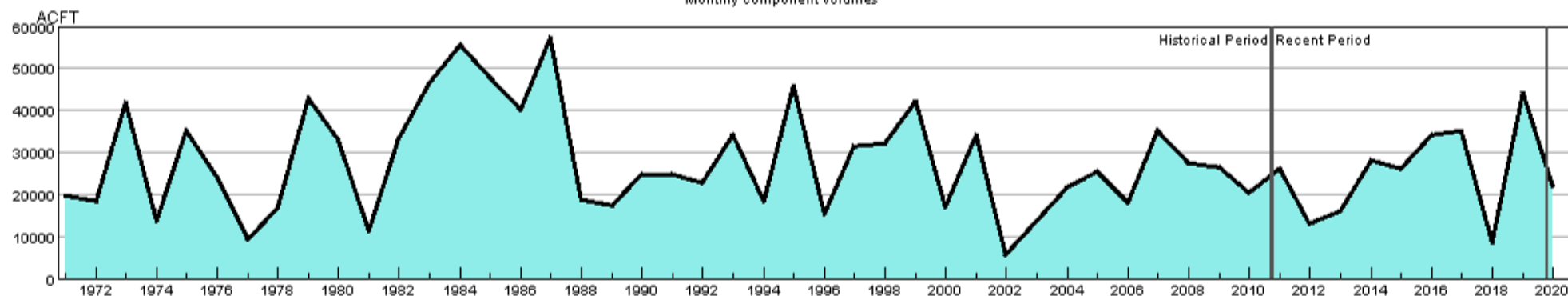
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

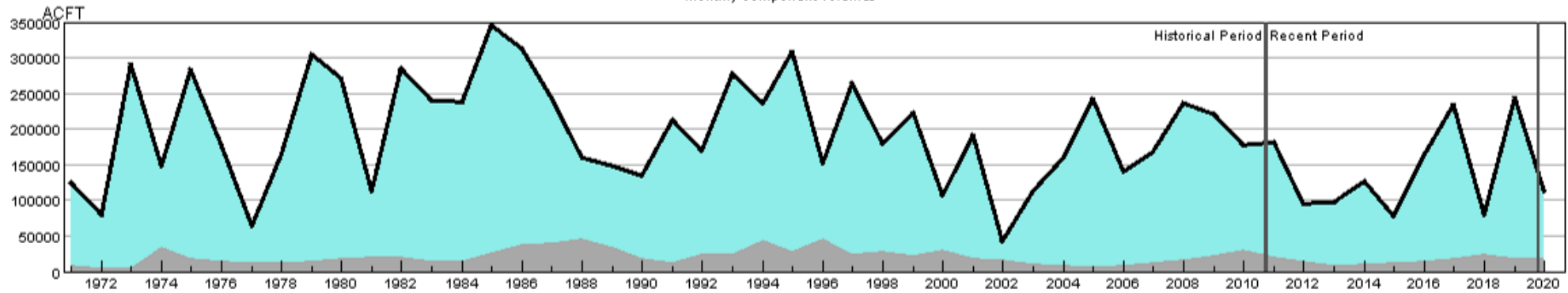
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

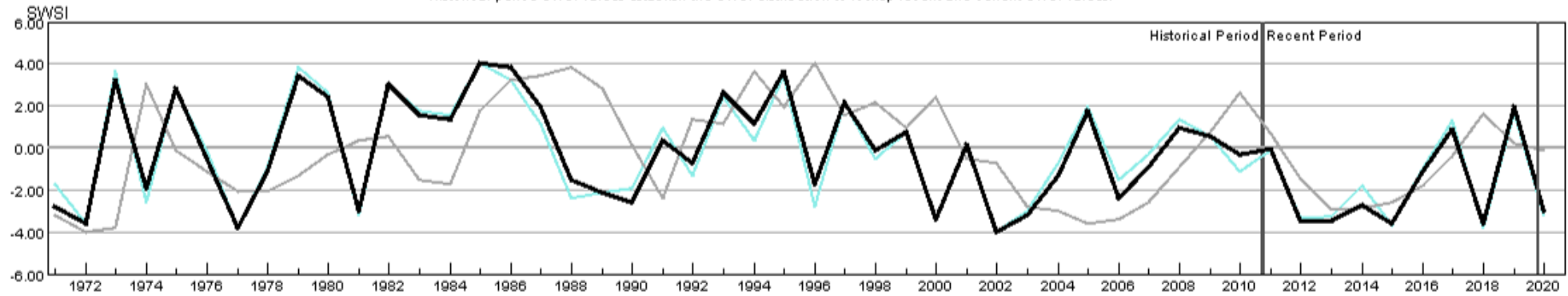
Monthly component volumes



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

## HUC 13010005 (Conejos) SWSI Values - MAY

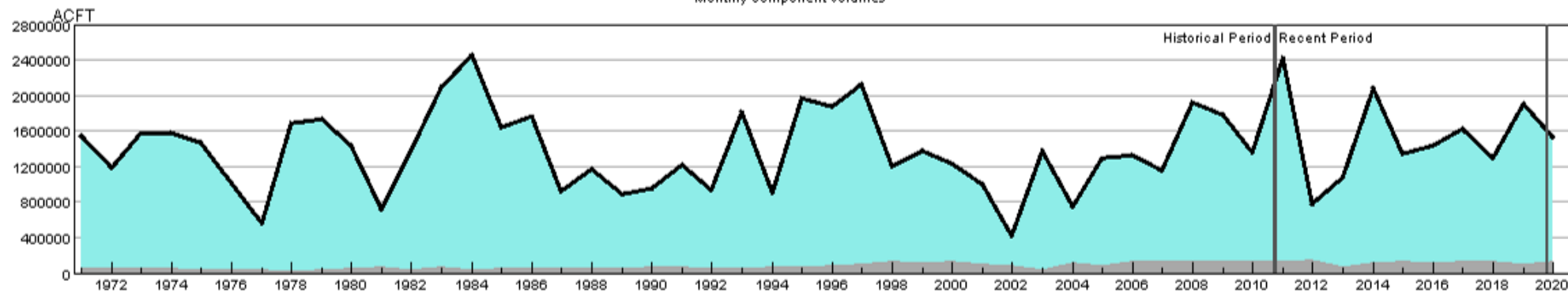
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

