

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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January 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.

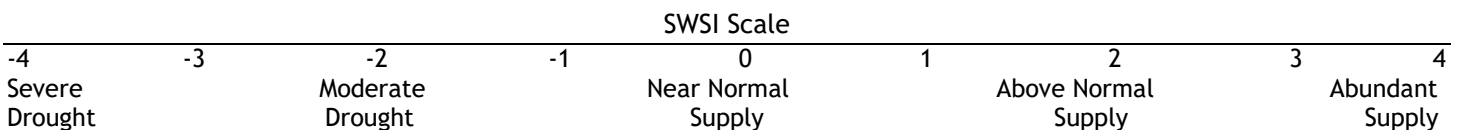
Time Period	SWSI Components
January 1 - June 1	Forecasted Runoff + Reservoir Storage
July 1 - September 1	Previous Month's Streamflow + Reservoir Storage
October 1 - December 1	Reservoir Storage

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.

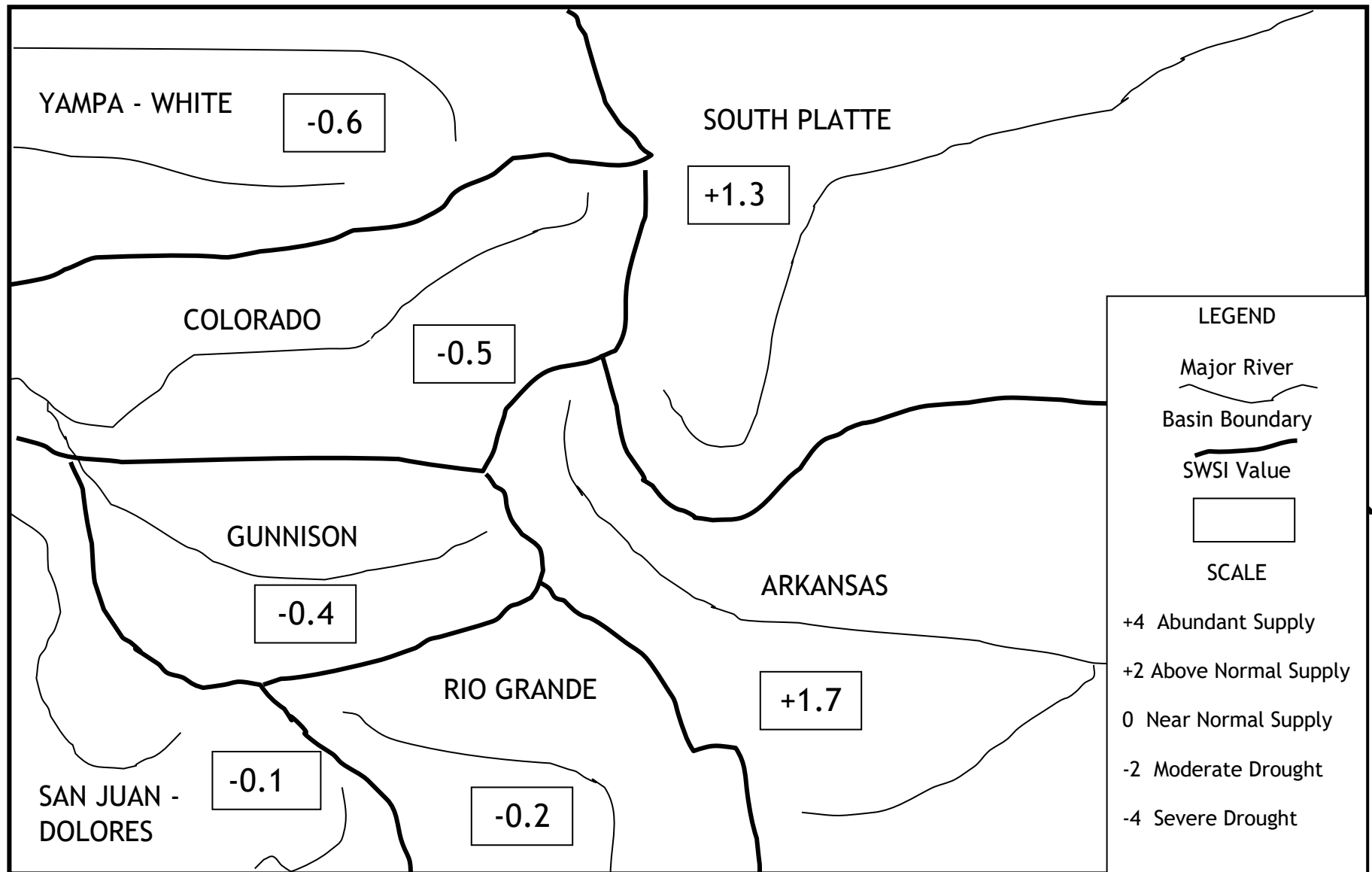
The SWSI calculation for the winter/spring season (January 1 to June 1) is based on reservoir storage at the end of last month, in this case December 31, plus the forecasted streamflow runoff volume for the runoff season (April through September in most basins). The following SWSI values were computed for each of the seven major basins for January 1, 2020. Water supply conditions are slightly below normal in all but the South Platte and Arkansas River basins. Storage varies statewide, from above average to below average, and snowpack is average, resulting in streamflow forecasts that are normal to below normal in every basin.

Basin	January 1 SWSI	Change from Previous Month	Change from Previous Year
Arkansas	1.7	-0.3	-0.3
Colorado	-0.5	-2.0	-3.1
Gunnison	-0.4	-2.9	-2.5
Rio Grande	-0.2	-2.4	-3.4
San Juan-Dolores	-0.1	-2.4	-2.8
South Platte	1.3	-1.8	0.4
Yampa-White	-0.6	-4.6	-3.1

*Last month's SWSI was based only on reservoir storage volumes, this month is based on forecasted streamflow plus reservoir storage volumes. Therefore, the change from previous month is not a comparison of two "like" indices.



SURFACE WATER SUPPLY INDEX FOR COLORADO BY MAJOR RIVER BASIN



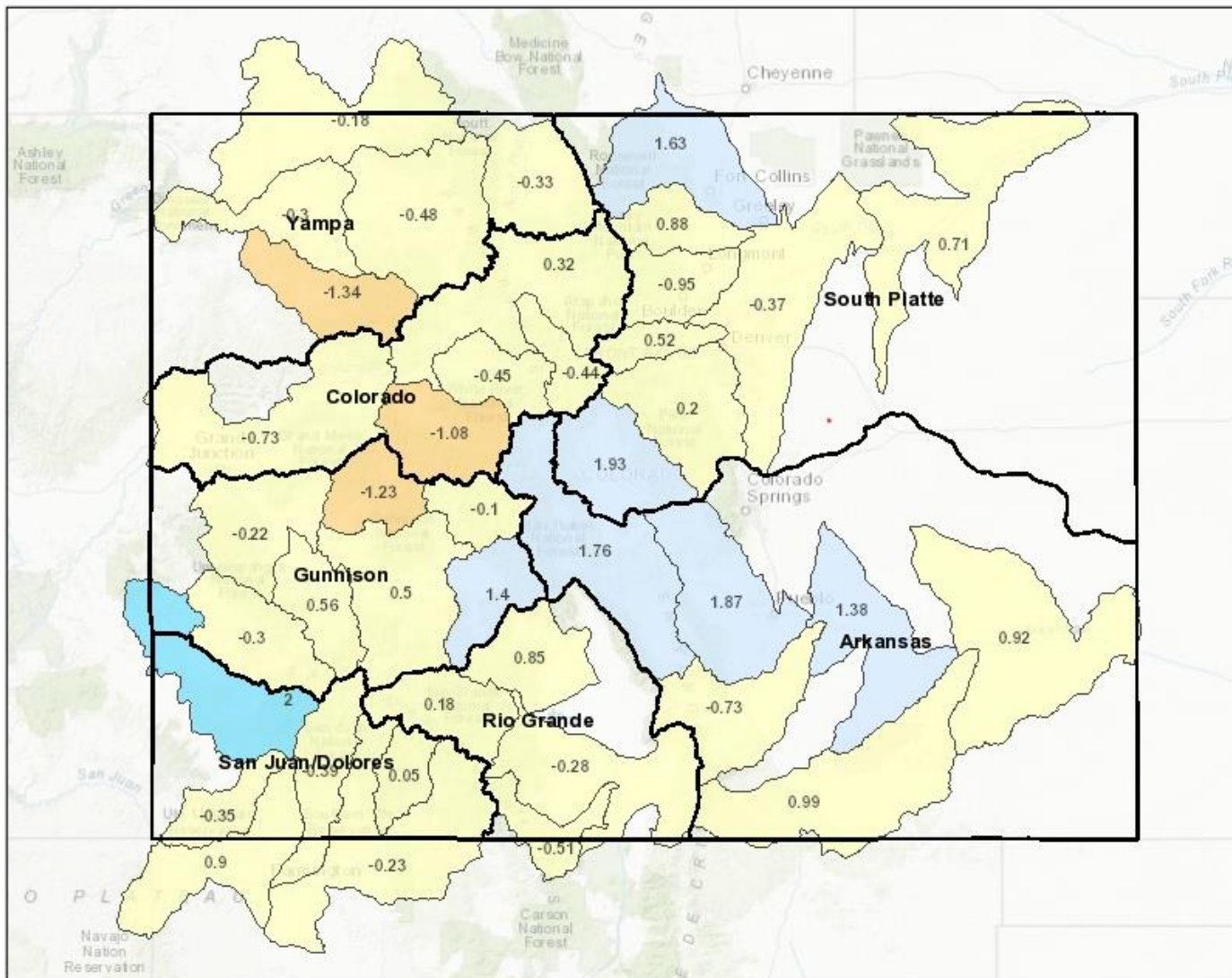
January 1, 2020

SURFACE WATER SUPPLY INDEX FOR COLORADO BY HUC



COLORADO
Division of Water Resources
Department of Natural Resources

January 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

114 0 57 114 Feet

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: 1/16/2020 11:28:58 AM

January 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	-0.74	71	51	22,700
	11020010	Purgatoire	0.99	78	55	68,860
	11020005	Upper Arkansas-Lake Meredith	1.39	99	63	438,906
	11020001	Arkansas Headwaters	1.77	16	62	451,438
	11020009	Upper Arkansas-John Martin Reservoir	0.93	69	64	552,833
	11020002	Upper Arkansas	1.88	75	62	593,000
Colorado	14010003	Eagle	-0.46	85	44	310,000
	14010002	Blue	-0.45	21	50	342,427
	14010004	Roaring Fork	-1.09	N/A	39	680,574
	14010001	Colorado Headwaters	0.33	33	49	1,478,830
	14010005	Colorado Headwaters-Plateau	-0.73	64	41	2,163,797
Gunnison	14020003	Tomichi	1.40	77	67	83,340
	14030003	San Miguel	-0.31	53	46	115,000
	14020006	Uncompahgre	0.57	66	46	185,484
	14020004	North Fork Gunnison	-1.23	43	35	217,332
	14020001	East-Taylor	-0.11	N/A	49	330,354
	14020005	Lower Gunnison	-0.22	54	47	1,250,000
	14020002	Upper Gunnison	0.51	N/A	52	1,463,837
Rio Grande	13010004	Saguache	0.85	85	60	35,000
	13010002	Alamosa-Trinchera	-0.29	80	43	129,904
	13010005	Conejos	-0.52	N/A	44	188,601
	13010001	Rio Grande Headwaters	0.18	49	49	525,455
San Juan-Dolores	14080105	Middle San Juan	0.91	75	55	25,769
	14080107	Mancos	-0.35	87	49	29,729
	14080102	Piedra	0.05	N/A	51	195,000
	14080104	Animas	-0.39	32	47	437,639
	14030002	Upper Dolores	2.00	50	52	569,813
	14080101	Upper San Juan	-0.23	32	44	590,434
South Platte	10190004	Clear	0.52	88	56	103,000
	10190001	South Platte Headwater	1.94	44	54	208,200
	10190005	St. Vrain	-0.95	33	51	216,322
	10190007	Cache La Poudre	1.64	N/A	43	404,947
	10190002	Upper South Platte	0.21	13	62	455,672
	10190006	Big Thompson	0.88	69	48	585,255
	10190003	Middle South Platte-Cherry Creek	-0.38	99	48	835,600
	10190012	Middle South Platte-Sterling	0.71	96	48	942,300
Yampa-White	10180001	North Platte Headwaters	-0.33	N/A	46	205,000
	14050005	Upper White	-1.35	99	34	230,000
	14050003	Little Snake	-0.19	N/A	48	350,000
	14050001	Upper Yampa	-0.48	N/A	44	709,919
	14050002	Lower Yampa	-0.30	N/A	46	900,000

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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January 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	7,219	62
		HOMESTAKE RESERVOIR	41,167	74
		TWIN LAKES RESERVOIR	45,819	61
		TURQUOISE LAKE	97,233	65
		ARKANSAS RIVER AT SALIDA	260,000	62
11020006	Huerfano	CUCHARAS RESERVOIR*	0	16
		CUCHARAS RIVER AT BOYD RANCH NR LA VETA	11,200	54
		HUERFANO RIVER NEAR REDWING	11,500	45
11020010	Purgatoire	TRINIDAD LAKE	21,860	75
		PURGATOIRE RIVER AT TRINIDAD	47,000	55
11020002	Upper Arkansas	PUEBLO RESERVOIR	223,000	78
		PUEBLO RESERVOIR INFLOW	370,000	62
11020009	Upper Arkansas-John Martin Reservoir	CUCHARAS RIVER AT BOYD RANCH NR LA VETA	11,200	54
		HUERFANO RIVER NEAR REDWING	11,500	45
		ADOBE CREEK RESERVOIR	23,049	57
		PURGATOIRE RIVER AT TRINIDAD	47,000	55
		JOHN MARTIN RESERVOIR	90,084	71
		PUEBLO RESERVOIR INFLOW	370,000	62
11020005	Upper Arkansas-Lake Meredith	LAKE HENRY	4,091	48
		CUCHARAS RIVER AT BOYD RANCH NR LA VETA	11,200	54
		HUERFANO RIVER NEAR REDWING	11,500	45
		MEREDITH RESERVOIR	42,115	99
		PUEBLO RESERVOIR INFLOW	370,000	62
14010002	Blue	GREEN MOUNTAIN RESERVOIR	67,427	21
		BLUE RIVER INFLOW TO GREEN MOUNTAIN RES	275,000	50
14010001	Colorado Headwaters	WOLFORD MOUNTAIN RESERVOIR	51,230	89
		WILLIAMS FORK RESERVOIR	77,600	83
		COLORADO RIVER NEAR DOTSERO	1,350,000	49
14010005	Colorado Headwaters-Plateau	VEGA RESERVOIR	13,797	64
		COLORADO RIVER NEAR CAMEO	2,150,000	41
14010003	Eagle	EAGLE RIVER BELOW GYPSUM	310,000	44
14010004	Roaring Fork	RUEDI RESERVOIR	75,574	33
		ROARING FORK AT GLENWOOD SPRINGS	605,000	39
14020001	East-Taylor	TAYLOR PARK RESERVOIR	75,354	77
		TAYLOR R INF TO TAYLOR PARK RESERVOIR	91,000	51
		EAST RIVER AT ALMONT	164,000	44
14020005	Lower Gunnison	GUNNISON RIVER NR GRAND JUNCTION	1,250,000	47
14020004	North Fork Gunnison	PAONIA RESERVOIR	2,332	43
		NORTH FORK GUNNISON R NR SOMERSET	215,000	35
14030003	San Miguel	SAN MIGUEL RIVER NEAR PLACERVILLE	115,000	46
14020003	Tomichi	VOUGA RESERVOIR NEAR DOYLEVILLE	340	66
		TOMICHI CREEK AT GUNNISON, CO	83,000	67

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
14020006	Uncompahgre	RIDGEWAY RESERVOIR	64,484	54
		UNCOMPAHGRE RIVER AT COLONA	121,000	46
14020002	Upper Gunnison	SILVER JACK RESERVOIR	784	2
		FRUITLAND RESERVOIR	960	58
		CRAWFORD RESERVOIR	6,172	38
		MORROW POINT RESERVOIR	108,416	8
		LAKE FORK AT GATEVIEW, CO	125,000	54
		BLUE MESA RESERVOIR	587,505	74
		GUNNISON R INF TO BLUE MESA RESERVOIR	635,000	52
13010002	Alamosa-Trinchera	MOUNTAIN HOME	4,592	84
		TERRACE RESERVOIR	7,112	75
		TRINCHERA CK	11,700	51
		UTE CREEK	12,800	56
		SANGRE DE CRISTO	14,700	51
		CULEBRA CREEK AT SAN LUIS	21,000	54
		ALAMOSA CREEK ABOVE TERRACE RESERVOIR	58,000	39
13010005	Conejos	PLATORO RESERVOIR	18,601	49
		CONEJOS RIVER NEAR MOGOTE	170,000	44
13010001	Rio Grande Headwaters	RIO GRANDE RESERVOIR**	3,973	13
		CONTINENTAL RESERVOIR	14,976	99
		SANTA MARIA RESERVOIR	21,506	91
		RIO GRANDE NEAR DEL NORTE	485,000	49
13010004	Saguache	SAGUACHE CREEK NEAR SAGUACHE, CO	35,000	60
14080104	Animas	LEMON RESERVOIR	17,639	32
		FLORIDA RIVER INFLOW TO LEMON RESERVOIR	50,000	55
		ANIMAS RIVER AT DURANGO	370,000	46
14080107	Mancos	JACKSON GULCH RESERVOIR	3,729	32
		MANCOS RIVER NEAR MANCOS	26,000	49
14080105	Middle San Juan	LONG HOLLOW RESERVOIR	3,769	50
		LA PLATA RIVER AT HESPERUS	22,000	55
14080102	Piedra	PIEDRA RIVER NEAR ARBOLES	195,000	51
14030002	Upper Dolores	GROUNDHOG RESERVOIR	16,000	80
		DOLORES RIVER BELOW MCPHEE RESERVOIR	265,000	52
		MCPHEE RESERVOIR	288,813	75
14080101	Upper San Juan	VALLECITO RESERVOIR	75,434	87
		LOS PINOS RIVER NEAR BAYFIELD	180,000	52
		SAN JUAN RIVER NEAR CARRACAS	335,000	40
10190006	Big Thompson	MARIANO RESERVOIR	200	3
		LAKE LOVELAND RESERVOIR	2,800	8
		LONE TREE RESERVOIR	5,500	49
		WILLOW CREEK RESERVOIR	6,642	83
		BOYD LAKE	34,300	62
		CARTER LAKE	68,543	34
		BIG THOMPSON R AT MOUTH, NR DRAKE, CO	86,000	48
		LAKE GRANBY	381,270	72

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
10190007	Cache La Poudre	BLACK HOLLOW RESERVOIR	3,800	98
		HALLIGAN RESERVOIR	4,400	72
		CHAMBERS LAKE	4,700	79
		CACHE LA POUDRE	6,300	59
		FOSSIL CREEK RESERVOIR	9,300	91
		WINDSOR RESERVOIR	10,100	42
		COBB LAKE	18,200	74
		HORSETOOTH RESERVOIR	133,147	98
		CACHE LA POUDRE R AT CANYON MOUTH	215,000	43
10190004	Clear Creek	CLEAR CREEK AT GOLDEN	103,000	56
10190003	Middle South Platte- Cherry Creek	HORSECREEK RESERVOIR	0	1
		MILTON RESERVOIR	18,200	95
		BARR LAKE	21,200	29
		SOUTH BOULDER CK NR ELDORADO SPRINGS, CO	39,000	59
		STANDLEY RESERVOIR	39,200	87
		BOULDER CREEK NEAR ORODELL	55,000	50
		SAINT VRAIN CREEK AT LYONS	86,000	48
		BIG THOMPSON R AT MOUTH, NR DRAKE, CO	86,000	48
		CLEAR CREEK AT GOLDEN	103,000	56
		SOUTH PLATTE RIVER AT SOUTH PLATTE	173,000	62
		CACHE LA POUDRE R AT CANYON MOUTH	215,000	43
10190012	Middle South Platte- Sterling	JULESBURG RESERVOIR	17,100	44
		EMPIRE RESERVOIR	18,200	46
		PREWITT RESERVOIR	20,800	80
		JACKSON LAKE RESERVOIR	23,100	55
		SOUTH BOULDER CK NR ELDORADO SPRINGS, CO	39,000	59
		RIVERSIDE RESERVOIR	44,200	87
		BOULDER CREEK NEAR ORODELL	55,000	50
		POINT OF ROCKS RESERVOIR	61,900	84
		SAINT VRAIN CREEK AT LYONS	86,000	48
		BIG THOMPSON R AT MOUTH, NR DRAKE, CO	86,000	48
		CLEAR CREEK AT GOLDEN	103,000	56
		SOUTH PLATTE RIVER AT SOUTH PLATTE	173,000	62
		CACHE LA POUDRE R AT CANYON MOUTH	215,000	43
10190001	South Platte Headwater	ANTERO RESERVOIR	20,100	91
		SPINNEY MOUNTAIN RESERVOIR	38,600	87
		ELEVENMILE CANYON RESV INFLOW	50,000	54
		ELEVENMILE CANYON RESERVOIR	99,500	68
10190005	St. Vrain	GROSS RESERVOIR	2,363	1
		TERRY RESERVOIR	5,200	52
		MARSHALL RESERVOIR	5,400	54
		UNION RESERVOIR	8,459	19
		BUTTONROCK (RALPH PRICE) RESERVOIR	14,900	76
		SOUTH BOULDER CK NR ELDORADO SPRINGS, CO	39,000	59
		BOULDER CREEK NEAR ORODELL	55,000	50
		SAINT VRAIN CREEK AT LYONS	86,000	48

HUC ID	HUC Name	Component Name	Component Volume (AF)	Component NEP for Month
10190002	Upper South Platte	CHEESMAN LAKE	60,672	45
		SOUTH PLATTE RIVER AT SOUTH PLATTE	173,000	62
		DILLON RESERVOIR	222,000	40
14050003	Little Snake	LITTLE SNAKE RIVER NEAR LILY	350,000	48
14050002	Lower Yampa	YAMPA RIVER NEAR MAYBELL	900,000	46
10180001	North Platte Headwaters	NORTH PLATTE R NR NORTHGATE	205,000	46
14050005	Upper White	WHITE RIVER NEAR MEEKER	230,000	34
14050001	Upper Yampa	YAMCOLO RESERVOIR	7,719	84
		STAGECOACH RESERVOIR NR OAK CREEK	35,200	99
		ELKHEAD CREEK ABOVE LONG GULCH	72,000	48
		YAMPA RIVER AT STEAMBOAT SPRINGS	245,000	42
		ELK RIVER NEAR MILNER, CO	350,000	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

**Drained for repairs

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 +1.3.