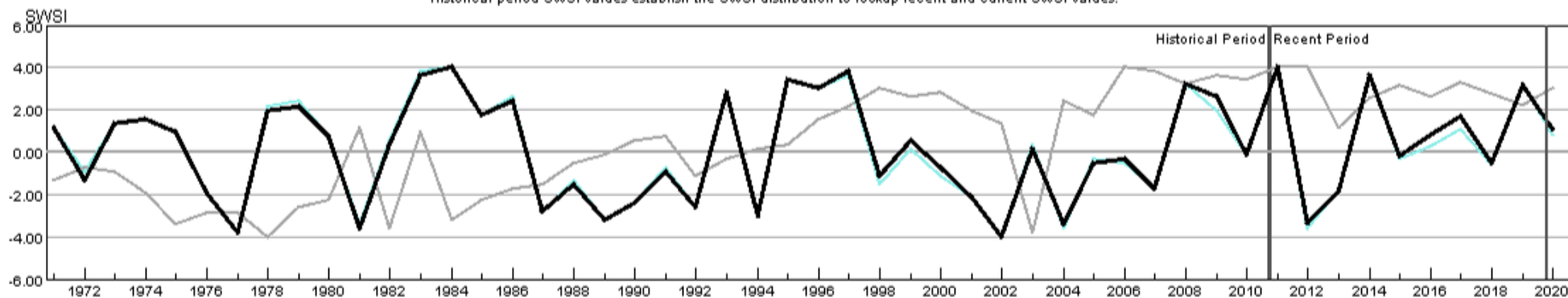
Monthly component volumes



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

## HUC 14010001 (Colorado Headwaters) SWSI Values - MAY

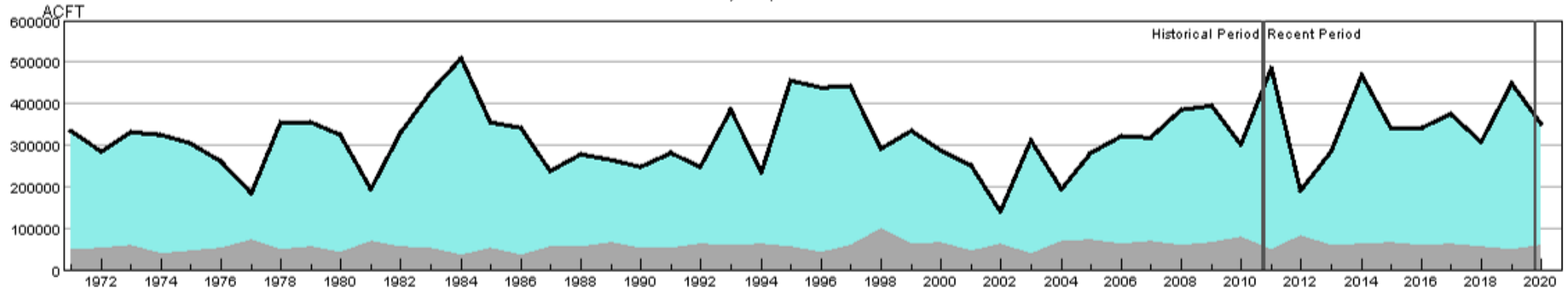
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

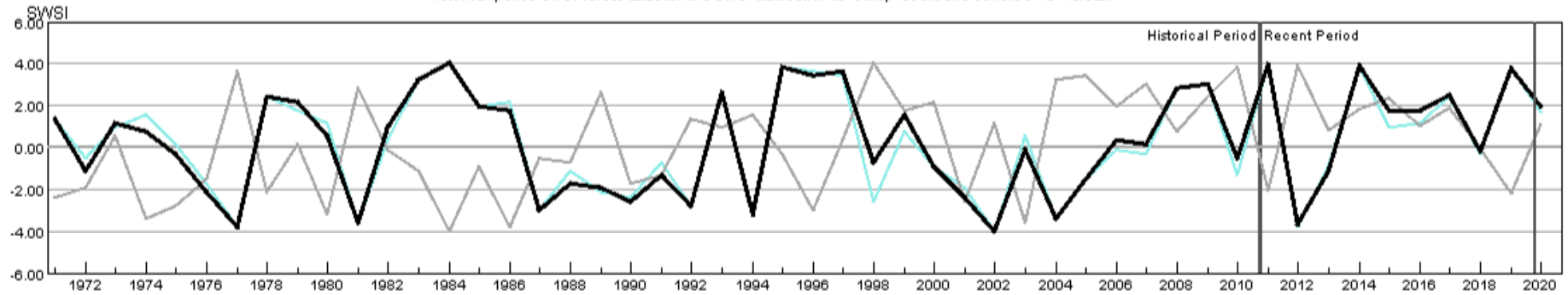
Monthly component volumes



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

## HUC 14010002 (Blue) SWSI Values - MAY

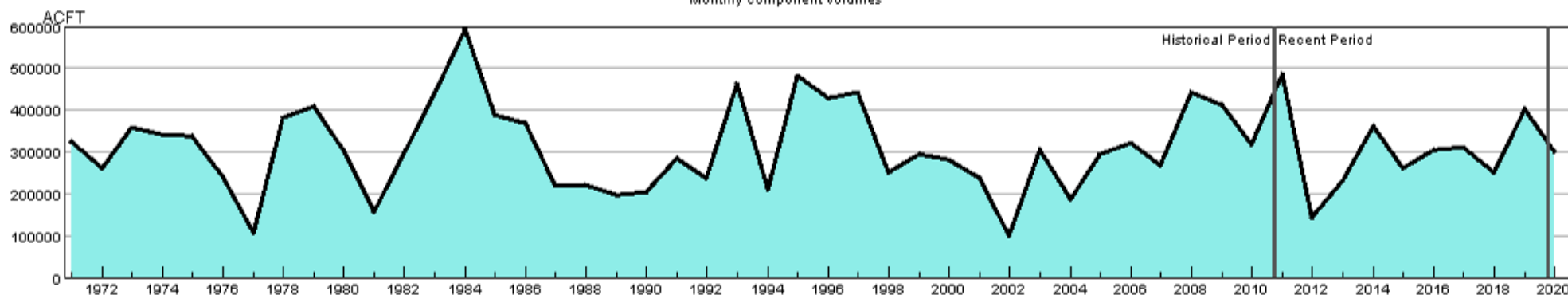
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

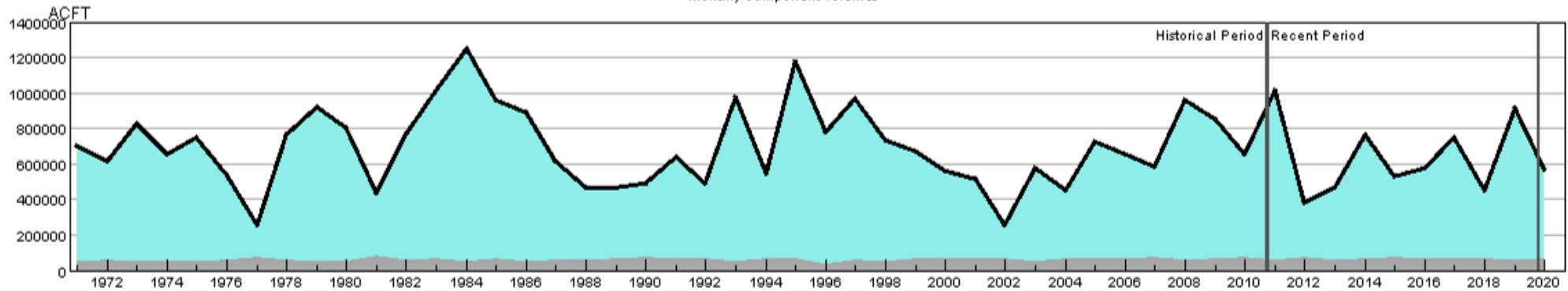
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

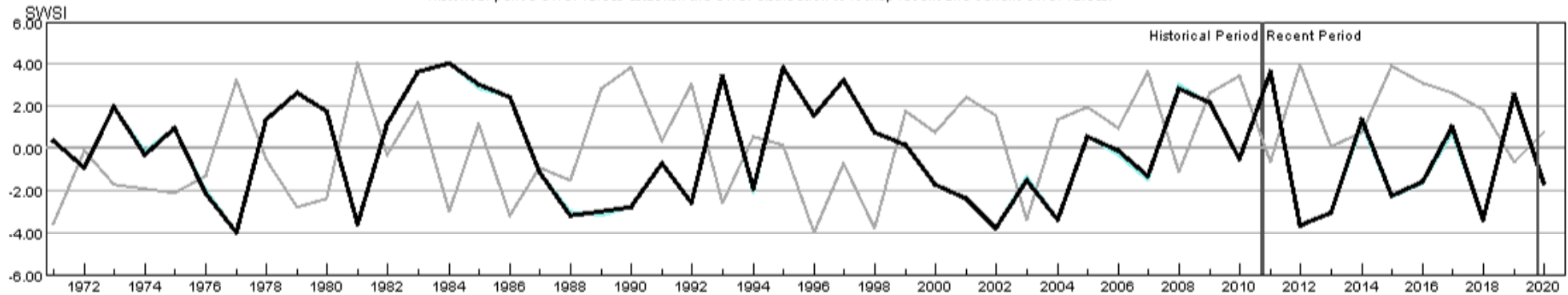
Monthly component volumes



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

## HUC 14010004 (Roaring Fork) SWSI Values - MAY

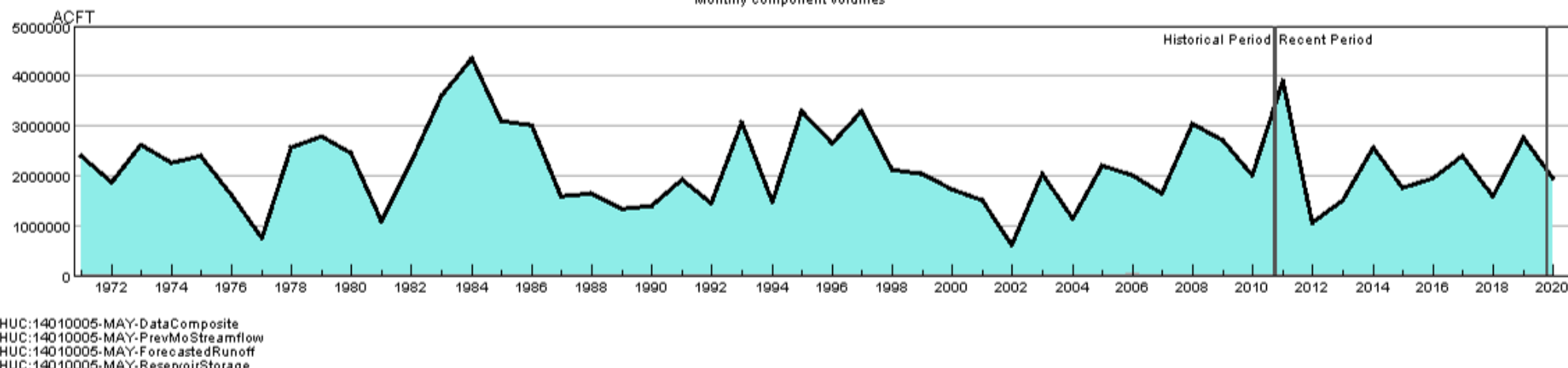
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

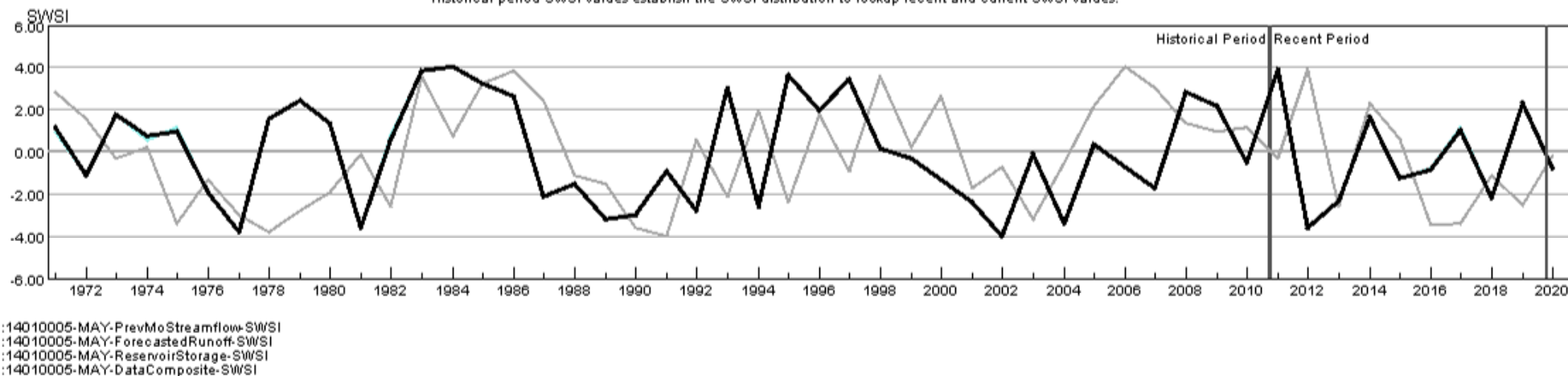
## HUC 14010005 (Colorado Headwaters-Plateau) Surface Water Supply - MAY

Monthly component volumes



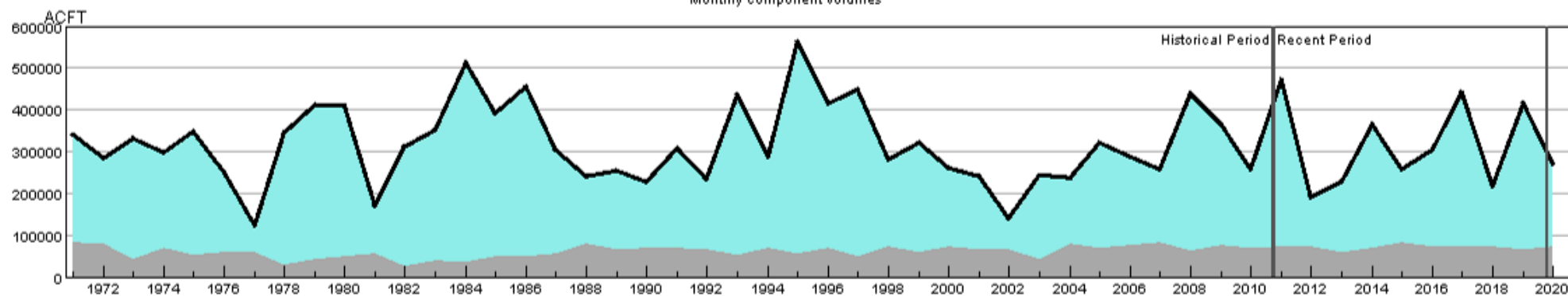
## HUC 14010005 (Colorado Headwaters-Plateau) SWSI Values - MAY

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



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

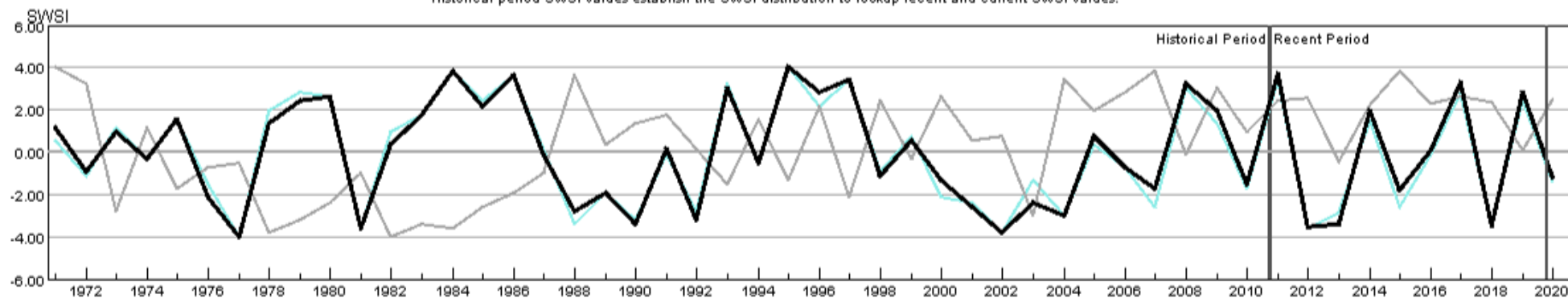
Monthly component volumes



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

## HUC 14020001 (East-Taylor) SWSI Values - MAY

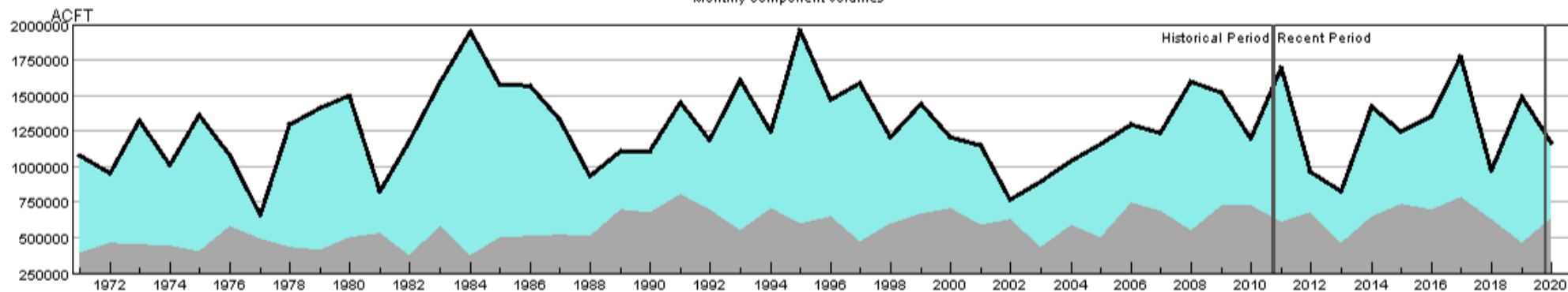
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