The month of December ended with the mountains and foothills experiencing slightly above average temperatures throughout northeastern Colorado, with the foothills and plains slightly below average to average temperatures throughout the South Platte River Basin. The NRCS National Water and Climate Center report indicates that precipitation throughout the South Platte River Basin was 103% of the average for the month of December. Higher mountain SNOTEL Sites (foothills and mountainous areas) experiencing snowpack for the basin 123% of average for December, with the January 1 snowpack at 111% of average. Reservoirs continue to divert to storage during the month of December with demands down and overall South Platte Basin Reservoirs at above average storage levels for the month of December.

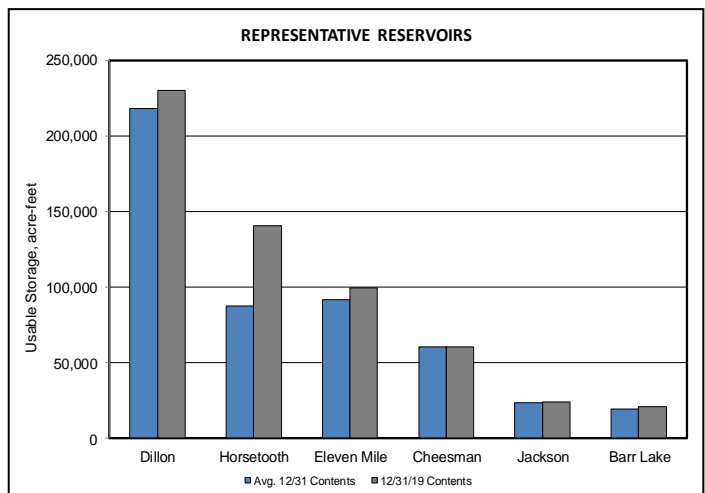
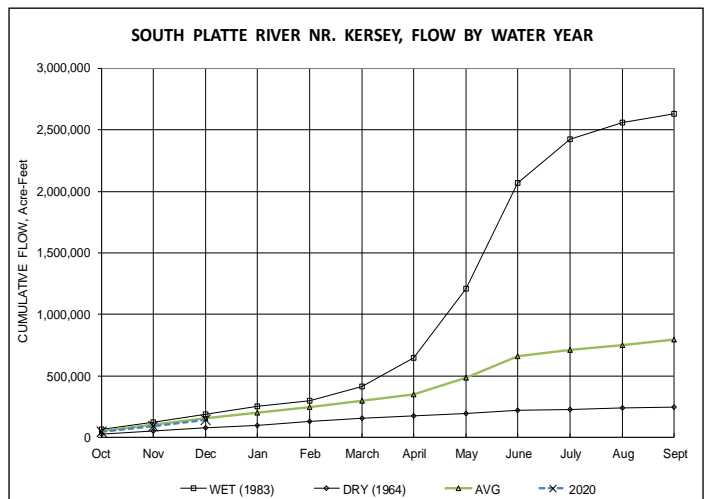
The drought conditions in northeastern Colorado improved from November through December. At the end of November into the beginning of December the USDA Drought Monitor indicated that portions of Park County, Lincoln County and Teller County remained with a USDA Drought Monitor rating of D0 (Abnormally Dry). The limited dry conditions improved throughout the month of December in northeastern Colorado resulting in only portions of Lincoln and Teller Counties rated as D0 by the Drought Monitor at the end of December.

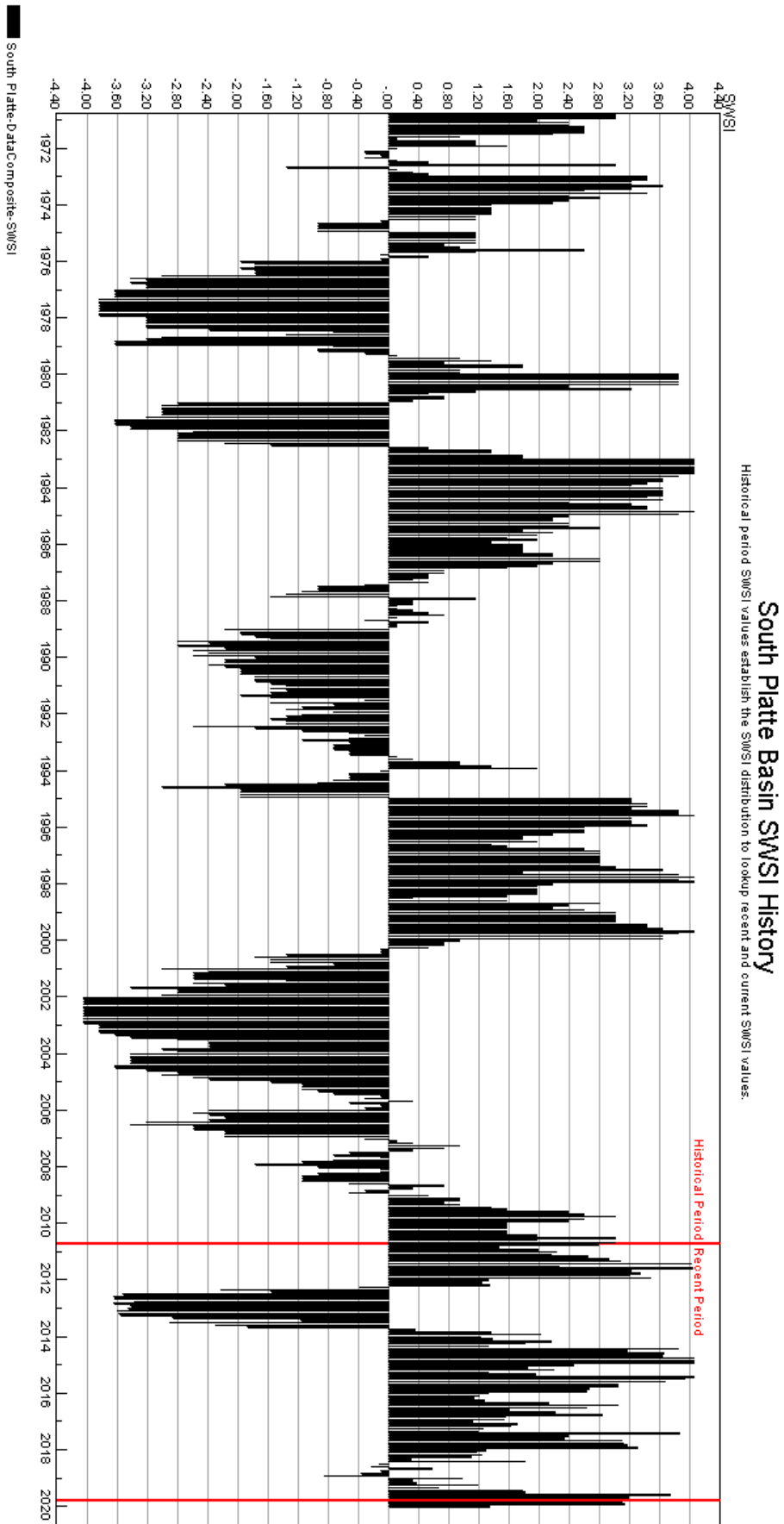
December recorded slightly above average flows throughout the month with average to slightly above average precipitation and temperatures. Overall the month of December recorded slightly above average flows at the Kersey and above average flows at Julesburg stream gaging stations. The flows at the Kersey gage downstream of the City of Greeley, experienced average daily flows for the month of December of approximately 810 cfs, 116% of the historic mean value of 695 cfs. The daily flows at the Julesburg gage, located near the state line, for the month of December were well above average resulting in average flow of 680 cfs, 163% of the historic mean monthly value of 417 cfs.

December was controlled by a call on the upper end of the river with a 1979 priority at Chatfield Reservoir, with no call below Chatfield Reservoir (free river) during all of December. This call scenario with no call below Chatfield Reservoir to the state line continued through December until a 1910 priority call at the Burlington Ditch Headgate was placed on January 11, 2020. Many of the tributaries had typical senior to less senior priority reservoir calls throughout the month of December. November is the typical start of the winter reservoir fill season.

The filling of Reservoirs in the South Platte River basin continued during the month of December. The slightly above average precipitation for the month of December resulted in fair conditions and supply for diversions to reservoir storage. Reservoir storage levels throughout the South Platte River mainstem ended the month of December above the average at the 6 SWSI Representative Reservoirs at 576,465 acre-feet volume, which is 115% of the long term average of 502,729 acre-feet. Additionally, 32 indexed reservoirs throughout Division 1 basin at 121% of the long term average (1981 - 2010) with a storage volume of 896,805 acre-feet at the end of December, representing approximately 79% of full capacity. This is ahead of the long term average of 65% of full capacity for the end of December storage in the 32 indexed reservoirs throughout Division 1.

The temperature and precipitation outlook into January, February and March 2020 prepared by the National Weather Service, in northeastern Colorado indicates a trend toward slightly above average temperatures and average precipitation in the South Platte River Basin.





Basinwide Conditions Assessment

The SWSI value for the month was +1.7.

Outlook

The Pueblo Winter Water system grand total was 50,489 acre-feet at the end of December representing a large increase over last year's storage to date, which was 17,510 acre-feet. The previous five-year average for this period is 59,421 acre-feet and the 20-year average for this period has been 57,302 acre-feet, indicating slightly below average storage so far this year.

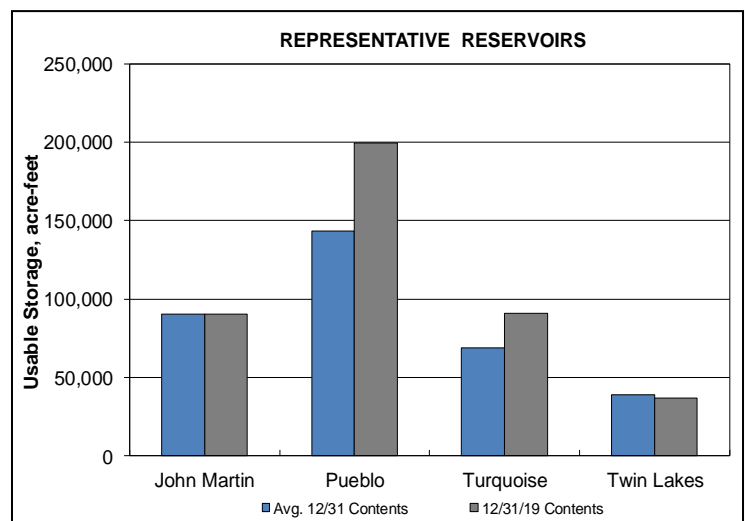
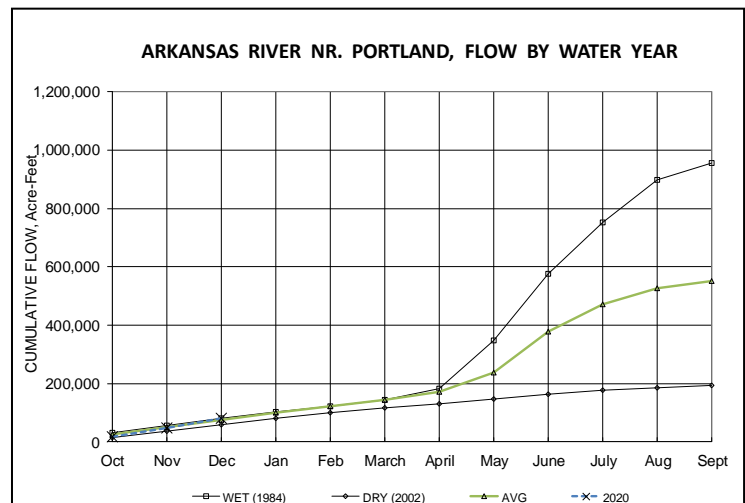
Conservation storage in John Martin Reservoir is about 50% greater than last year's storage at the end of December. Storage since November 1, 2019 has been 13,741 acre-feet while storage a year ago for the same period was 9,112 acre-feet.

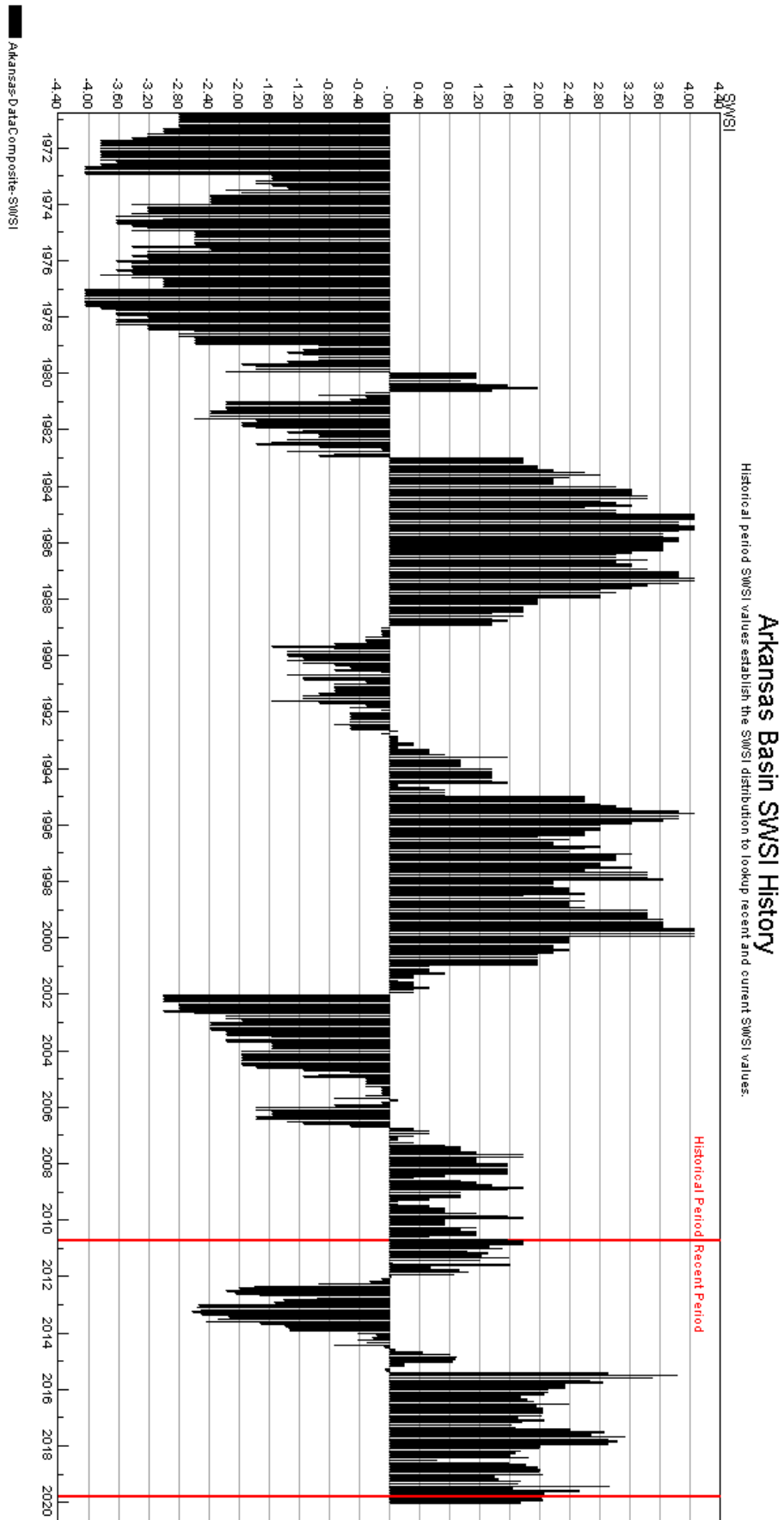
On another positive note, while the current storage program has improved over last year, snowpack for the basin continues to be higher than average at 114% which is only down 7% from same time last year of 121% for the basin.

Administrative Concerns

Delegates from the states of Colorado and Kansas met in La Junta, Colorado on December 4-5, 2019 for the Arkansas River Compact Administration. During the meeting, Kansas Chief Engineer, David Barfield, announced his retirement in February 2020 at the meeting. Colorado and Kansas staff will continue to work together to resolve disputed issues primarily through the efforts of the Special Engineering Committee in 2020. The committee will meet on January 16, 2020 to discuss work being done to support approval of a new Colorado Multipurpose storage account in John Martin Reservoir. The use of such an account would be a significant benefit to both Colorado and Kansas to address issues such as efficient use of augmentation water supplies and water quality issues in the Lower Arkansas Basin. The next meeting will be in February 2020.

Ongoing concerns still relate to the spilling of account water from Pueblo Reservoir and the Division is working with the various water programs to help mitigate that possibility.





Basinwide Conditions Assessment

The SWSI value for the month was -0.2.

Flow at the gaging station Rio Grande near Del Norte averaged 210 cfs (109% of normal) during December. The above average streamflow in the Rio Grande was the result of a release from Rio Grande Reservoir outlet works repair. The Rio Grande 2019 annual volume was 149% of the long-term average. The Conejos River near Mogote had a mean flow of 64 cfs (124% of normal) during the month. The Conejos annual was 135% of the long-term average, only the second annual runoff above the average in the past ten years.

As seen above, runoff in the upper Rio Grande Basin during 2019 was generally excellent! Saguache Creek experienced another good runoff - the fifth in six years and the best since 1987. Very good 2019 runoff was a welcome relief to the Alamosa River and La Jara Creek drainages that had suffered through below normal runoffs since 2010 with the exception of only 2017. The northern Sangre de Cristo creeks had excellent early season runoffs during 2019 while the southern Sangre de Cristo creeks had surprisingly average runoffs.

Alamosa received 0.51 inches of precipitation during December, 0.16 inches above normal. Alamosa's total precipitation of 7.66 inches during 2019 was very near the long term annual average. For the year, the average temperature was slightly below the long term average.

Outlook

Stream flow in the basin should be near average for the next few months. The current Natural Resources Conservation Service (NRCS) current prediction for 2020 runoff to be in the range of 64% (Rio Grande near Lobatos) to 109% (Saguache Creek) of average for key streams in the Upper Rio Grande Basin. Although the current snow pack is better than average, the dry fall of 2019 is lowering runoff expectations.

Recent National Weather Service climate forecasts call for warmer and drier than normal conditions in the San Luis Valley for the remainder of the winter and into the spring.