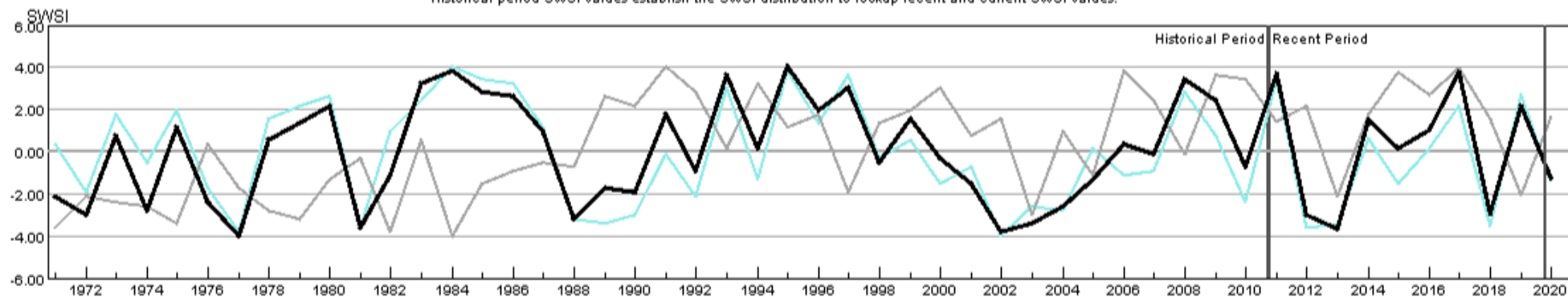
Monthly component volumes



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

## HUC 14020002 (Upper Gunnison) SWSI Values - MAY

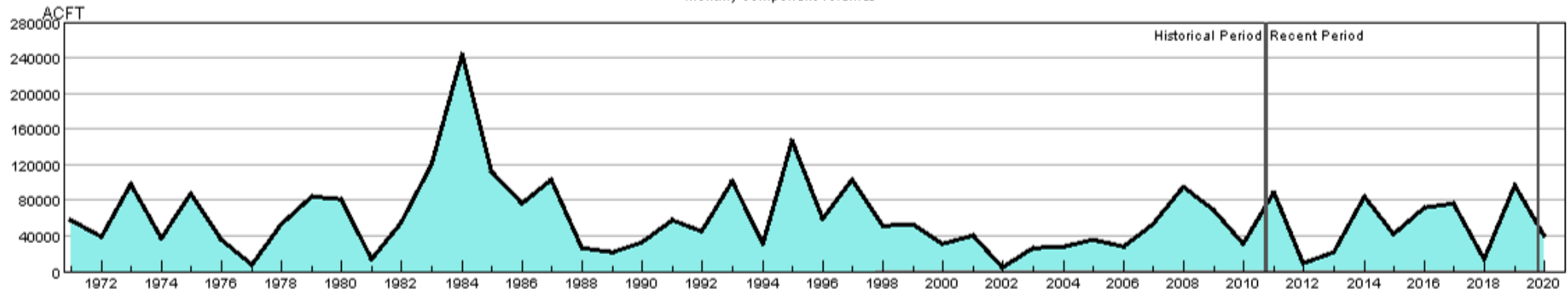
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

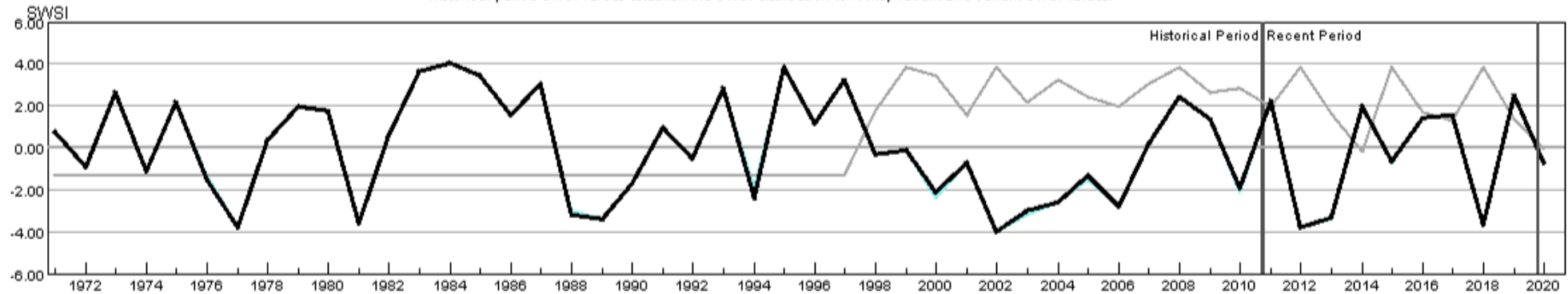
Monthly component volumes



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

## HUC 14020003 (Tomichi) SWSI Values - MAY

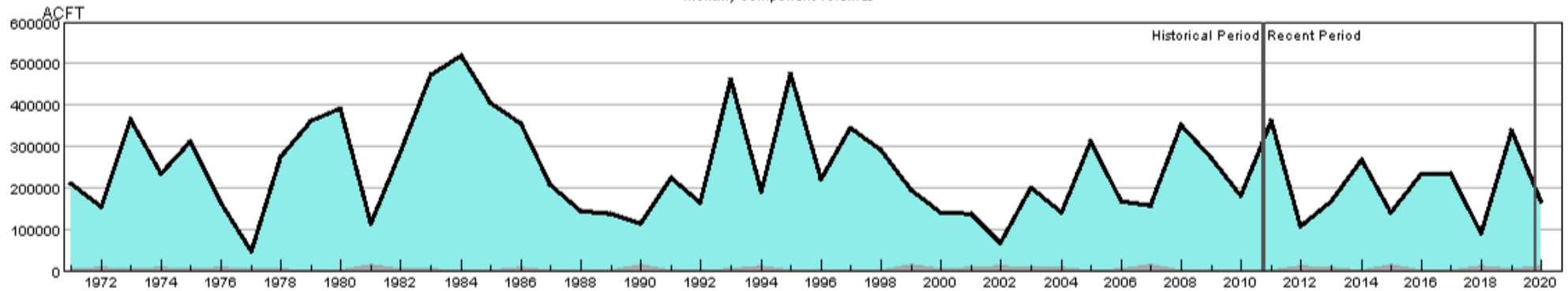
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

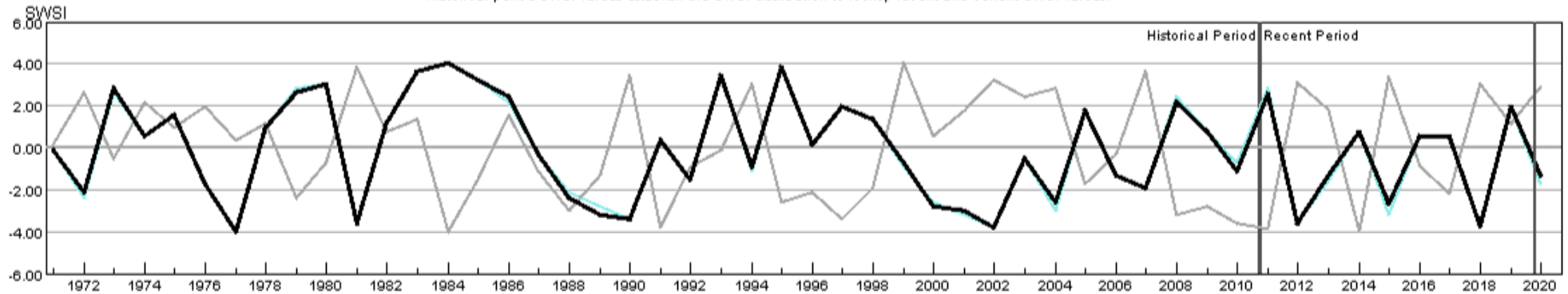
Monthly component volumes



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

## HUC 14020004 (North Fork Gunnison) SWSI Values - MAY

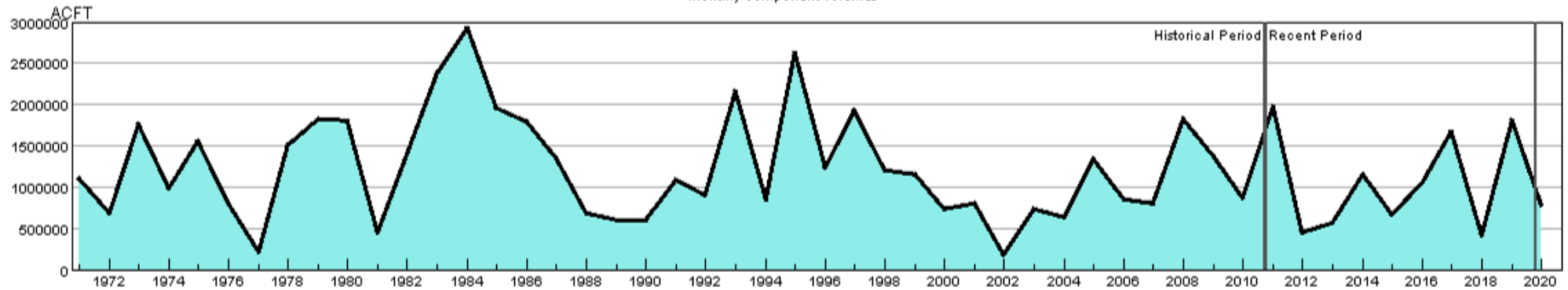
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

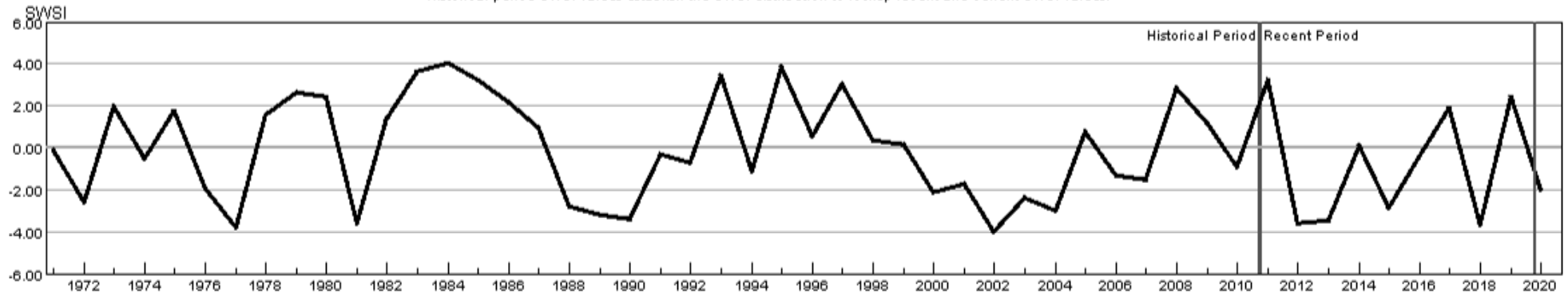
Monthly component volumes



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

## HUC 14020005 (Lower Gunnison) SWSI Values - MAY

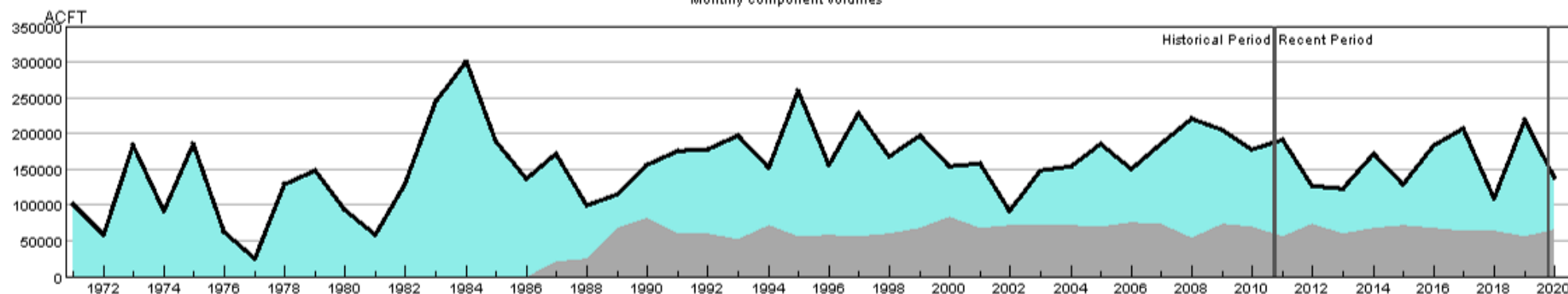
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