Administrative/Management Concerns

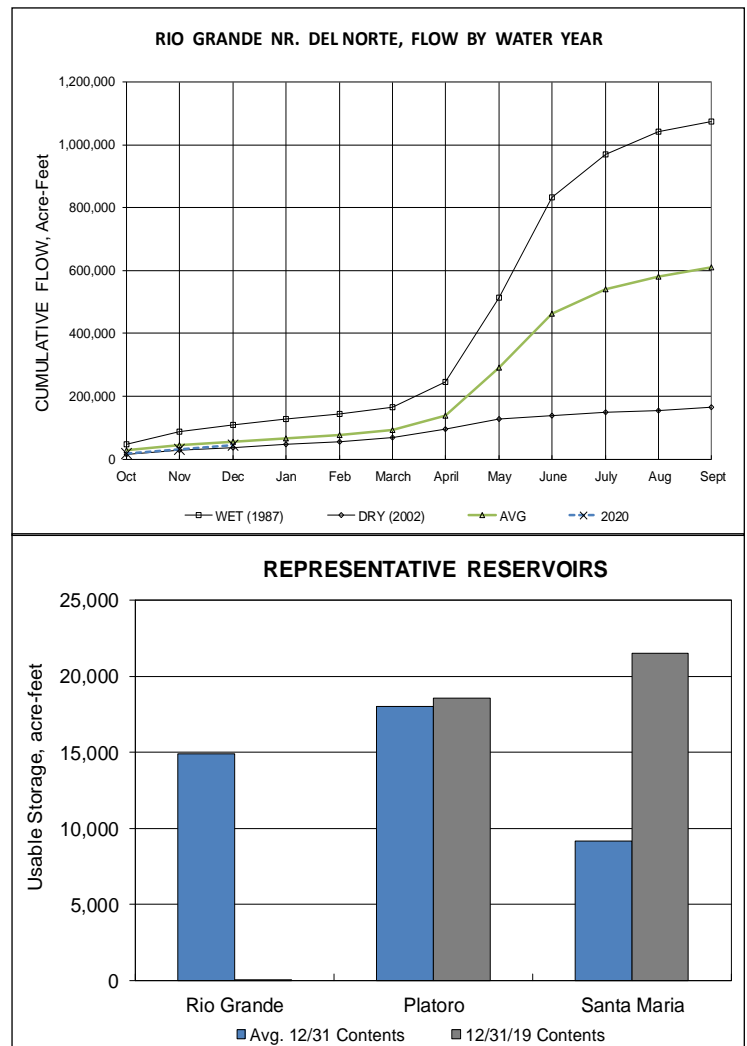
Colorado delivered approximately 560,000 acre-feet to New Mexico and Texas during 2019, which is very close to the delivery requirement pursuant to the provisions of the Rio Grande Compact.

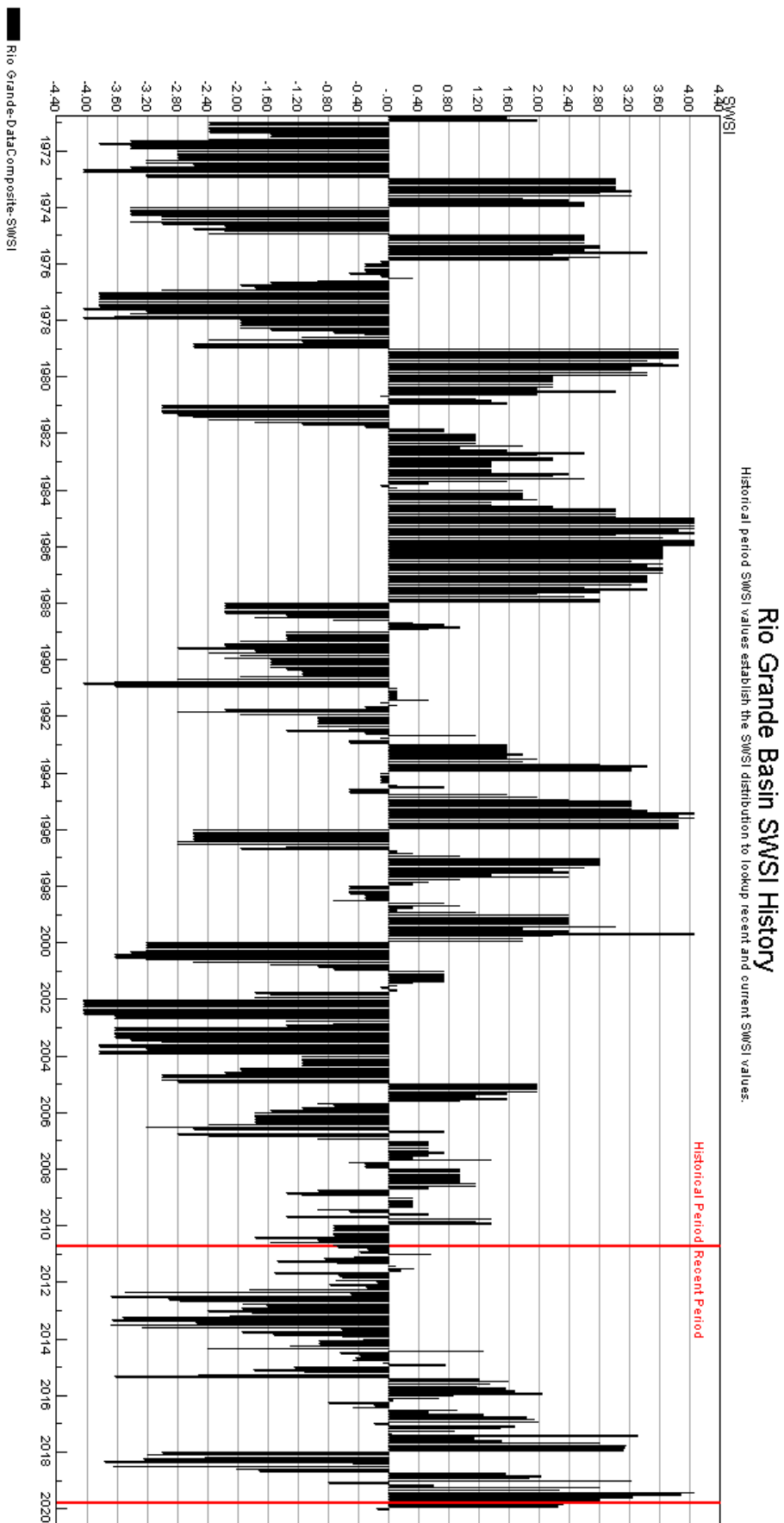
In summary, 2019 saw very good snowpack accumulation in January, February, and March followed by an erratic April, then some serious snowfall during May that boosted the expected runoff substantially. The accumulation of snowpack for 2019 - 2020 is off to a decent start. Reservoir storage is unimpressive, with a basinwide storage total of 86% of average. Aquifer conditions generally improved during 2019.

The final decree in Case No. 15CW3024, the Groundwater Use Rules for Water Division 3, was issued March 15, 2019. Phase-in allowances in that decree require replacement of injurious depletions from non-exempt well use to be in place by March 15, 2021. Groundwater Management Subdistrict Nos. 1, 2, and 3 of the Rio Grande Water Conservation District (RGWCD) made well depletion replacement in 2019. Advancement of the other three RGWCD subdistricts and the independent Trinchera subdistrict is progressing very well.

Public Use Impact

In summary, 2019 was an excellent runoff season through July followed by a very dry late summer and fall. Localized flooding did occur to a level not experienced since the mid-1980's or late 1990's depending on location. Good to very good year for runoff depending on the drainage location. Crop yields were good in areas with sufficient full irrigation season water supplies. Commodity prices were generally better than the previous year.





Basinwide Conditions Assessment

The SWSI value for the month was -0.4.

Basin Wide Conditions Outlook

Southern and eastern areas of the Gunnison basin fared well during December, receiving between 110 to 130% of average precipitation. Northern areas, such as the Grand Mesa and the North Fork Gunnison basin didn't fare as well, receiving as little as 70% of average. Snowpack numbers on January 1st reflect this disparity, as the basins above Blue Mesa and Ridgway Reservoirs contained 113% and 112% of the 30-year median, respectively, while the basins above Paonia Reservoir and the Snotel station at Park Reservoir contained only 90% and 94%, respectively.

Outlook

The National Weather Service expects equal chances of above or below average precipitation in the Gunnison basin during February, March and April. Temperatures during the same period are expected to be above average. Projections prepared by the NRCS, using exceedance probabilities, indicate that if the basin receives average snowfall during the remaining accumulation season the peak would be 105% of the 30-year median.

Administrative/Management Concerns

As per typical winter operations, the Gunnison Tunnel was opened twice during December to refill Fairview Reservoir with approximately 200 acre-feet of water each time.

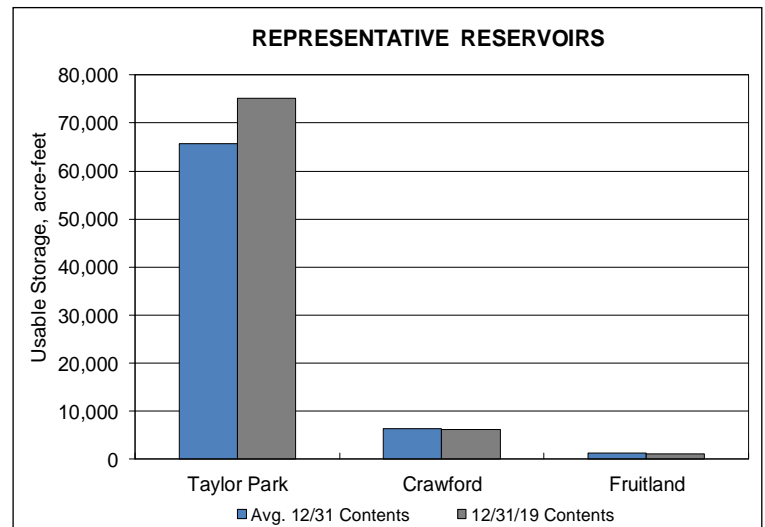
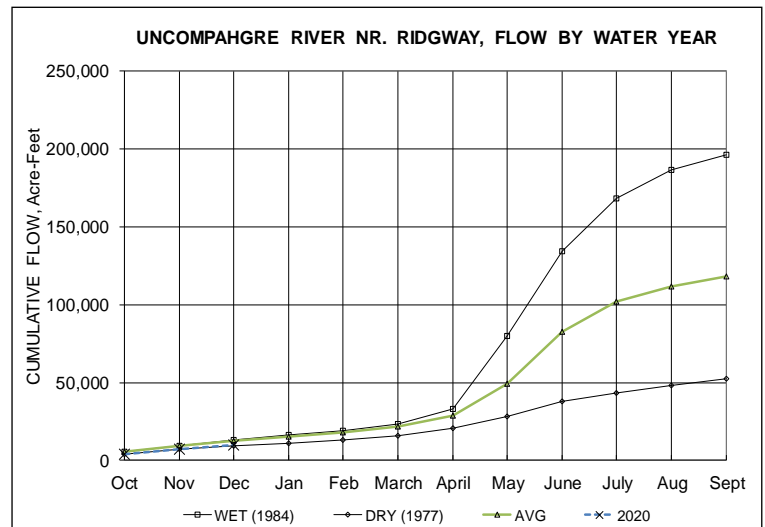
Taylor Park Reservoir now physically contains 75,346 acre-feet in storage. Of that amount, 64,660 acre-feet remains in the first fill account in Taylor Park, while 41,000 acre-feet of first fill account storage now resides in Blue Mesa Reservoir. Over 10,000 acre-feet has already accrued in the second fill account as of January 1st.

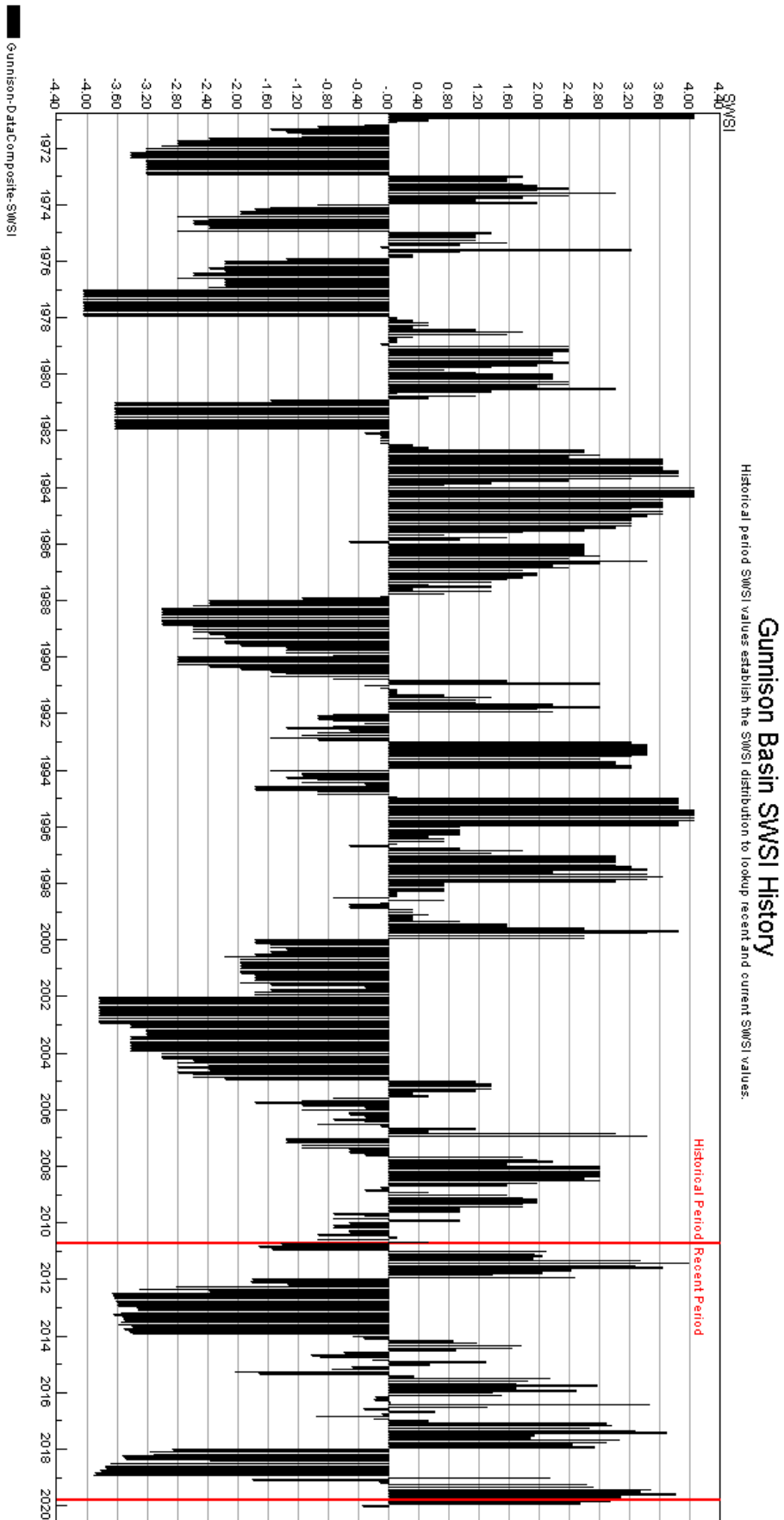
Additional releases from Blue Mesa Reservoir brought it to within 0.79 feet of the 7490 feet elevation target to prevent icing damage above the Reservoir. This elevation corresponds to 587,286 acre-feet of storage, or approximately 71% of capacity.

The lower than average snowpack on the Grand Mesa has orchardists and other irrigators in the Surface Creek valley hoping for increased snowfall during January. Carryover on the Grand Mesa, however, is greater than average on January 1st so even if the area received slightly below average snowpack most of the 108 reservoirs should fill in the spring.

Public Use Impacts

Skiing conditions at Telluride Ski Resort were excellent for most of December due to the above average snowpack. Even though Crested Butte received less snow during December, conditions remained good due to the colder than average temperatures and good conditions for snow making.





Jan-20

Basinwide Conditions Assessment

The SWSI value for the month was -0.5.

Outlook

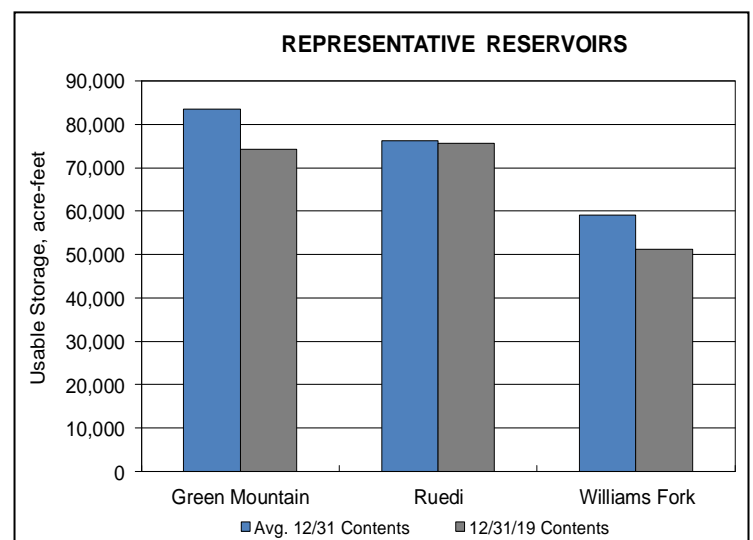
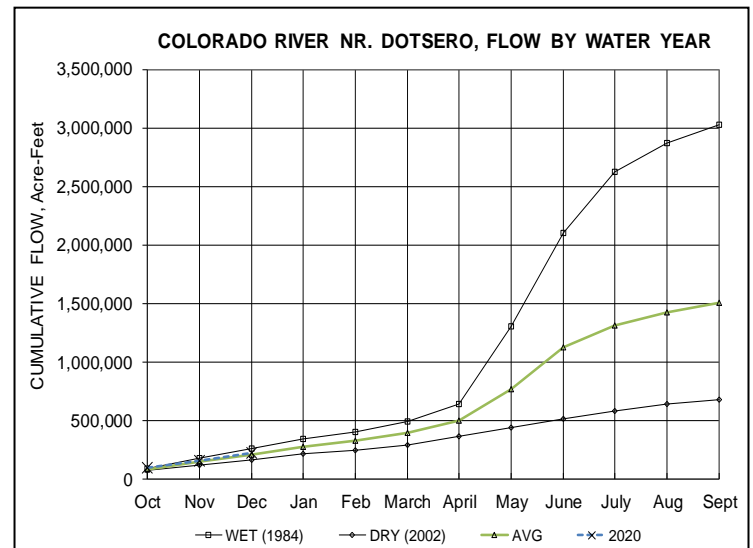
Colorado River flows are running below average with tributary flows also running below average throughout January. As of January 15, the Upper Colorado River Basin snowpack was 116 percent of median snow water equivalent and 92 percent of average precipitation. Forecasts call for above average precipitation and below average temperatures for western Colorado through January.