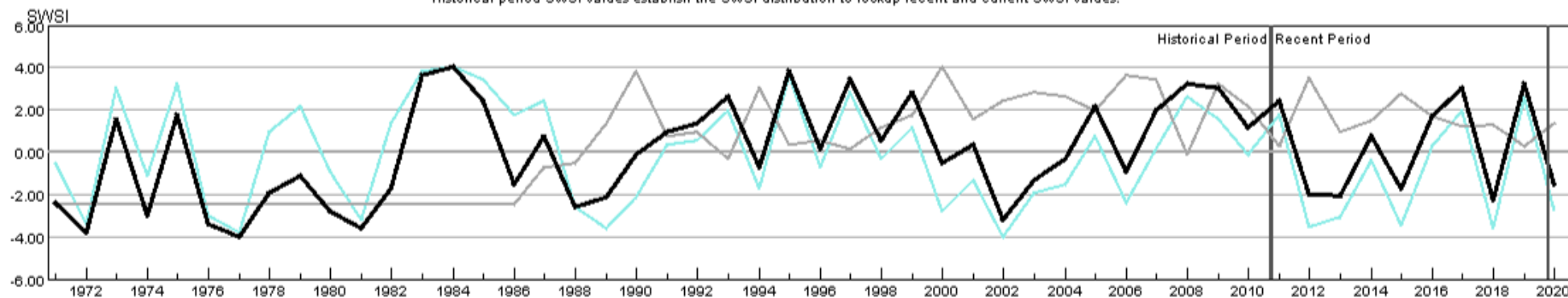
Monthly component volumes



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

## HUC 14020006 (Uncompahgre) SWSI Values - MAY

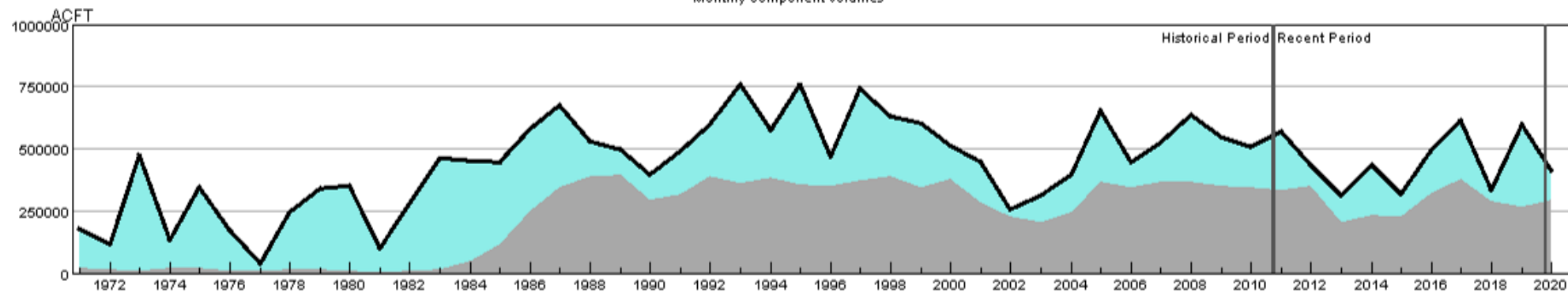
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

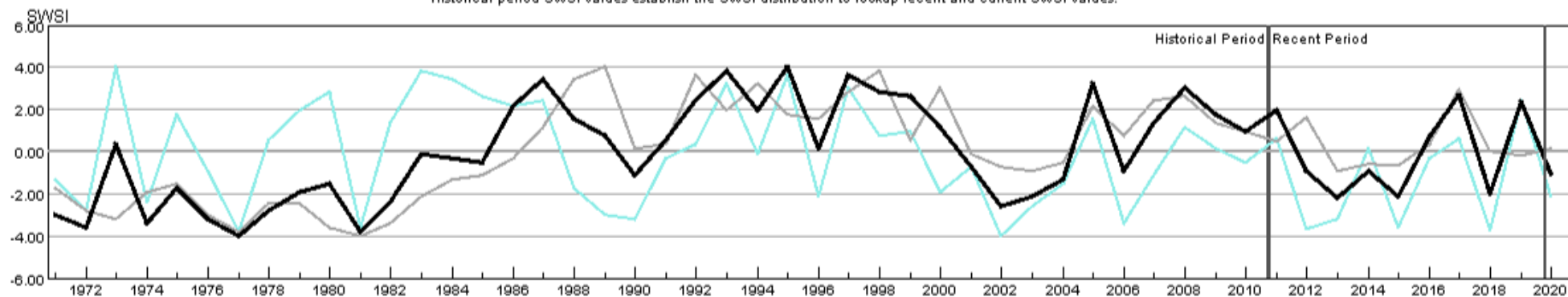
Monthly component volumes



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

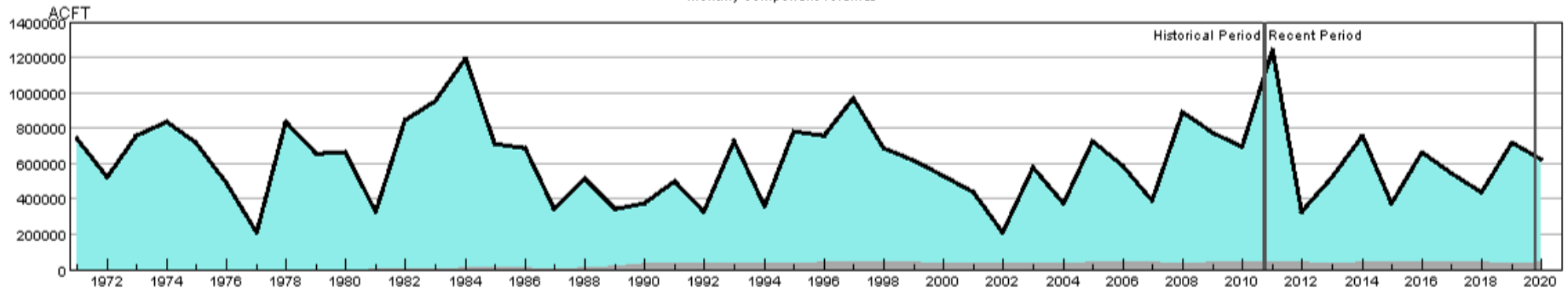
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

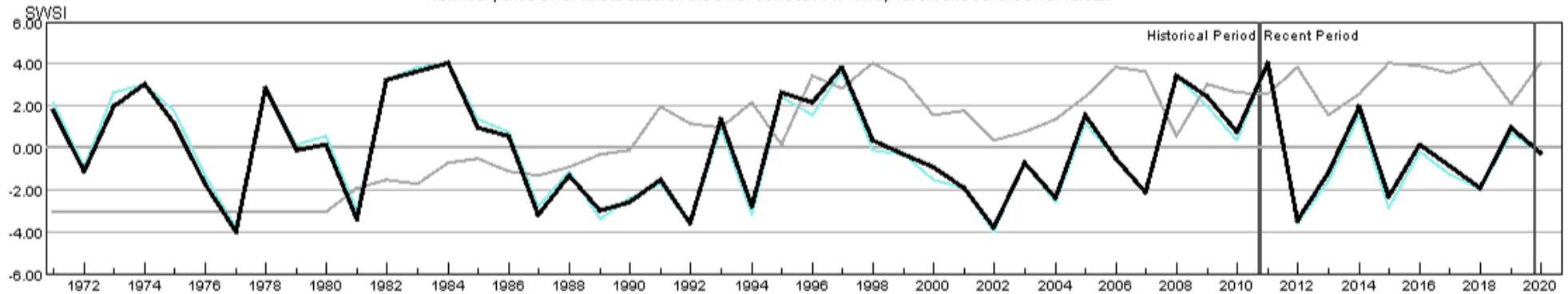
Monthly component volumes



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

## HUC 14050001 (Upper Yampa) SWSI Values - MAY

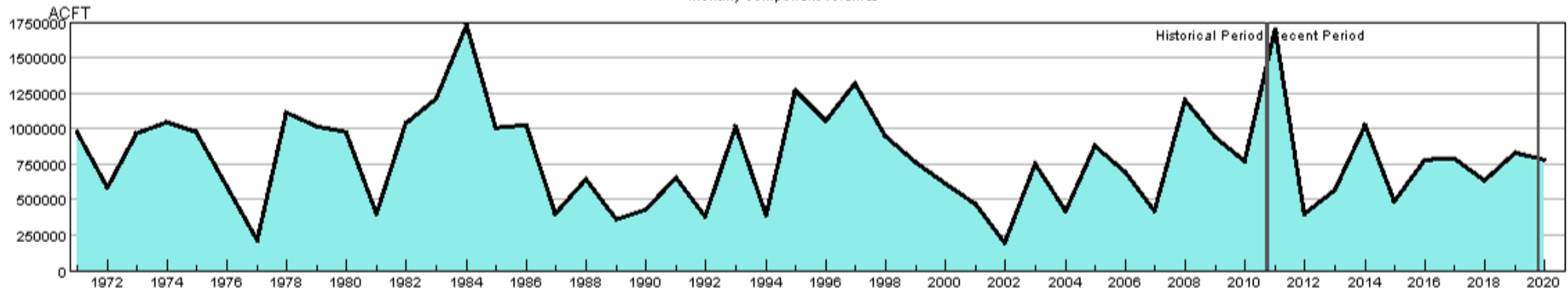
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