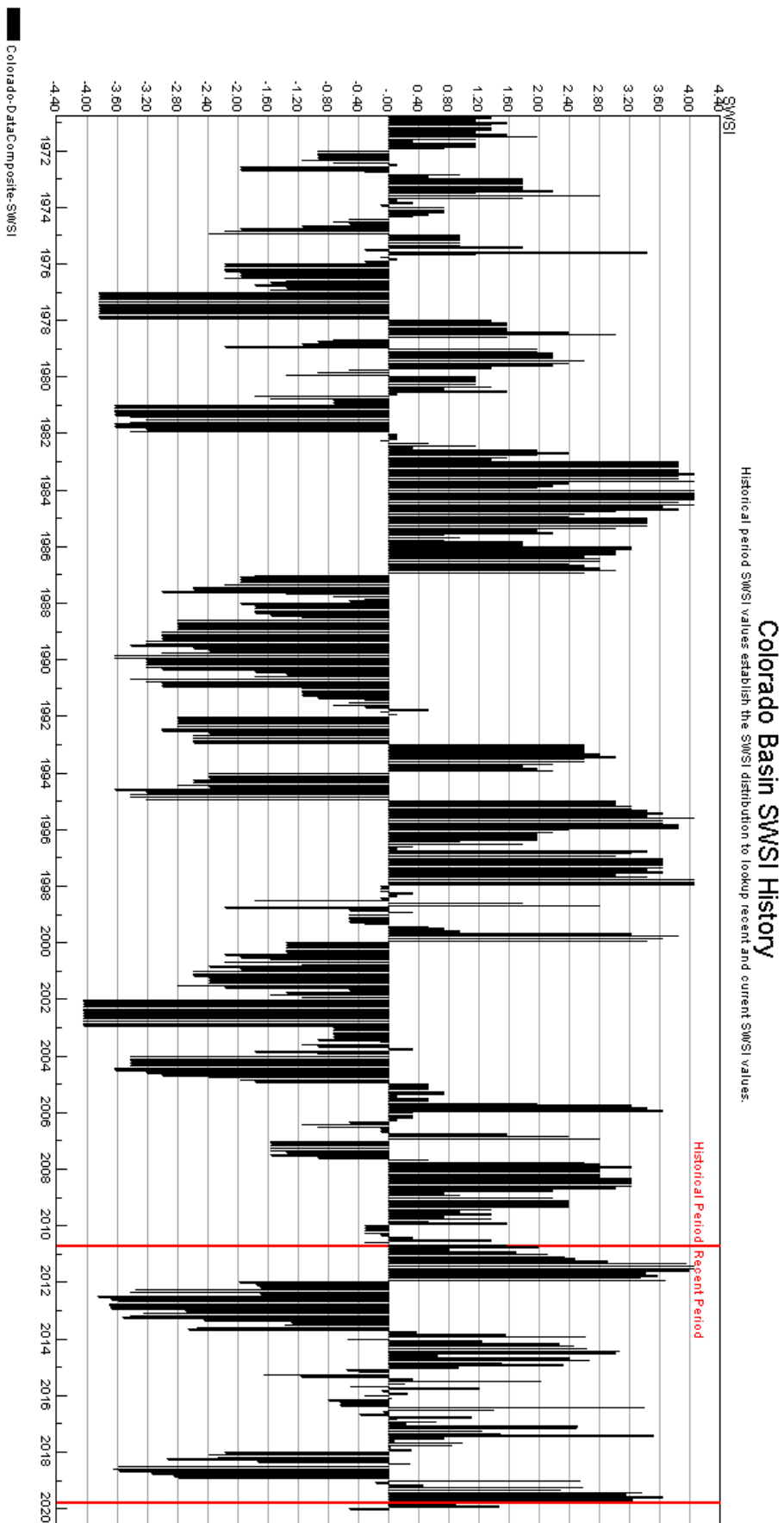
Administrative/Management Concerns

The call on the Colorado River main stem remains the Shoshone Hydro Power right for 1250 cfs. Accordingly, Green Mountain Reservoir is releasing to pass inflows, provide contract and HUP obligations and make C-BT replacements.

Public Use Impacts

For the 19th year, the ESPN Winter X-Games return to Aspen January 23-26. Buttermilk Ski Mountain, part of Aspen Snowmass, makes a significant amount of snow to accommodate the large jumps needed for the events and the super pipe. The games also have a massive economic impact in the Roaring Fork Valley and make it the highest occupancy weekend of the year in Aspen Snowmass.





Basinwide Conditions Assessment

The SWSI value for the month was -0.6.

Precipitation (24 sites) - Entire Yampa, White, and North Platte basins were 95% of the monthly average, putting the basin at 90% of average for the water year to date. Which is up from last year's monthly average of 64%. For the month, the lowest percent of average, at 61%, was the Roach SNOTEL station. The highest, at 126%, was the Columbine SNOTEL station.

**Averages are from 1981-2010 records*

Snowpack (25 sites) - Yampa, White, and North Platte basins were 112% of the monthly SWE median. This is up from last year's median of 104%. For the month, the lowest percent of median, at 76%, was the Bison Lake SNOTEL station. The highest, at 161%, was the Battle Mountain SNOTEL station. The largest snow depth is at 56 inches from the Tower SNOTEL site at 10,500 feet in elevation.

**Averages are from 1981-2010 records*

Temperatures - The average temperature for Colorado Climate Division 2: Colorado River Drainage was **38.5° F**. This is -5.0°F from the average of 43.5°F or 12% below average. This temperature ranks 4th lowest of the previous 125 years of data. For the Platte Drainage, Colorado Climate Division 4, the average temperature was **39.8° F**, -6.4°F or 14% below the average of 46.2°F, ranking 5th.

**Averages are from 1901-2000 records*

Reservoir Outlook

Elkhead Reservoir - December 31st, 2019 elevation was 72.4' and 19,670 AF of 25,550 AF - 77% capacity

Fish Creek Reservoir - January 1st, 2020 elevation was 9,870.65' at 2,324 AF of 4,170 AF - 55.8% capacity.

Stagecoach Reservoir - January 1st, 2020 elevation was 7202.17' at 35,200 AF of 36,500 - 96% capacity, 120% average, 113% last year

Yamcolo Reservoir - January 1st, 2020 elevation was 66.42' at 7,700 AF of 8,700 - 89% capacity, 146% average, 220% last year.

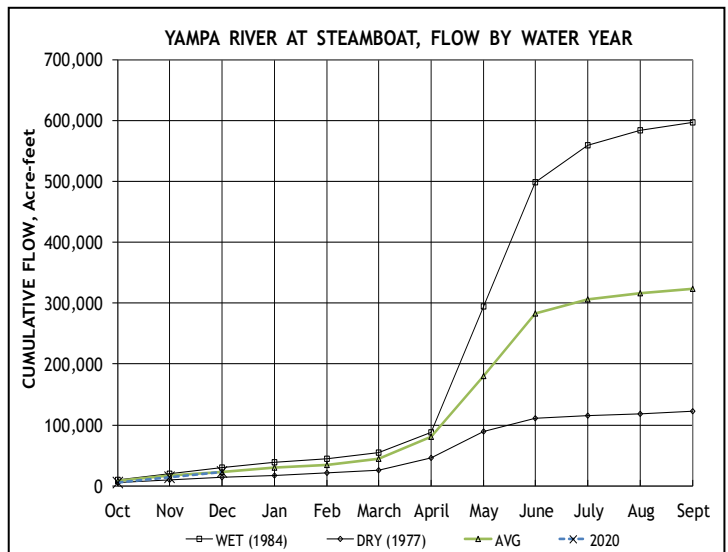
**Averages are from 1981-2010 records*

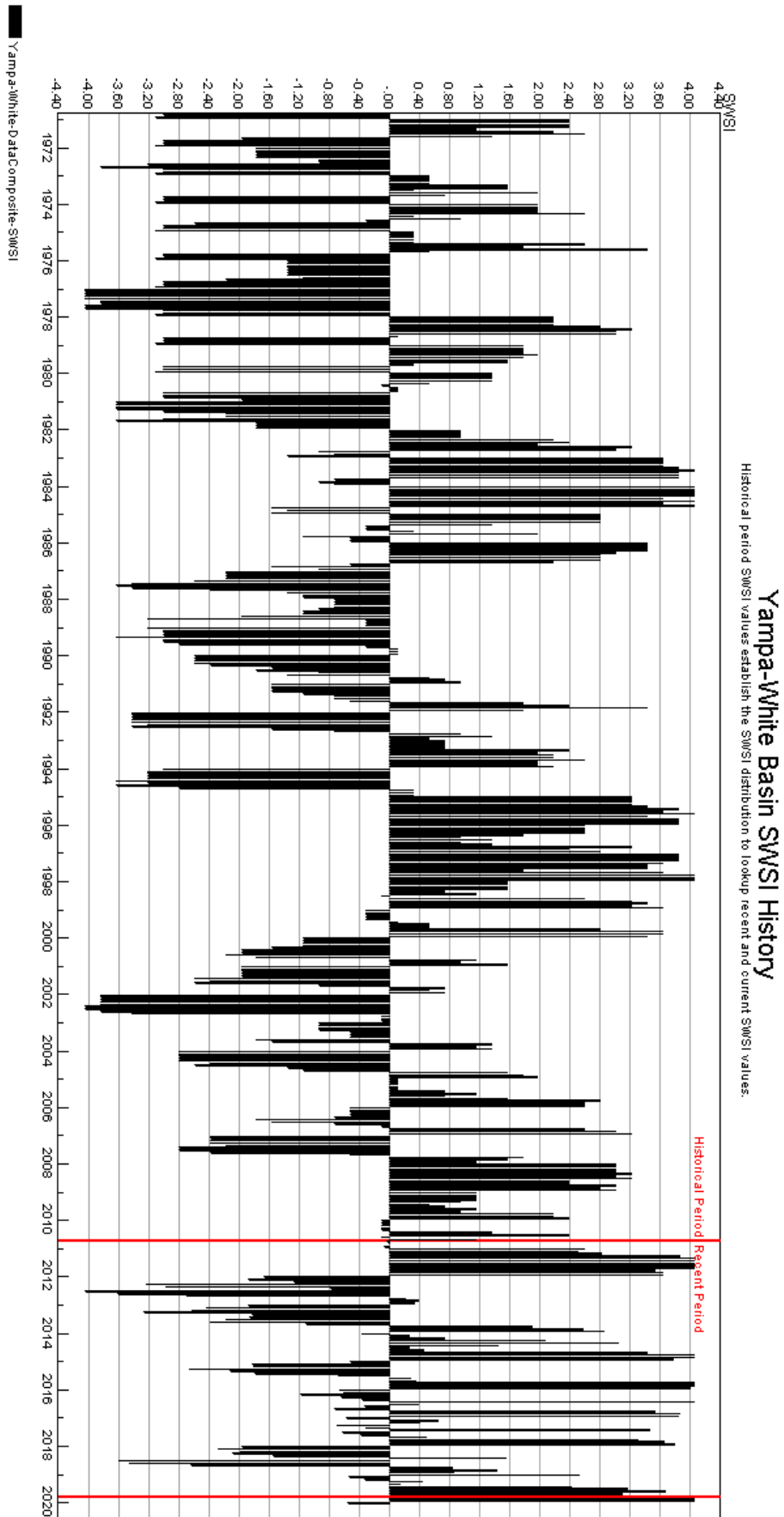
Public Use Impacts

Steamboat Springs has seen many tourist for the holiday seasons. The Ikon Pass has attracted many new visitors to Steamboat Ski Resort.

Administrative Concerns

There have been no calls in Division 6 for December.





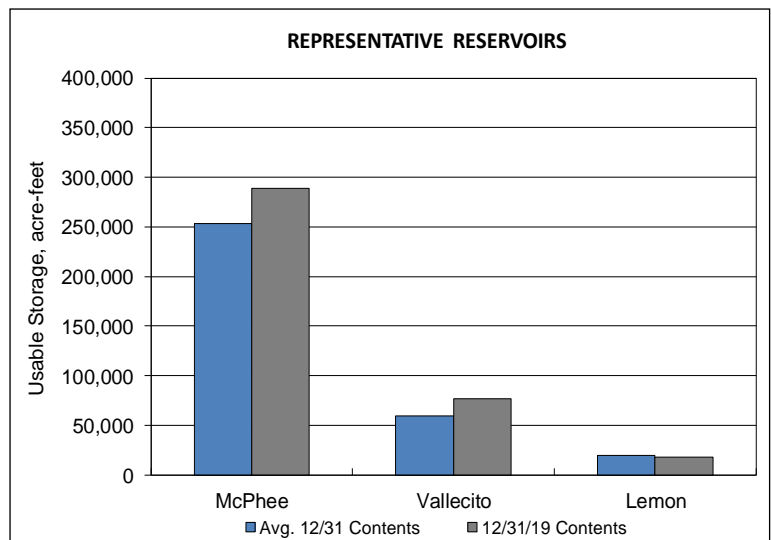
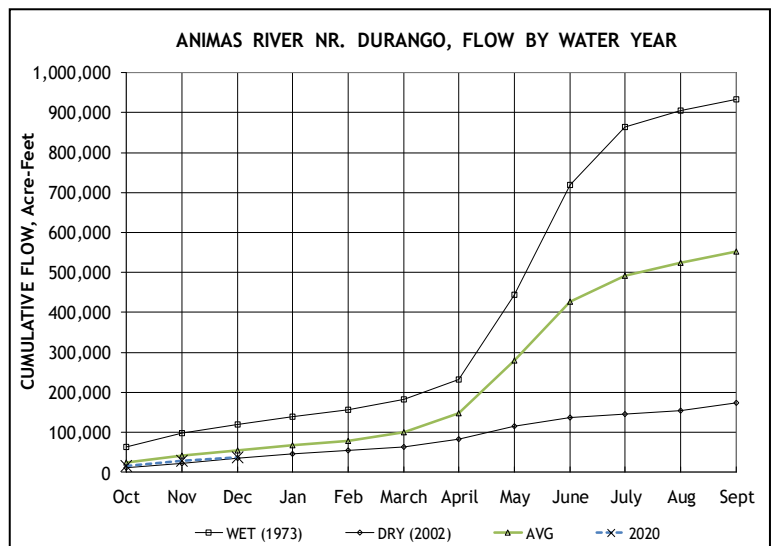
Basinwide Conditions Assessment

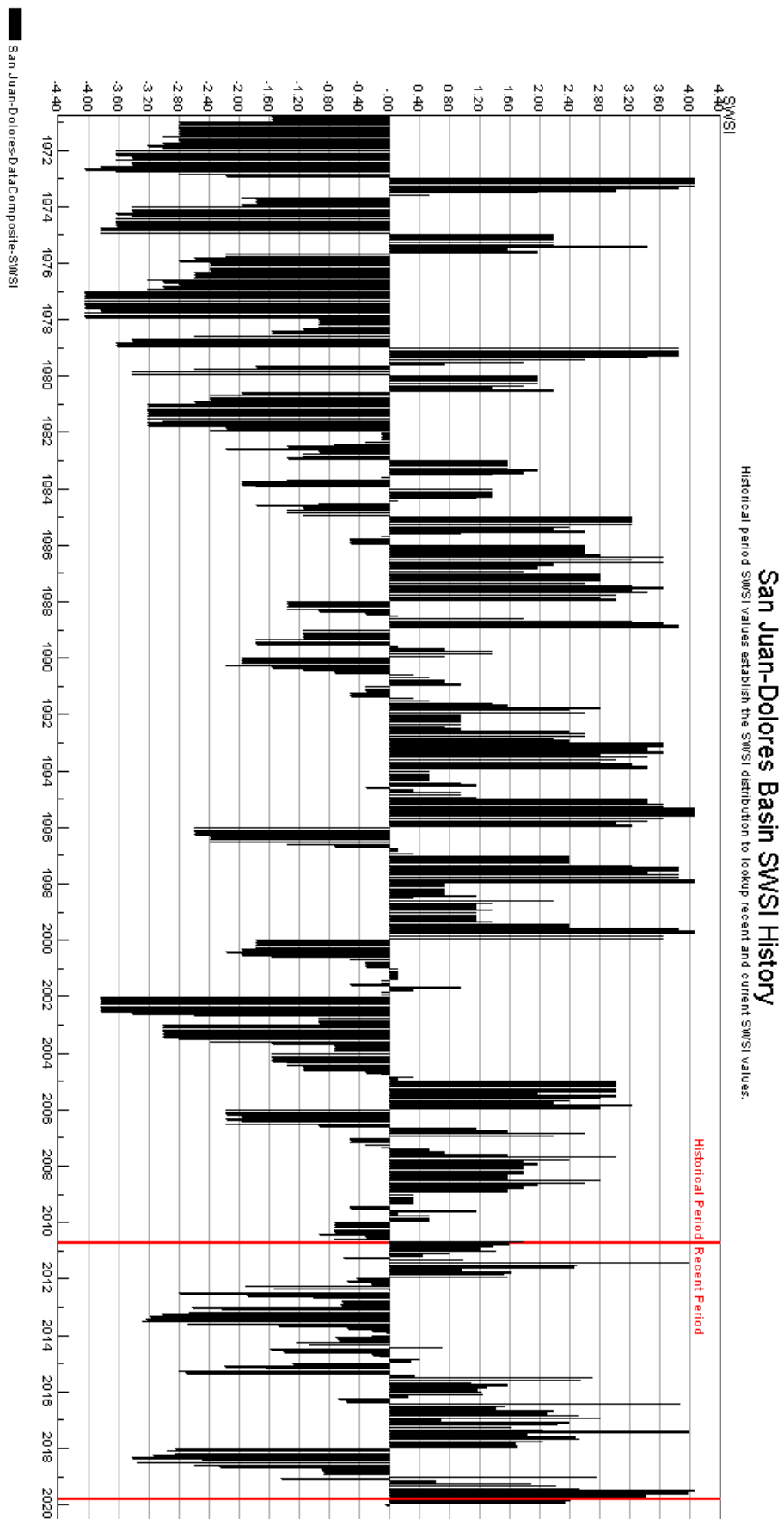
The SWSI value for the month was -0.2.

Flow at the Animas River at Durango averaged 165 cfs (74% of average). The flow at the Dolores River at Dolores was estimated to average 42 cfs (74% of average). The La Plata River at Hesperus averaged 4.6 cfs (57% of average). Precipitation in Durango was 2.17 inches for the month, 139% of the 30-year average of 1.56 inches. Precipitation to date in Durango, for the water year is 4.52 inches, 90% of the 30-year average of 5.04 inches. The average high and low temperatures for the month of December in Durango were 42° and 18°. In comparison, the 30-year average high and low for the month is 41° and 15°. At the end of the month Vallecito Reservoir contained 76,245 acre-feet compared to its average content of 55,146 acre-feet (138% of average). McPhee Reservoir was up to 288,887 acre-feet compared to its average content of 257,463 (112% of average), while Lemon Reservoir was up to 17,980 acre-feet as compared to its average content of 19,440 acre-feet (92% of average).

Outlook

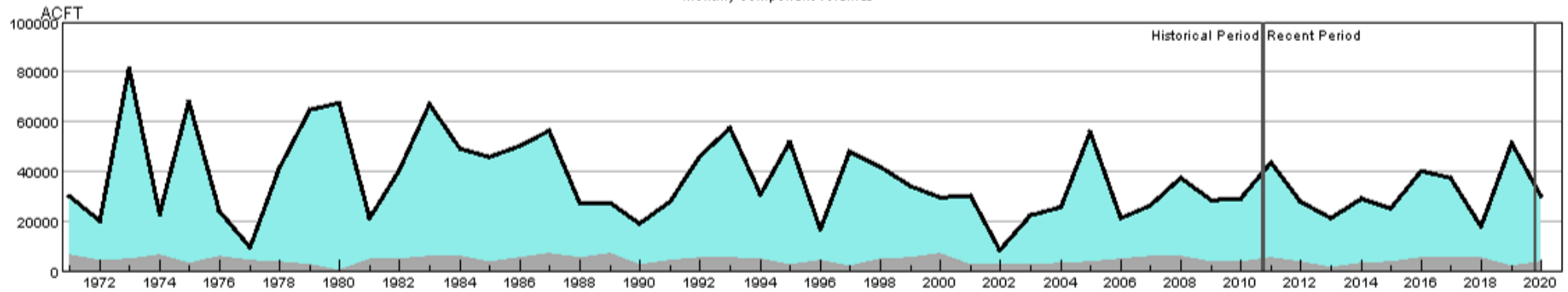
Precipitation (2.17 inches) was above average for December in Durango. There were 37 years out of 125 years of record where there was more precipitation than this year. The flows in the rivers gained a little bit toward average this month with the increase in precipitation. There are 99 out of 109 years of record where the total flow past the Animas River at Durango stream gauge was more than this year. There were 78 out of 110 years of record where the total flow past the Dolores stream gauge was more than this year and 89 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 above average for this time of year. On December 31, the NRCS SNOTEL sites reported an average snow-water-equivalent within the basin at 131%. Last month the average snow-water-equivalent at the end of the month was 110%.





HUC 14080107 (Mancos) Surface Water Supply - JAN

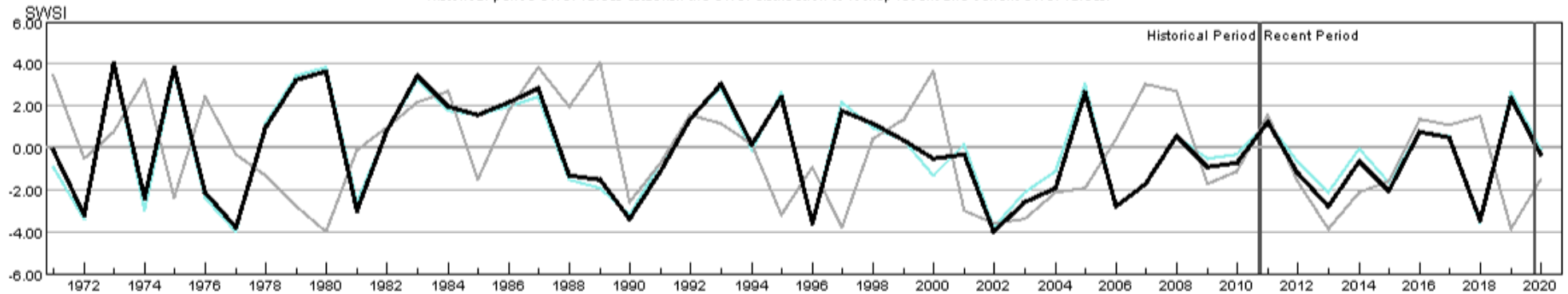
Monthly component volumes



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 HUC:14080107-JAN-ReservoirStorage

HUC 14080107 (Mancos) SWSI Values - JAN

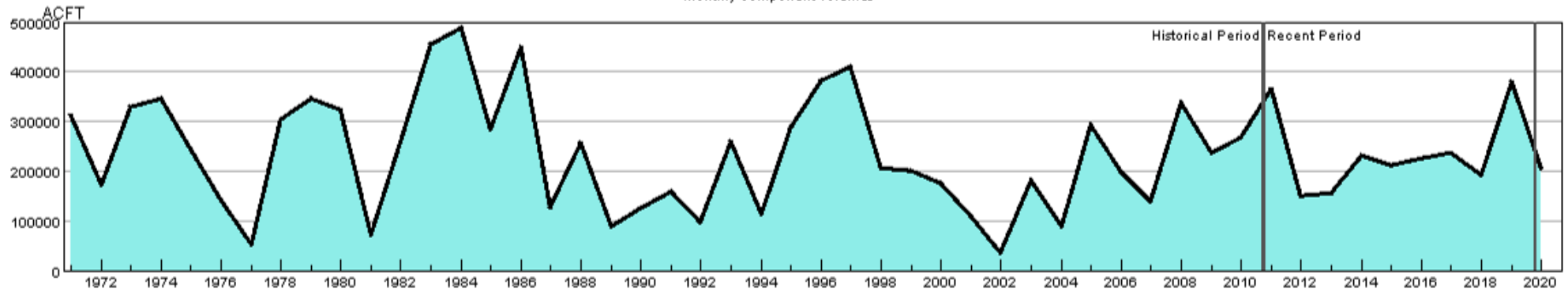
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

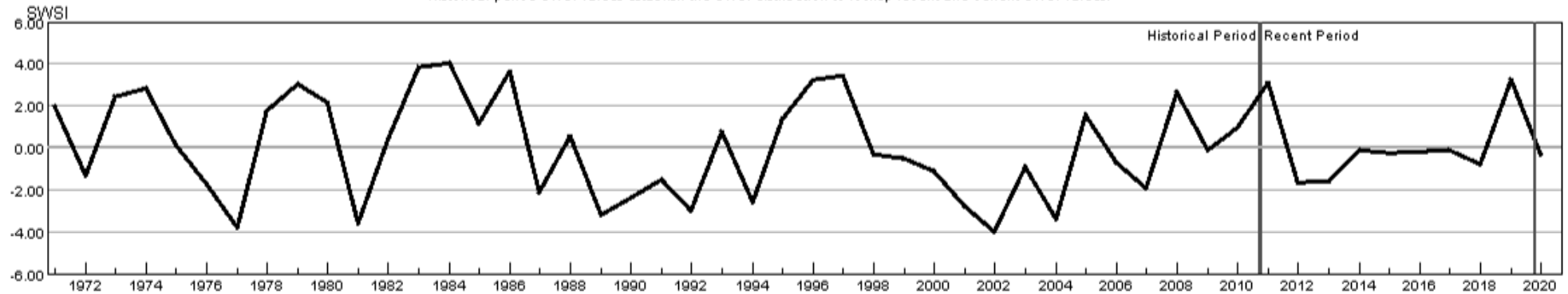
Monthly component volumes



HUC:10180001-JAN-DataComposite
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HUC 10180001 (North Platte Headwaters) SWSI Values - JAN

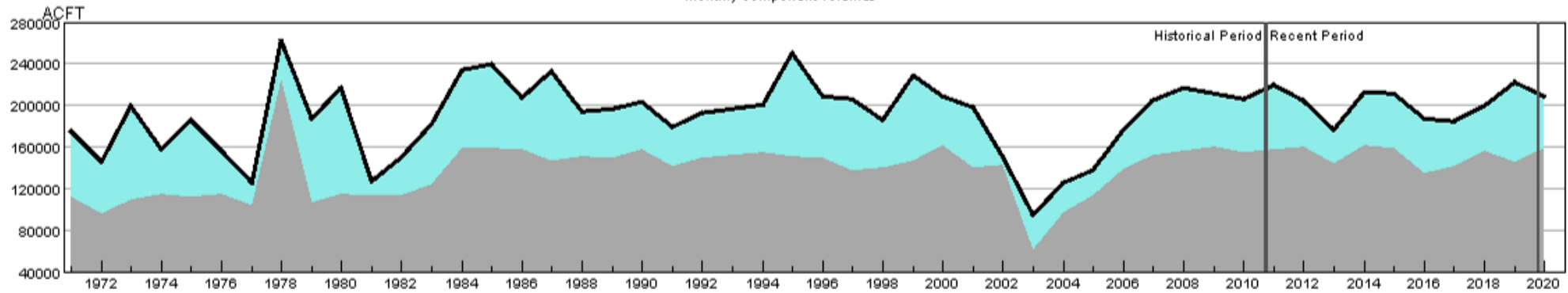
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

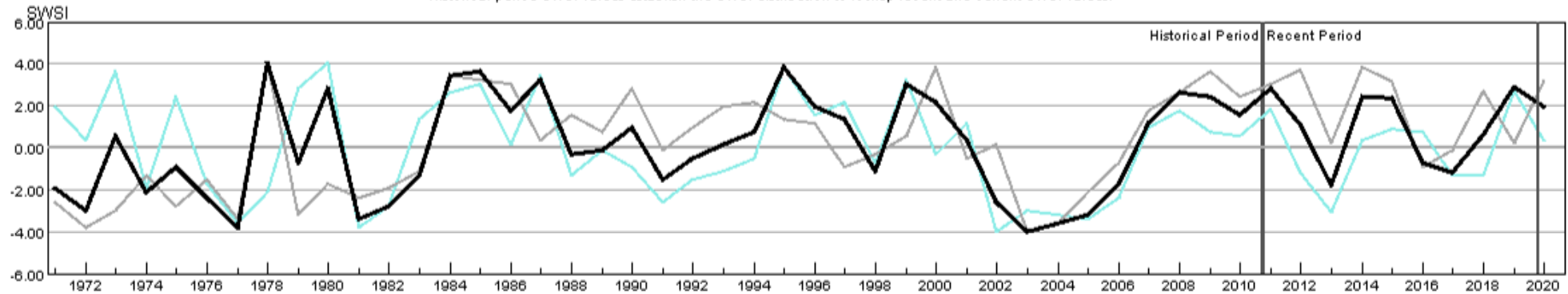
Monthly component volumes



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

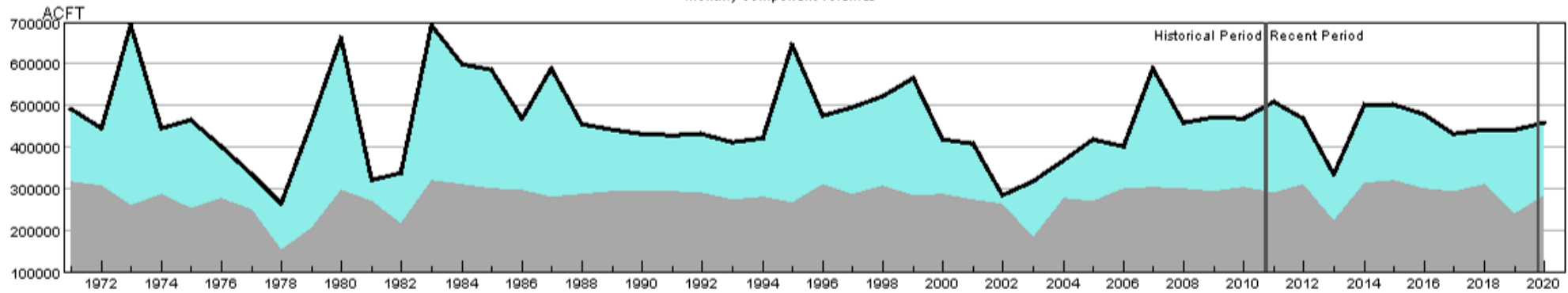
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

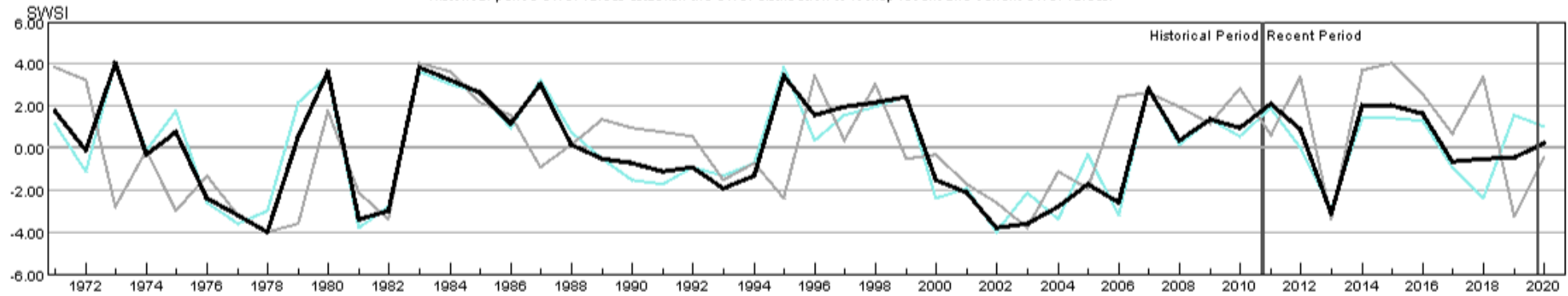
Monthly component volumes



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

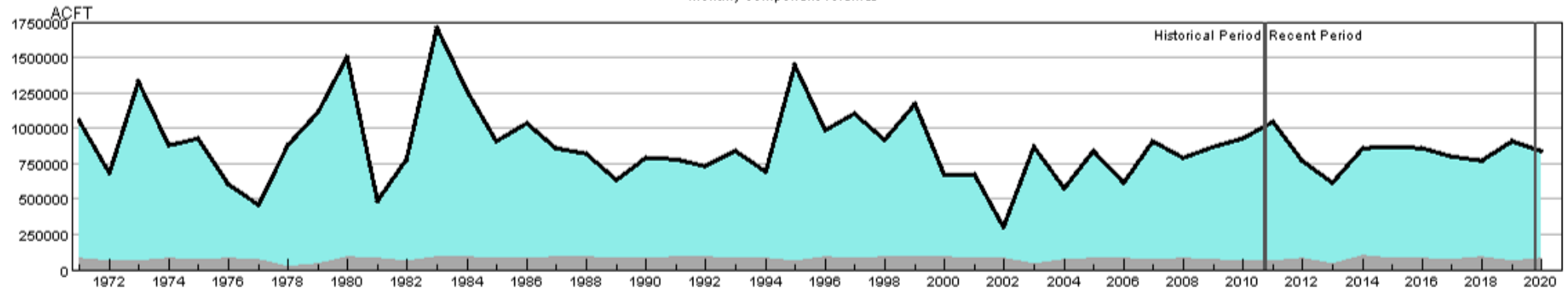
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

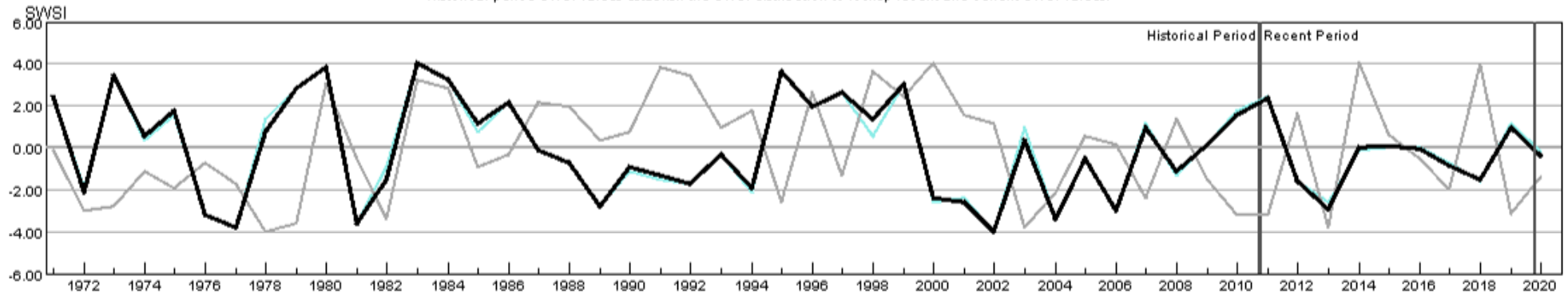
Monthly component volumes



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

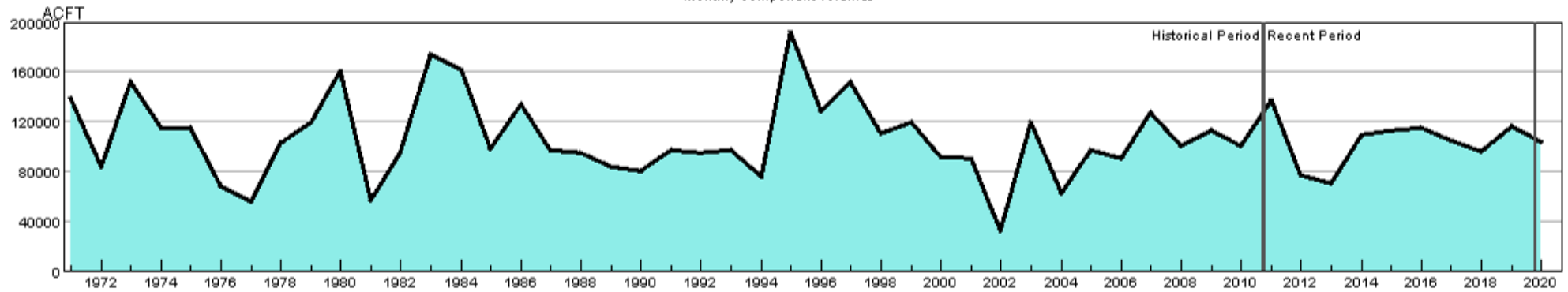
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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HUC 10190004 (Clear) Surface Water Supply - JAN

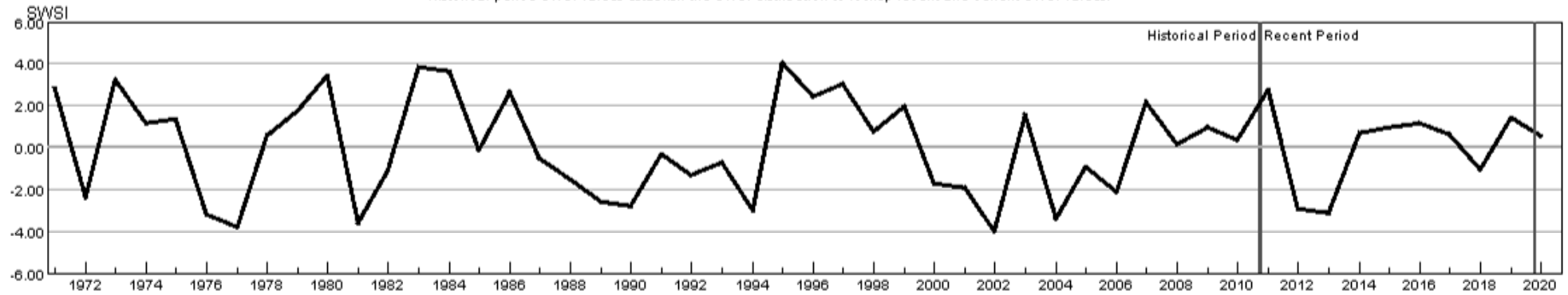
Monthly component volumes



HUC:10190004-JAN-DataComposite
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HUC 10190004 (Clear) SWSI Values - JAN

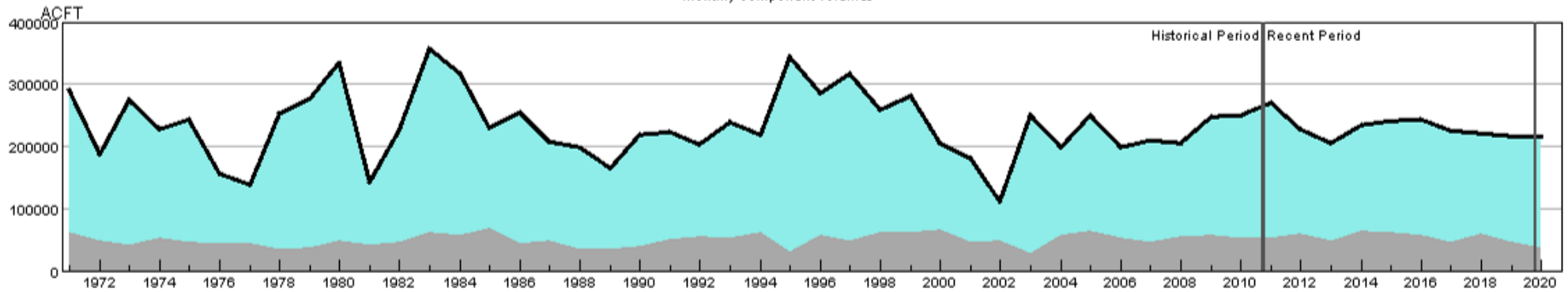
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

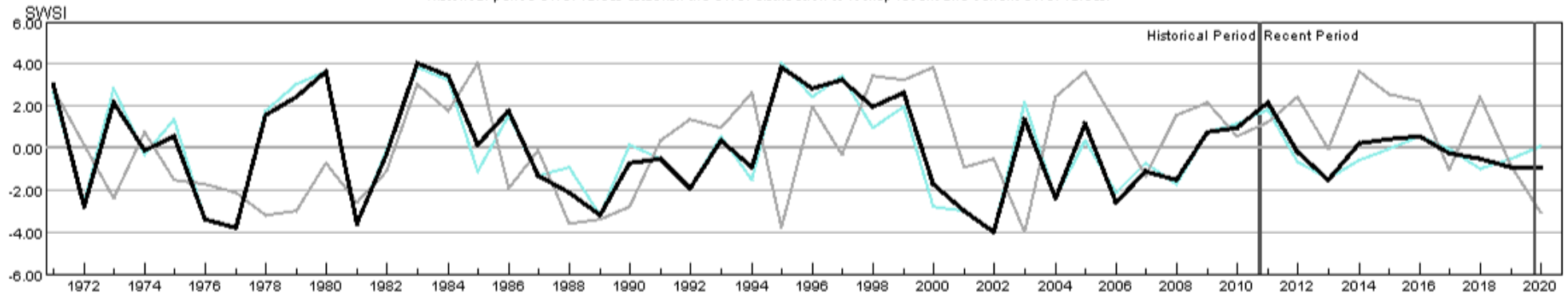
Monthly component volumes



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HUC 10190005 (St. Vrain) SWSI Values - JAN

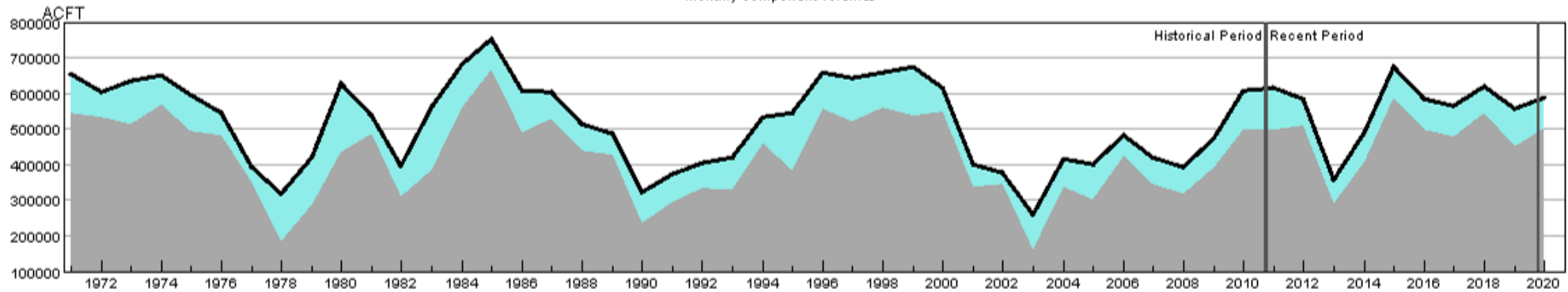
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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HUC 10190006 (Big Thompson) Surface Water Supply - JAN