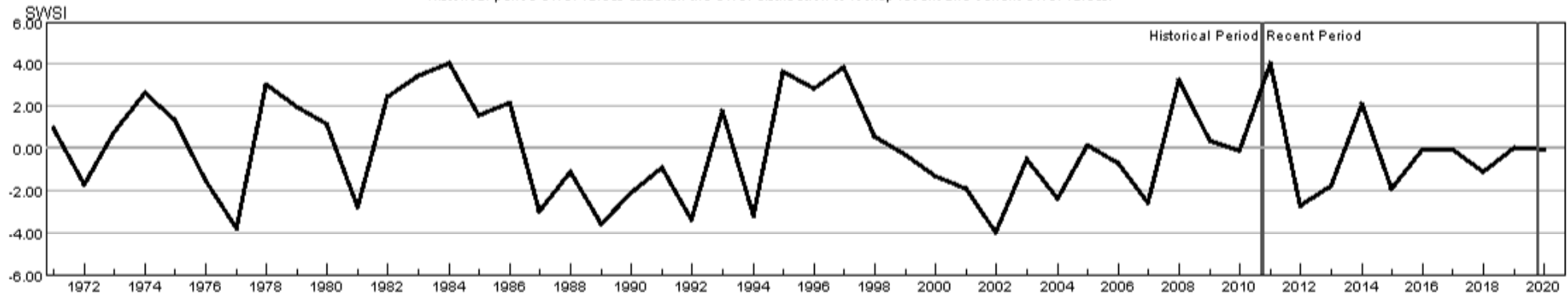
Monthly component volumes



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

## HUC 14050002 (Lower Yampa) SWSI Values - MAY

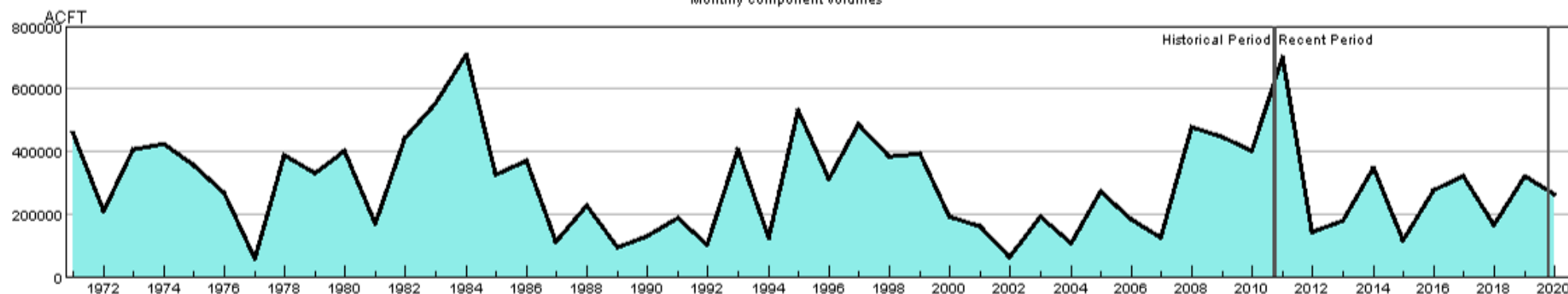
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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



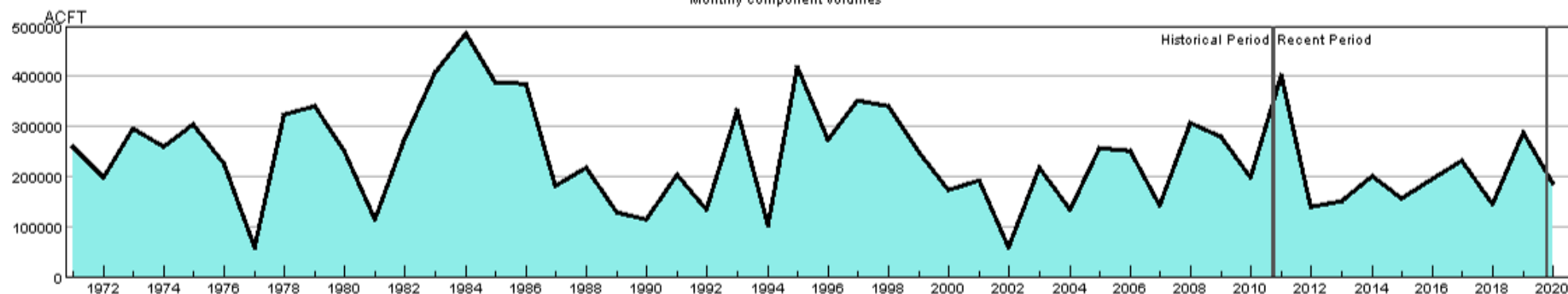
## HUC 14050003 (Little Snake) SWSI Values - MAY

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



## 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

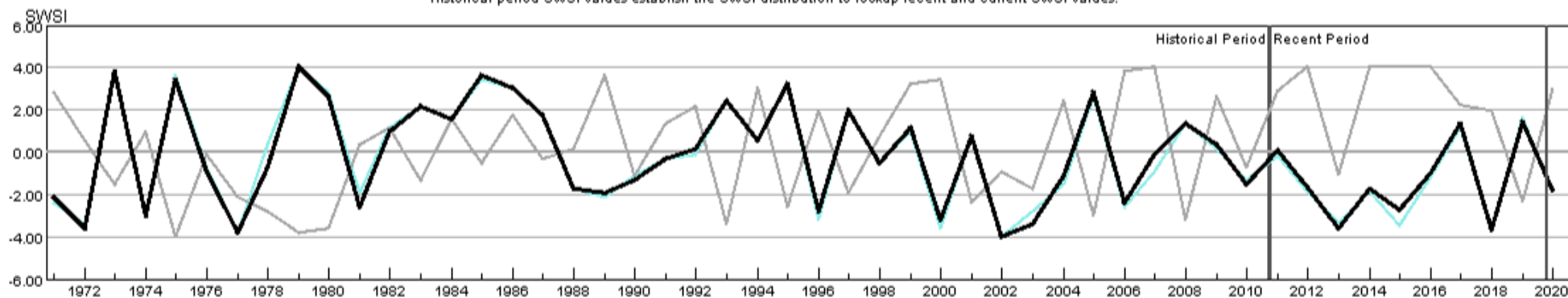
Monthly component volumes



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

## HUC 14080101 (Upper San Juan) SWSI Values - MAY

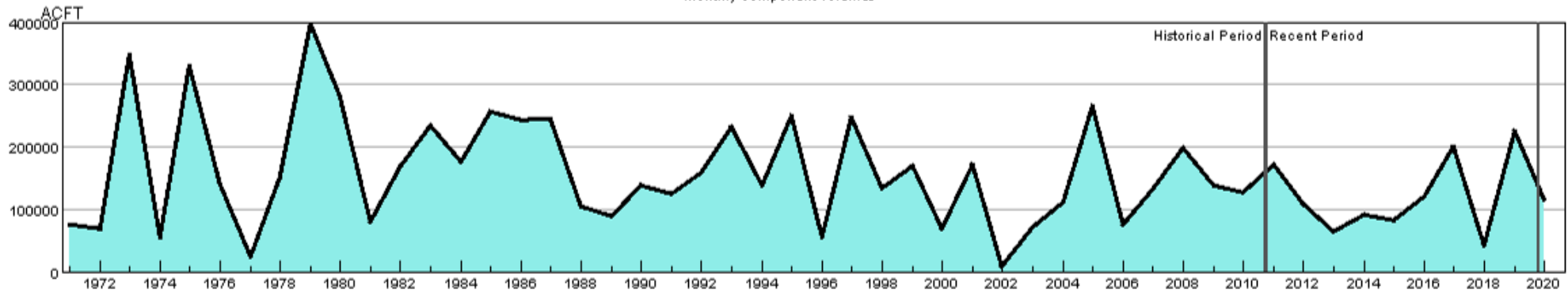
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

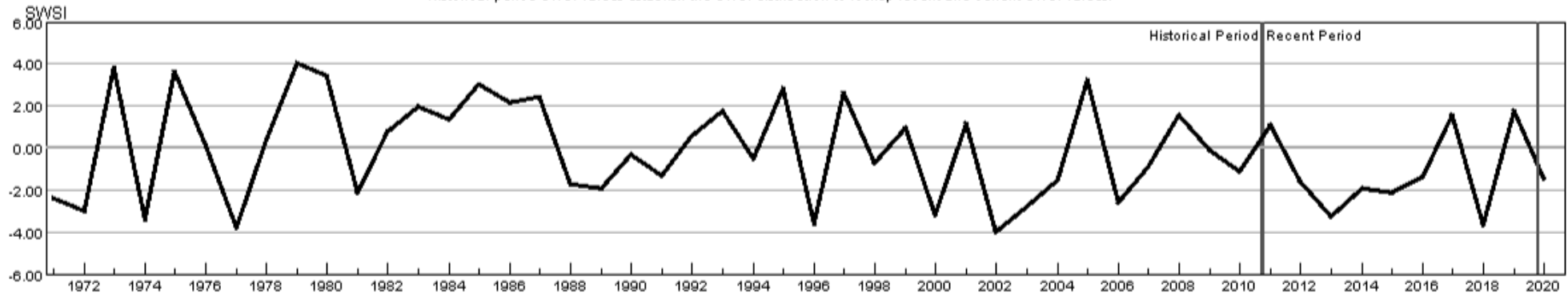
Monthly component volumes



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

## HUC 14080102 (Piedra) SWSI Values - MAY

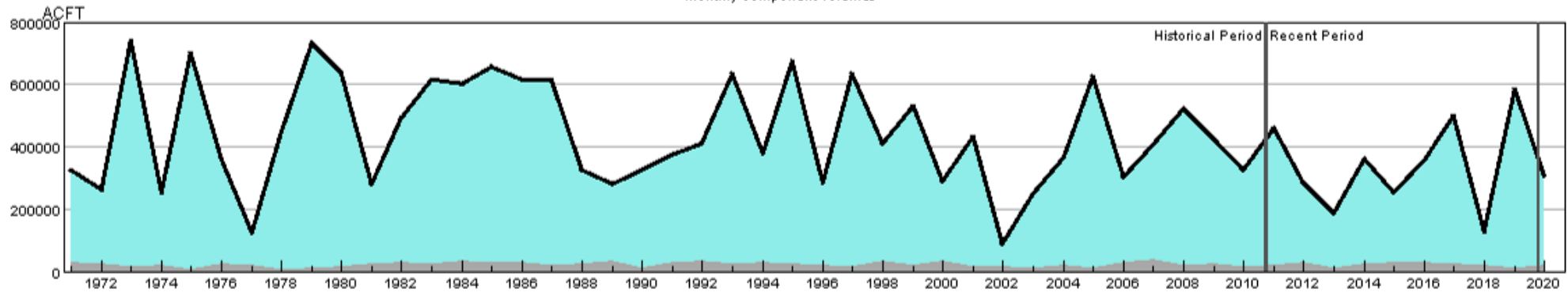
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

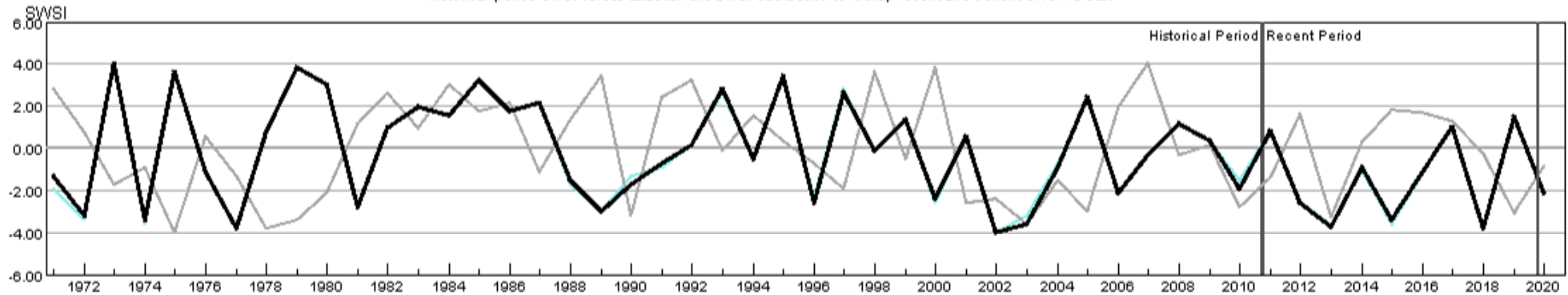
Monthly component volumes



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

## HUC 14080104 (Animas) SWSI Values - MAY

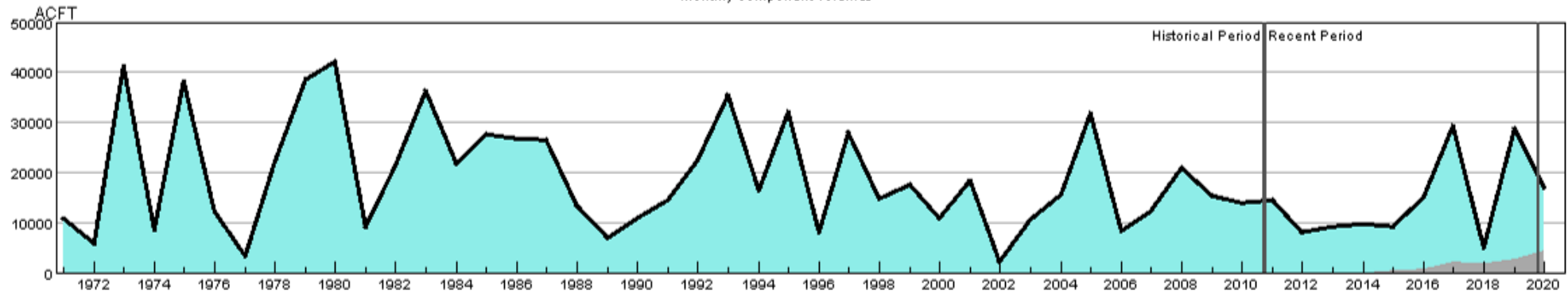
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

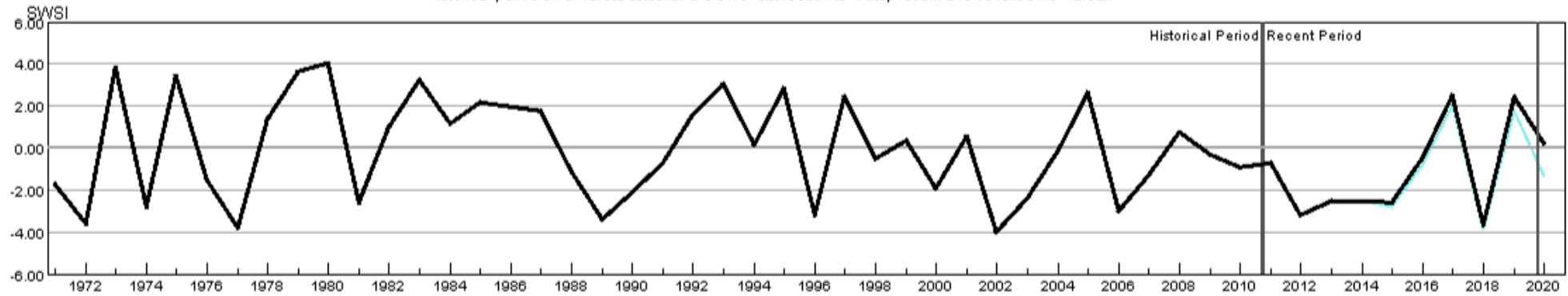
Monthly component volumes



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