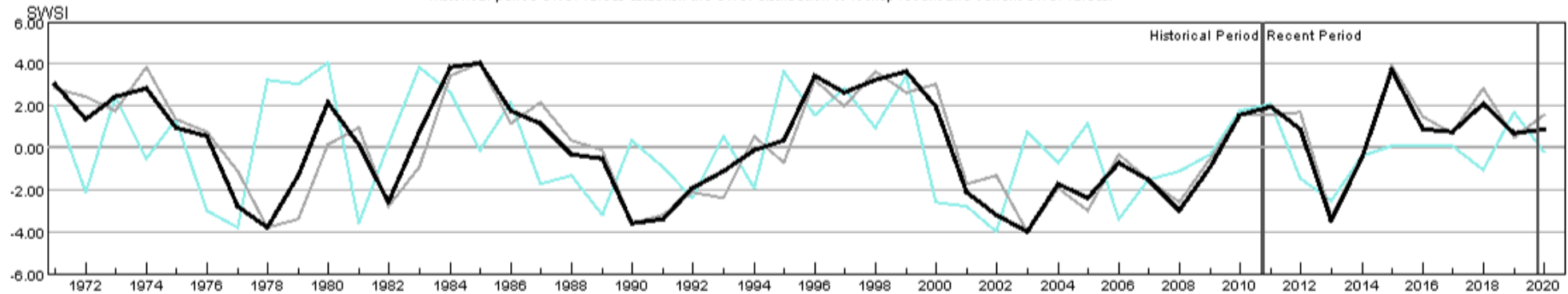
Monthly component volumes



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HUC 10190006 (Big Thompson) SWSI Values - JAN

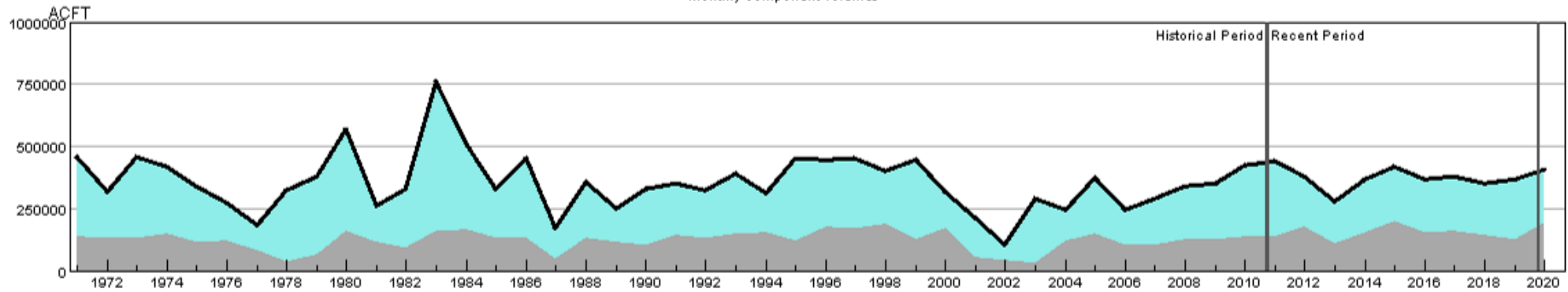
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HUC 10190007 (Cache La Poudre) Surface Water Supply - JAN

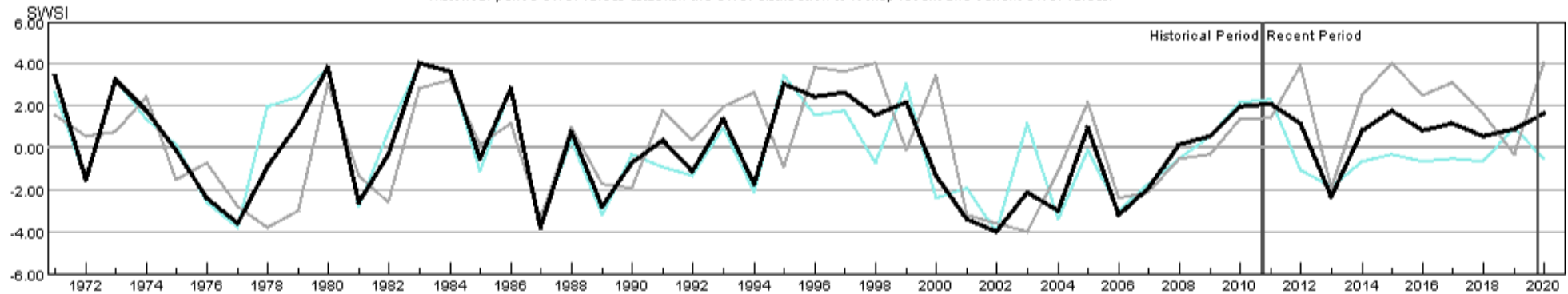
Monthly component volumes



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

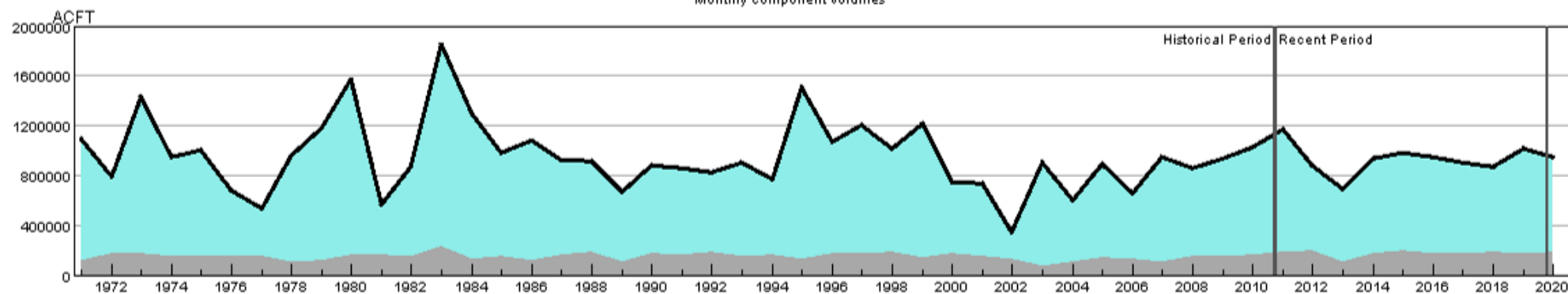
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

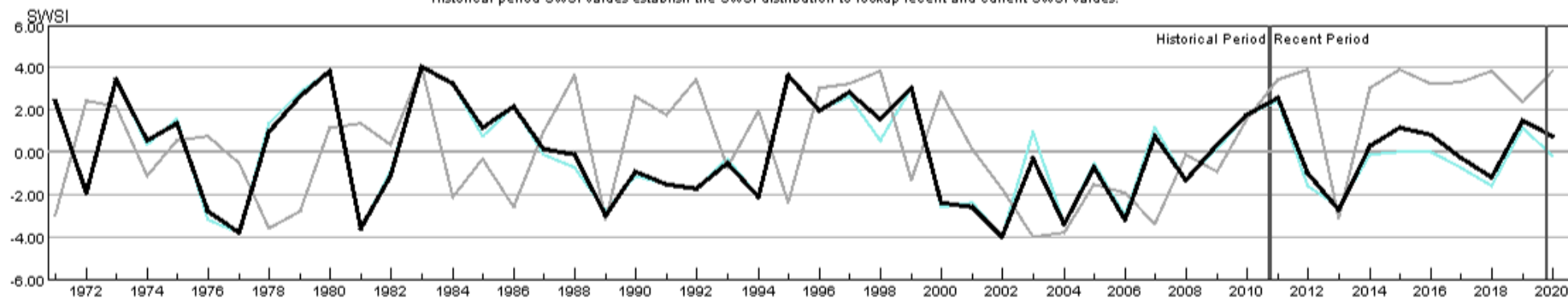
Monthly component volumes



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

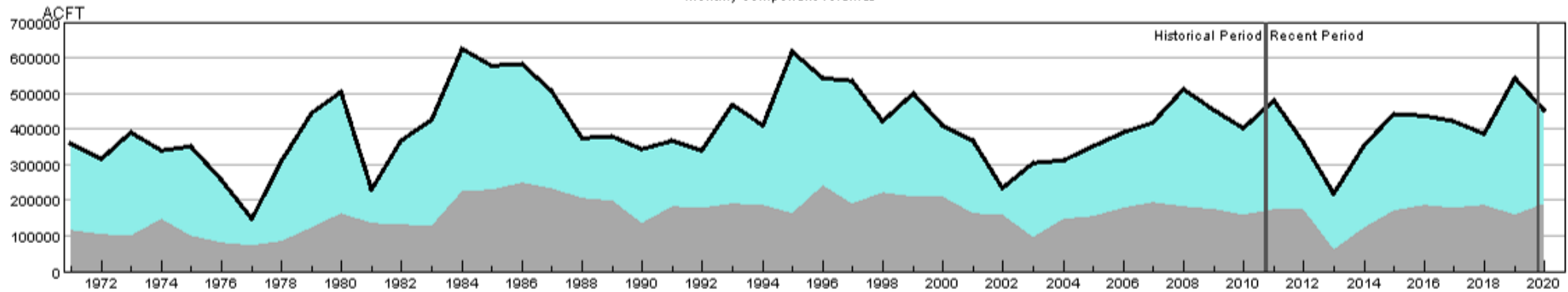
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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HUC 11020001 (Arkansas Headwaters) Surface Water Supply - JAN

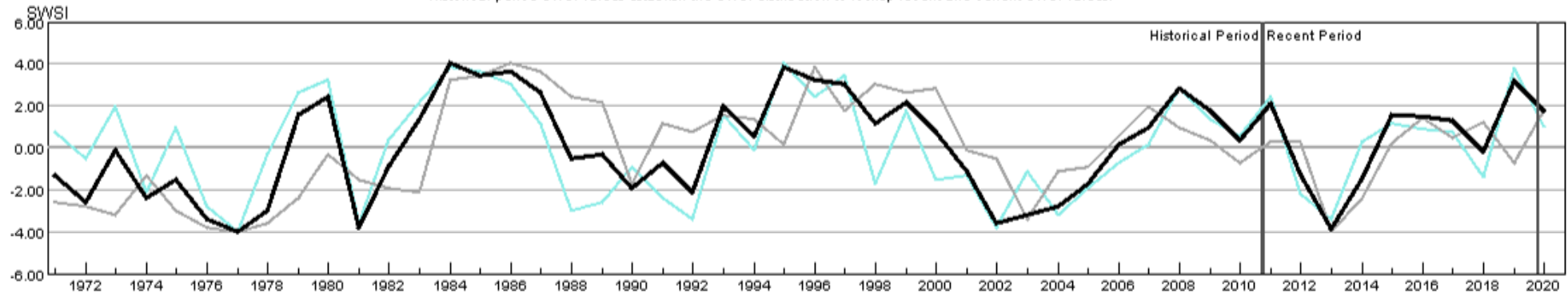
Monthly component volumes



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HUC 11020001 (Arkansas Headwaters) SWSI Values - JAN

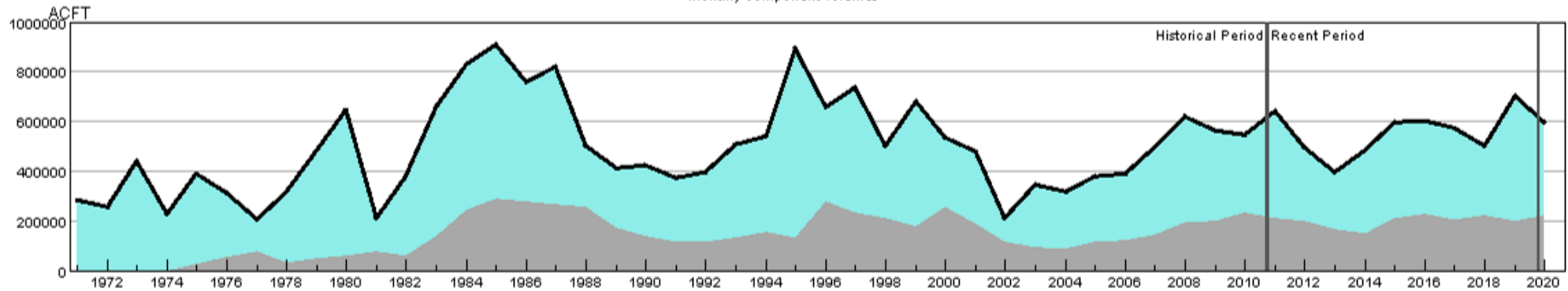
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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HUC 11020002 (Upper Arkansas) Surface Water Supply - JAN

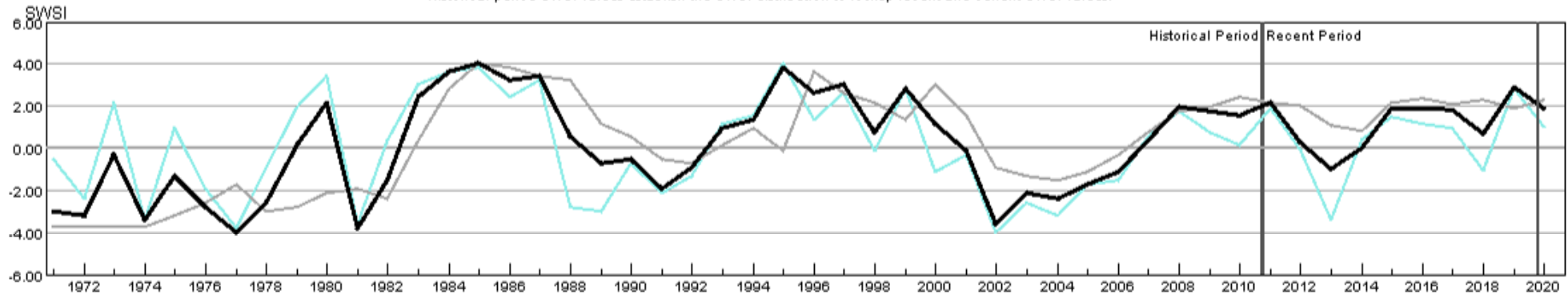
Monthly component volumes



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HUC 11020002 (Upper Arkansas) SWSI Values - JAN

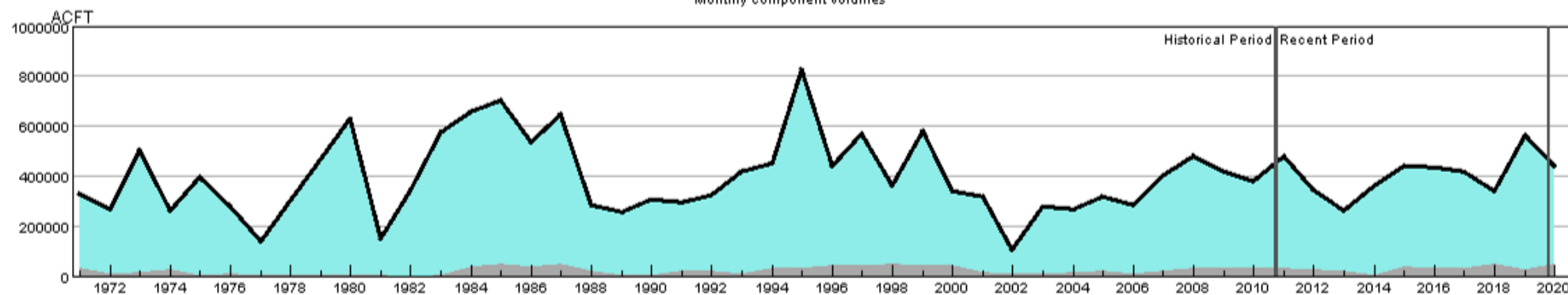
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

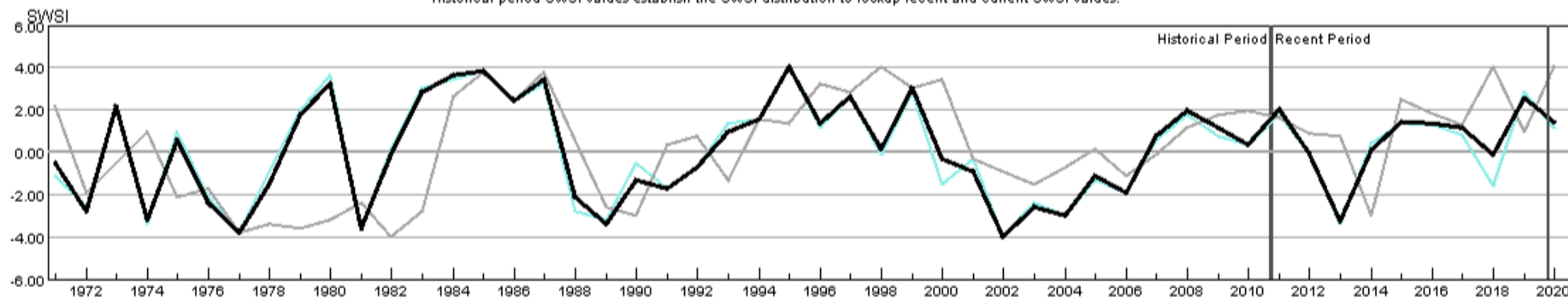
Monthly component volumes



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

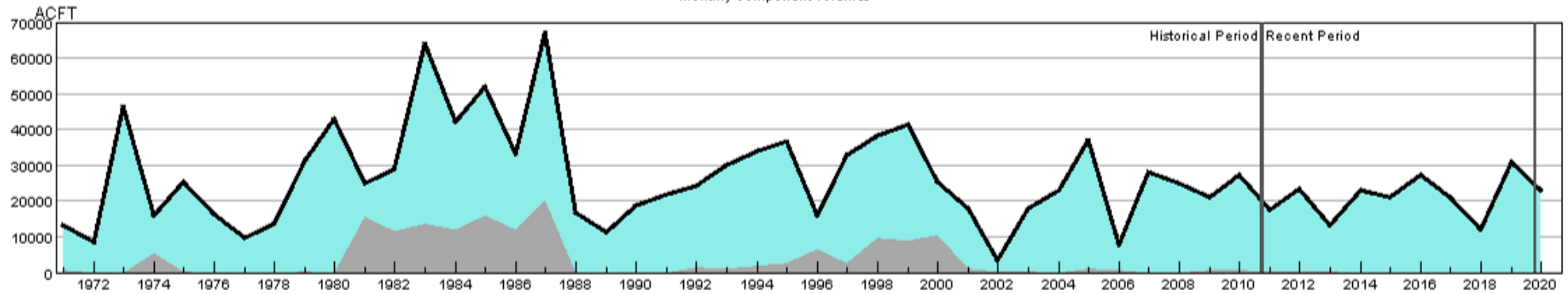
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



HUC:11020005-JAN-PrevMoStreamflow-SWSI
 HUC:11020005-JAN-ForecastedRunoff-SWSI
 HUC:11020005-JAN-ReservoirStorage-SWSI
 HUC:11020005-JAN-DataComposite-SWSI

HUC 11020006 (Huerfano) Surface Water Supply - JAN

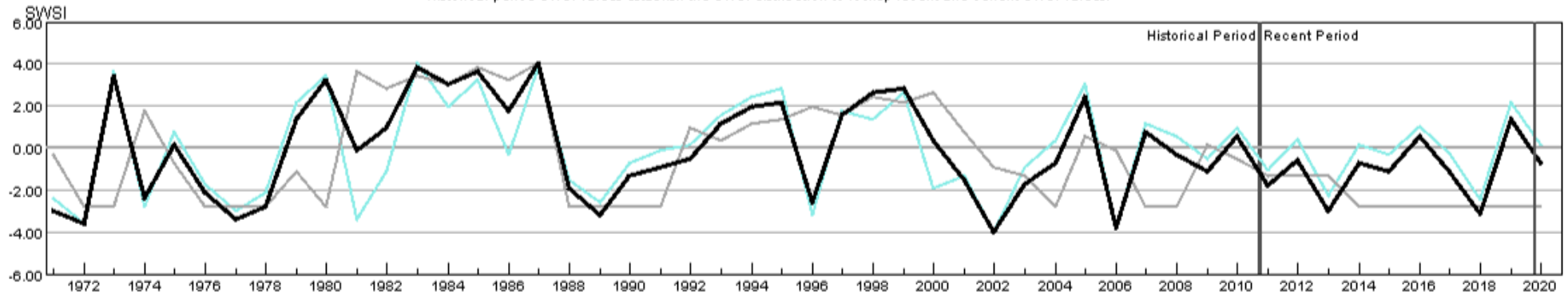
Monthly component volumes



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

HUC 11020006 (Huerfano) SWSI Values - JAN

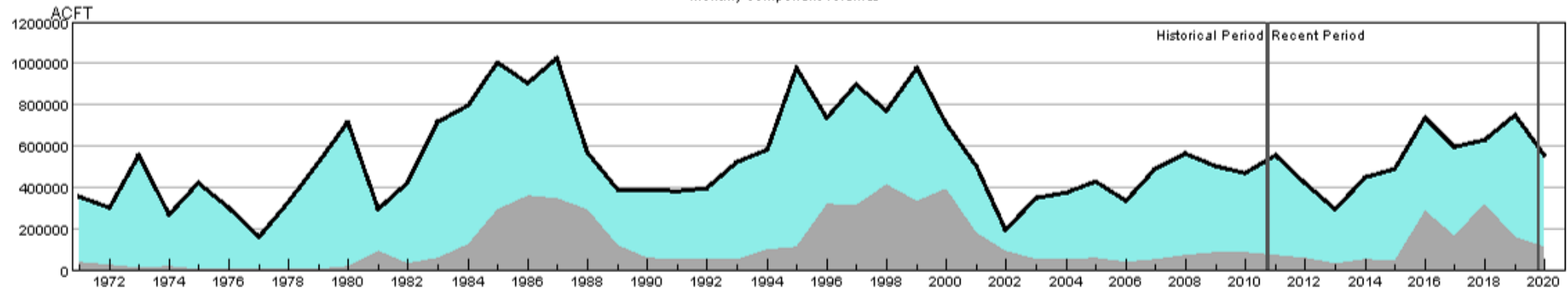
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

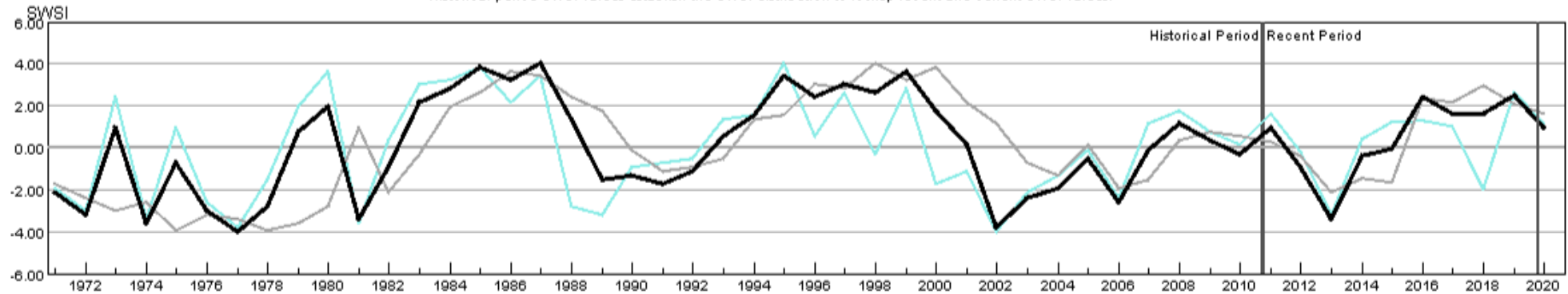
Monthly component volumes



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

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

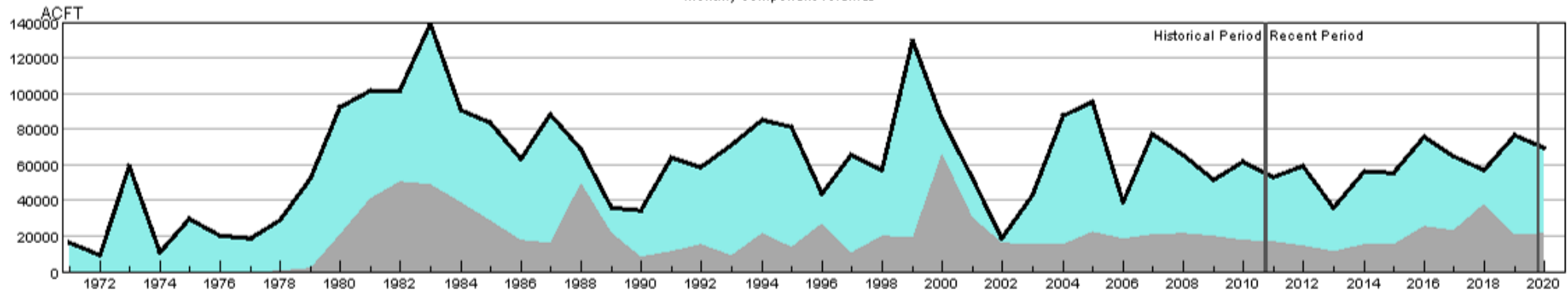
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 11020010 (Purgatoire) Surface Water Supply - JAN

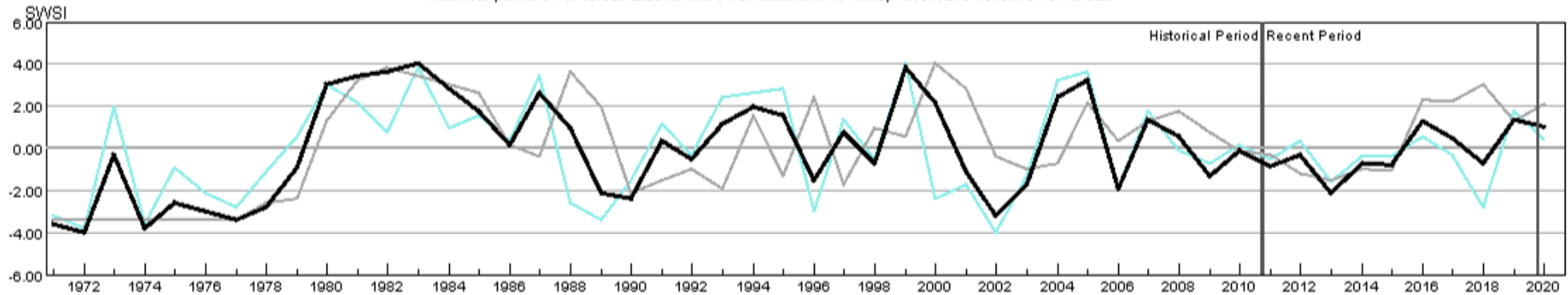
Monthly component volumes



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

HUC 11020010 (Purgatoire) SWSI Values - JAN

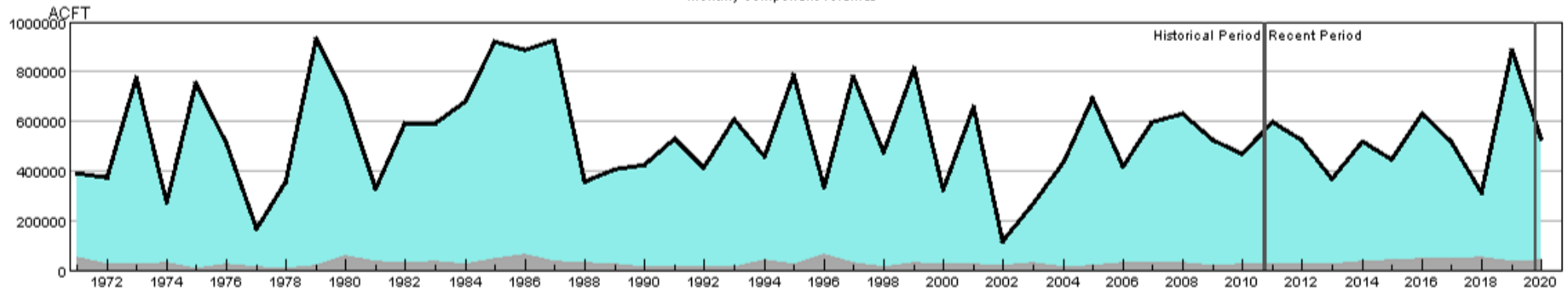
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

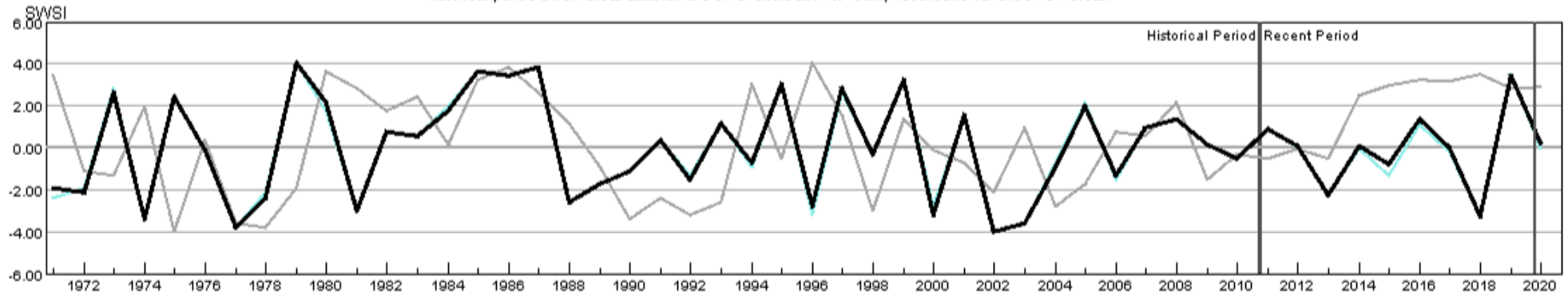
Monthly component volumes



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

HUC 13010001 (Rio Grande Headwaters) SWSI Values - JAN

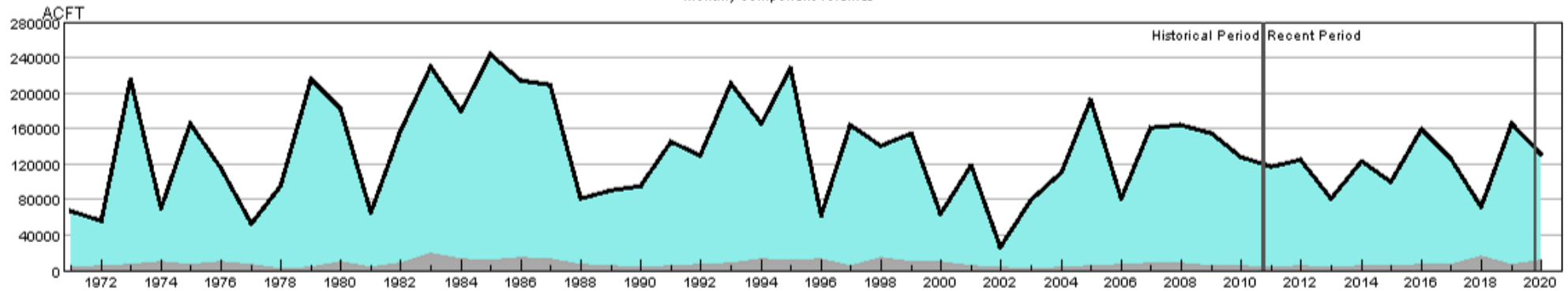
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

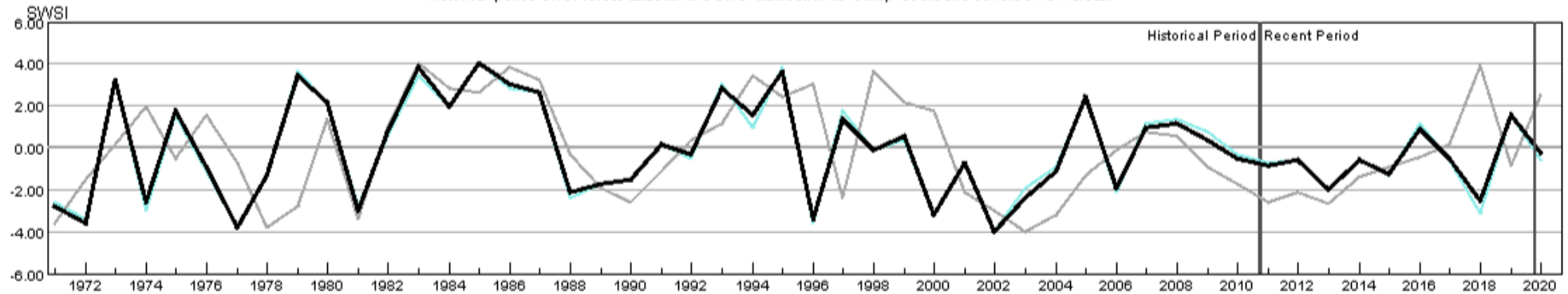
Monthly component volumes



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

HUC 13010002 (Alamosa-Trinchera) SWSI Values - JAN

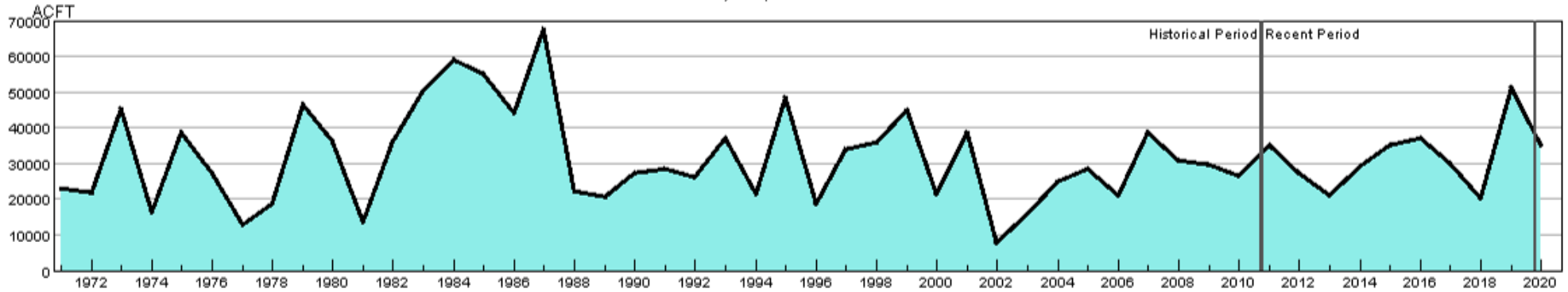
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 13010004 (Saguache) Surface Water Supply - JAN

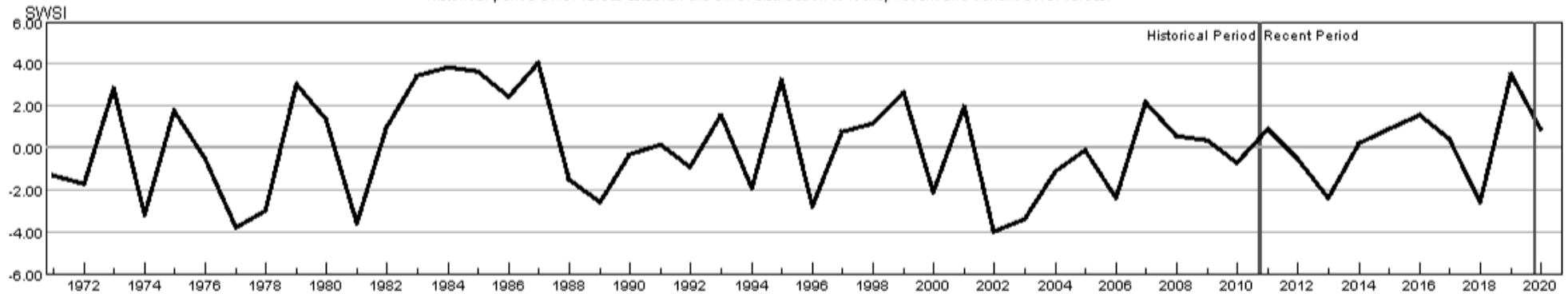
Monthly component volumes



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

HUC 13010004 (Saguache) SWSI Values - JAN

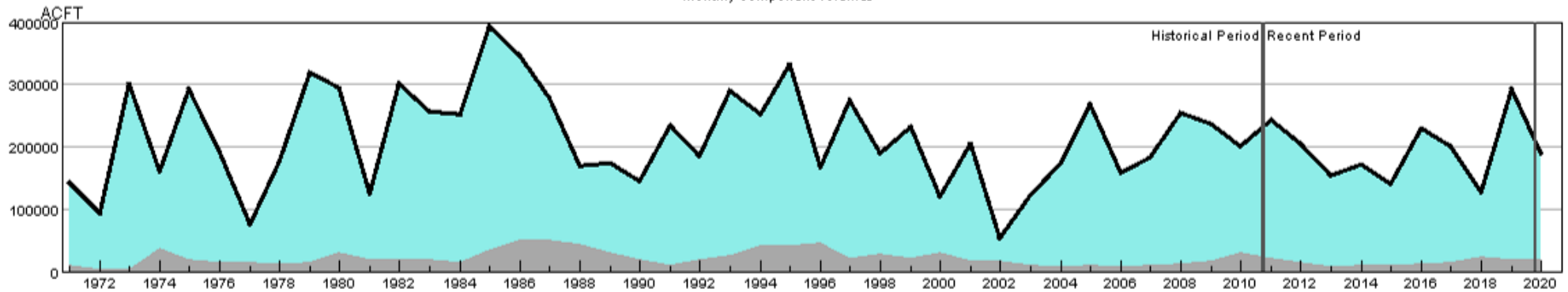
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 13010005 (Conejos) Surface Water Supply - JAN

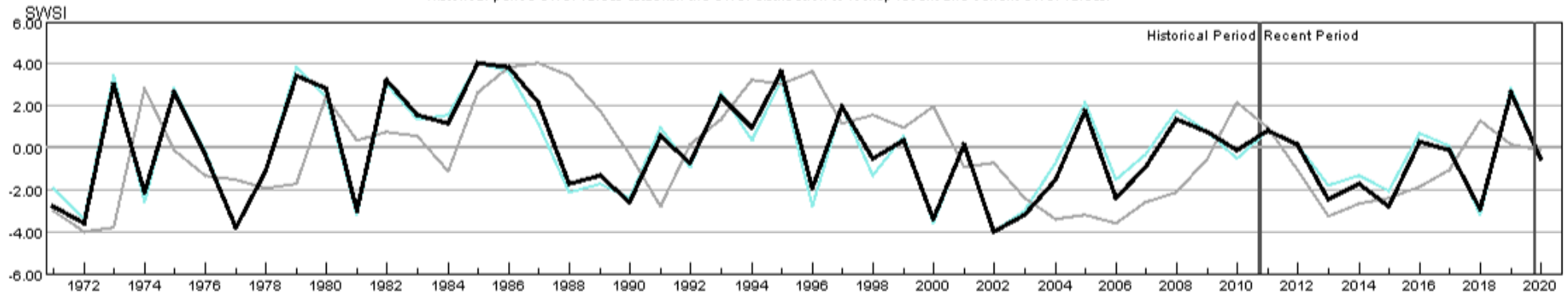
Monthly component volumes



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

HUC 13010005 (Conejos) SWSI Values - JAN

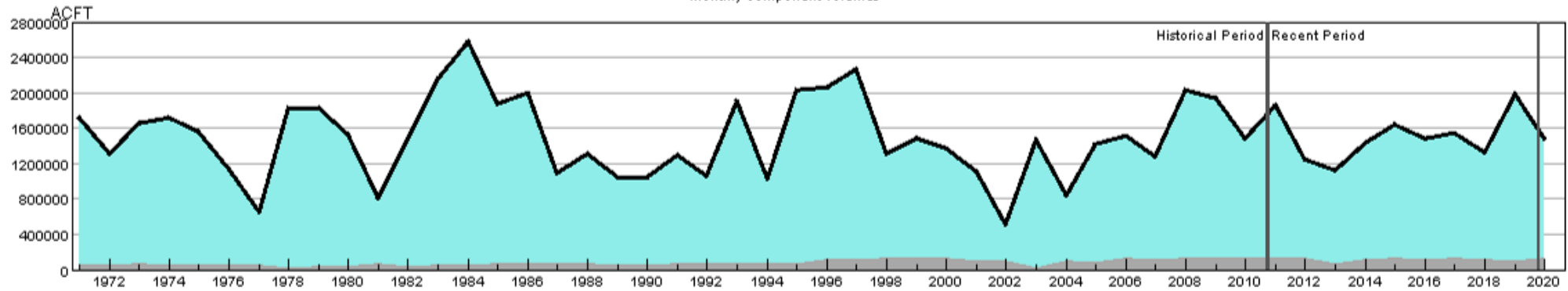
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14010001 (Colorado Headwaters) Surface Water Supply - JAN

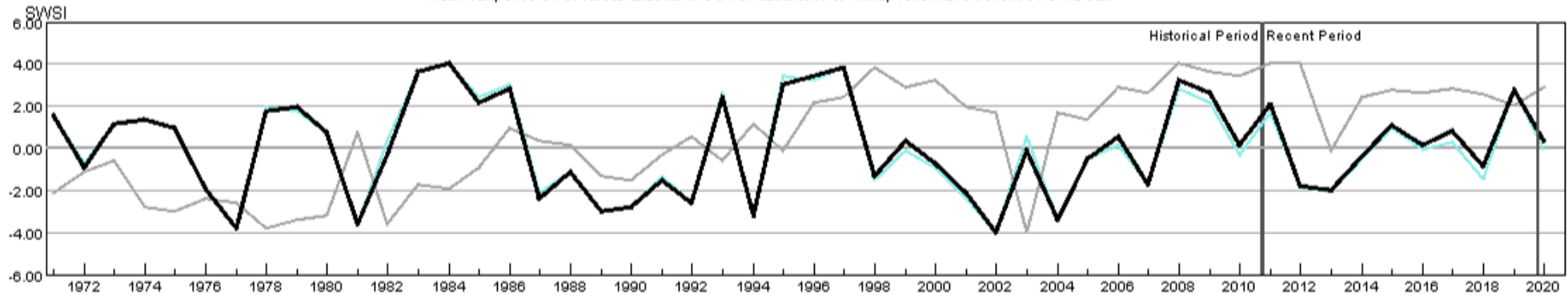
Monthly component volumes



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

HUC 14010001 (Colorado Headwaters) SWSI Values - JAN

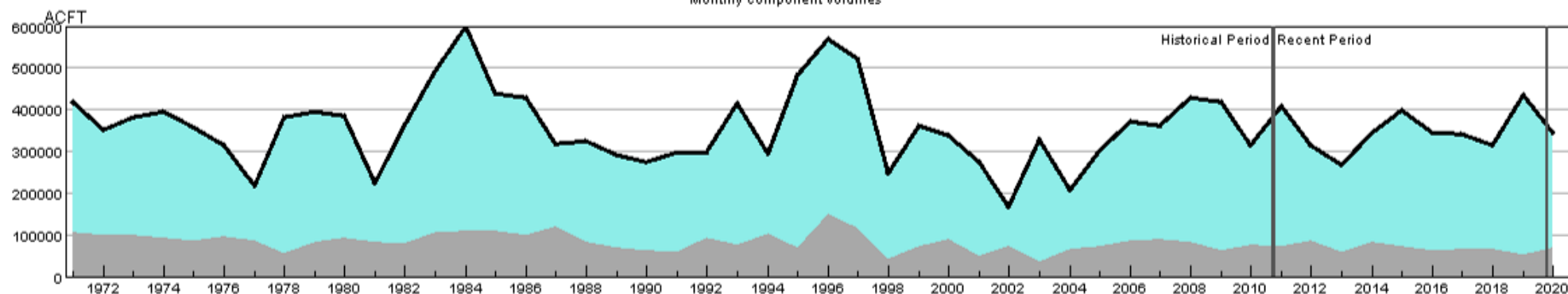
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14010002 (Blue) Surface Water Supply - JAN

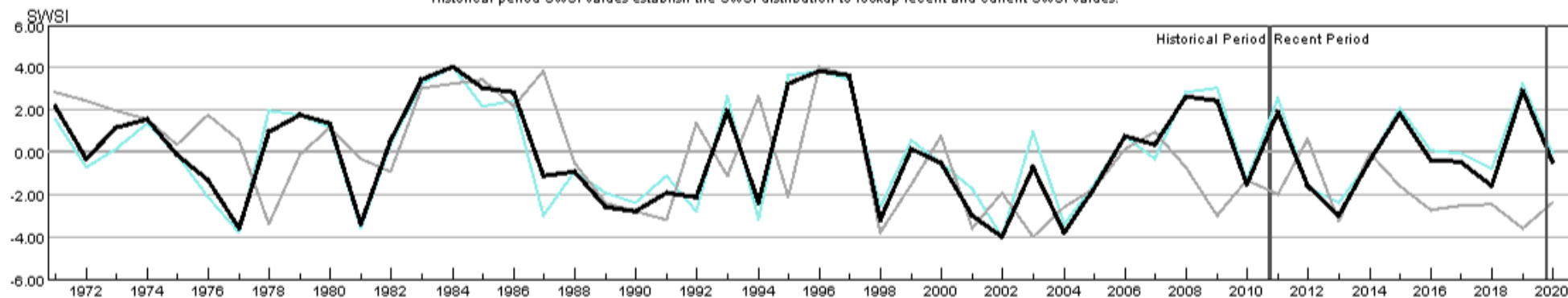
Monthly component volumes



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

HUC 14010002 (Blue) SWSI Values - JAN

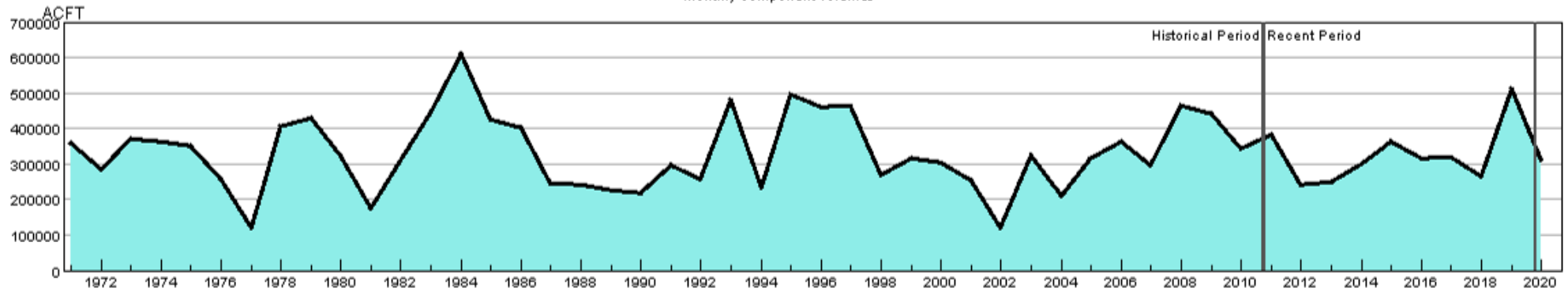
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14010003 (Eagle) Surface Water Supply - JAN

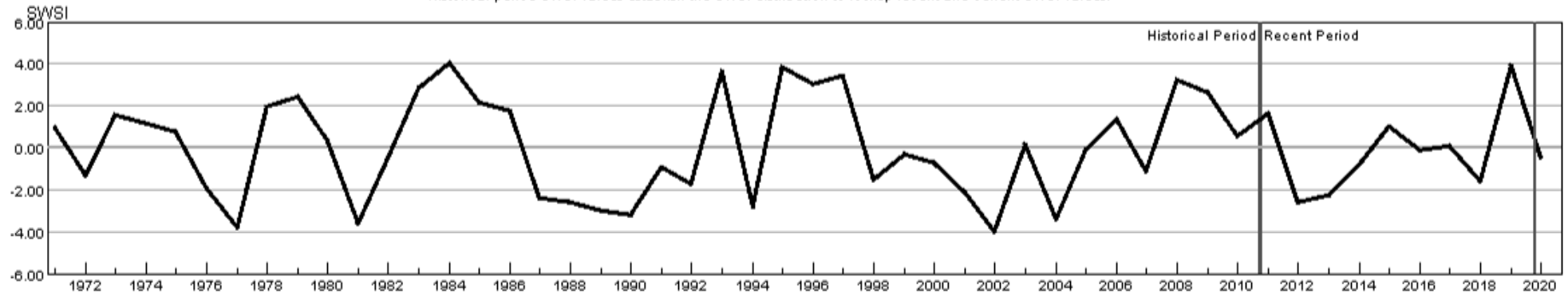
Monthly component volumes



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

HUC 14010003 (Eagle) SWSI Values - JAN

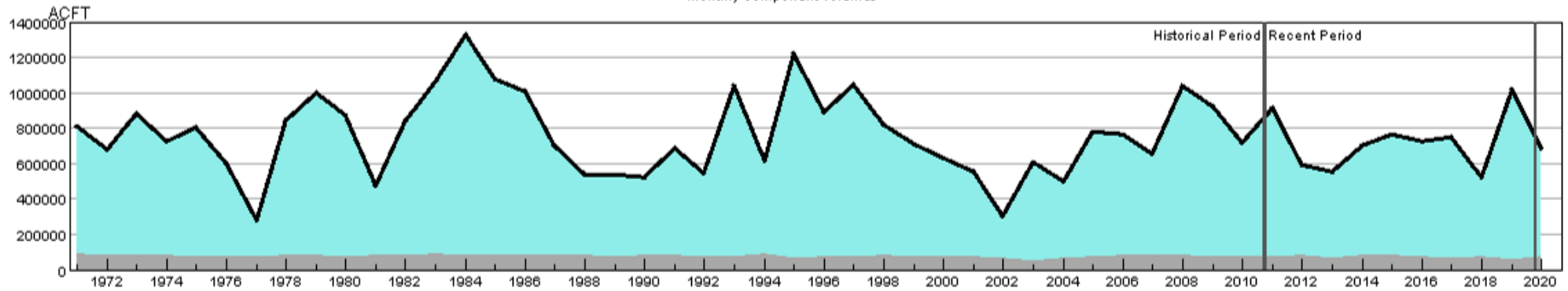
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14010004 (Roaring Fork) Surface Water Supply - JAN

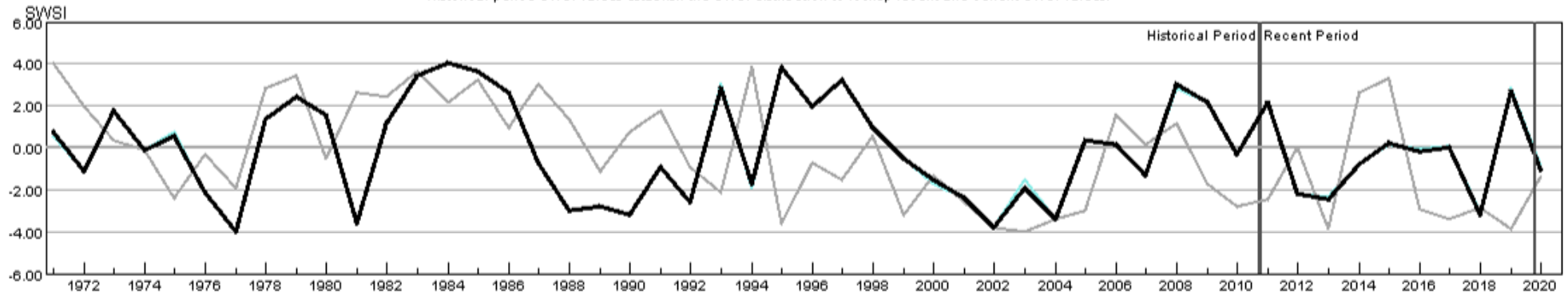
Monthly component volumes



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

HUC 14010004 (Roaring Fork) SWSI Values - JAN

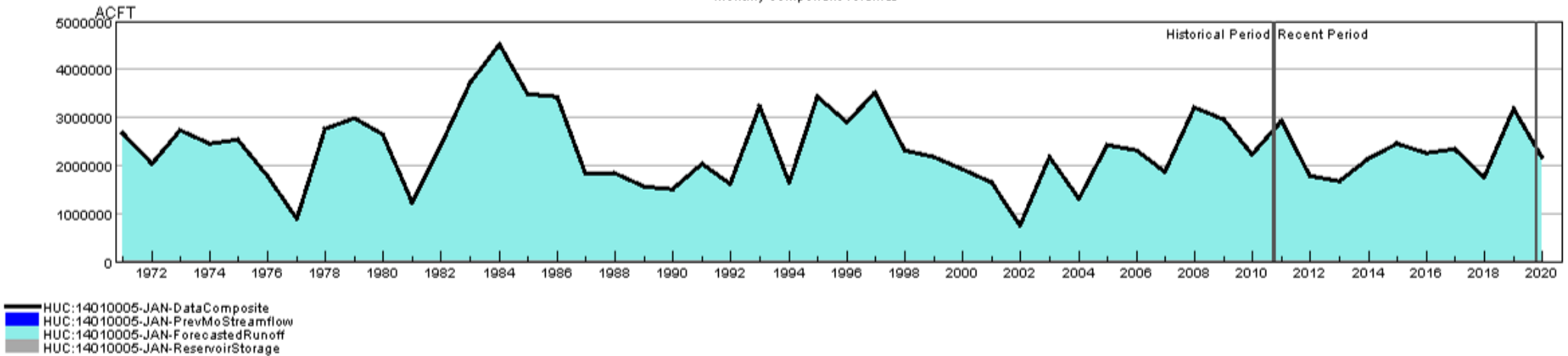
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

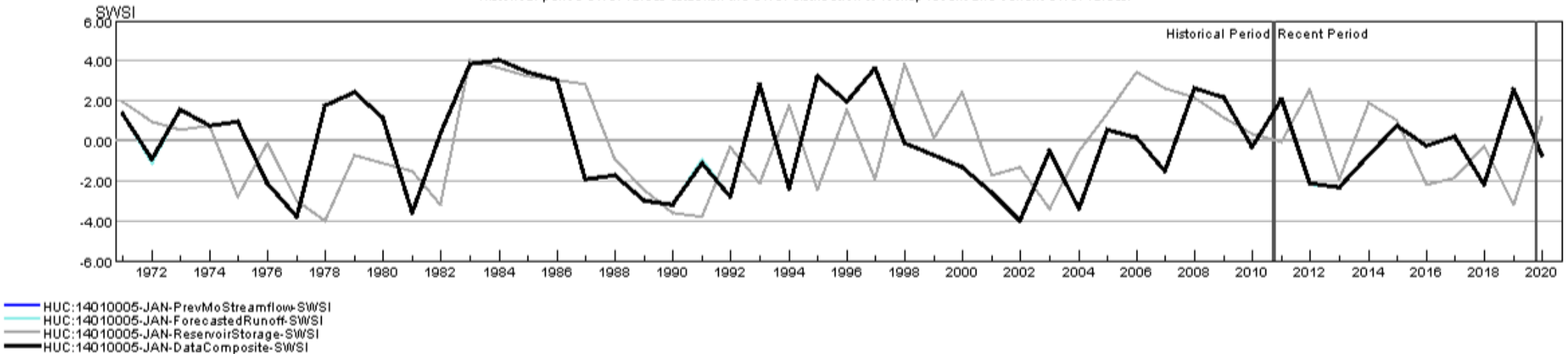
HUC 14010005 (Colorado Headwaters-Plateau) Surface Water Supply - JAN

Monthly component volumes



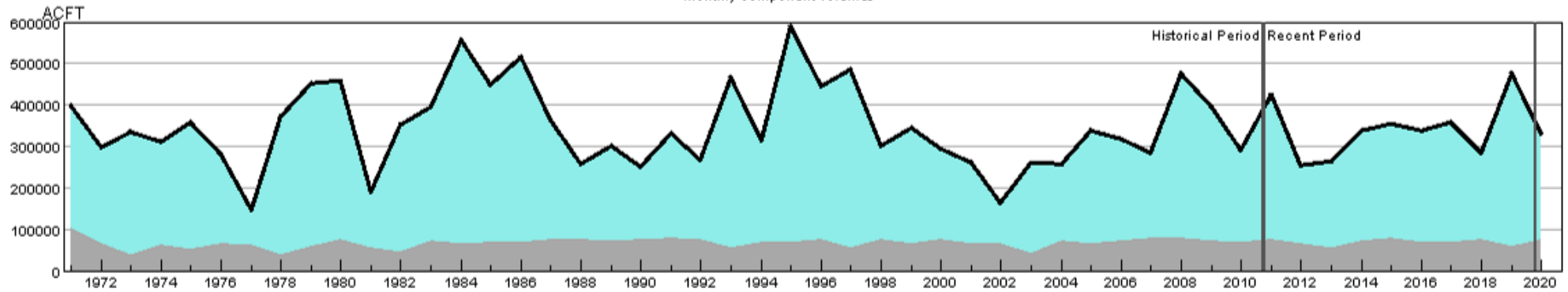
HUC 14010005 (Colorado Headwaters-Plateau) SWSI Values - JAN

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



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

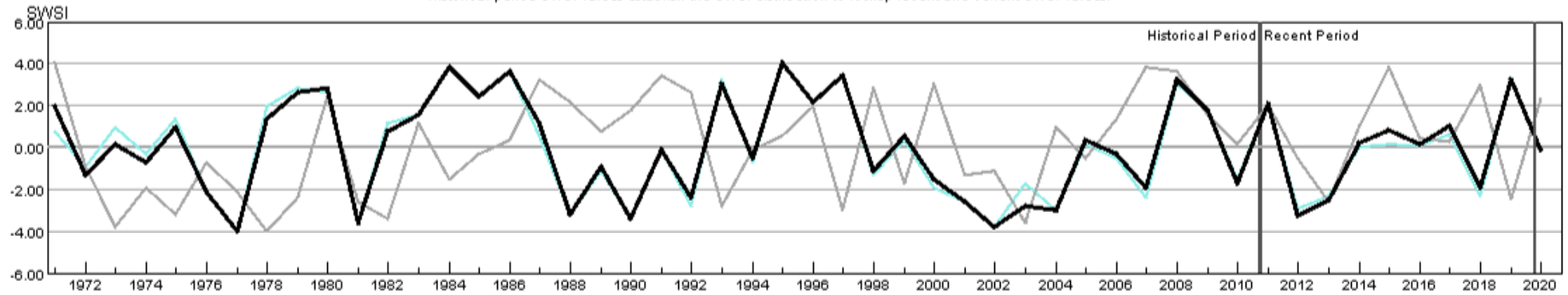
Monthly component volumes



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

HUC 14020001 (East-Taylor) SWSI Values - JAN

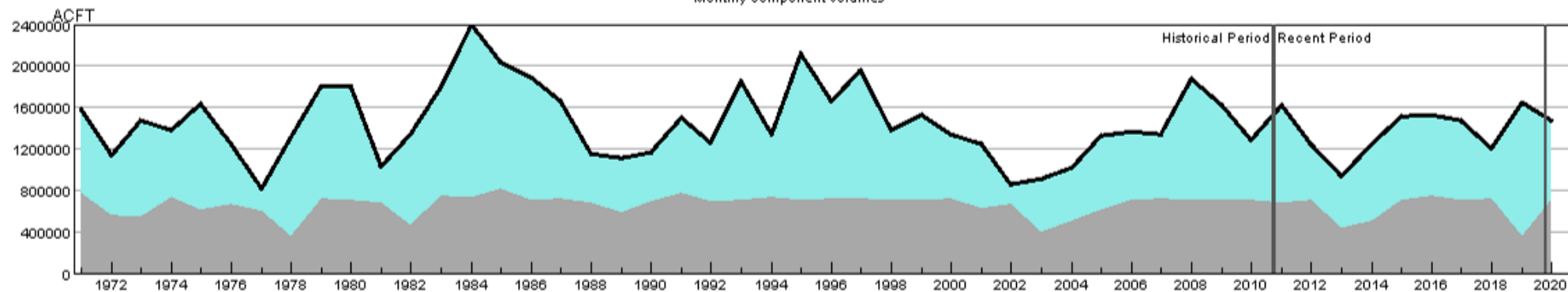
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14020002 (Upper Gunnison) Surface Water Supply - JAN

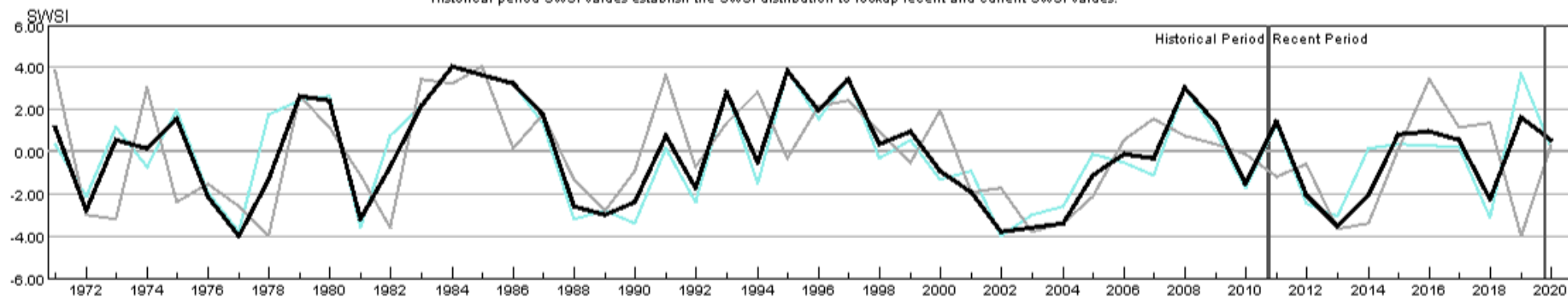
Monthly component volumes



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

HUC 14020002 (Upper Gunnison) SWSI Values - JAN

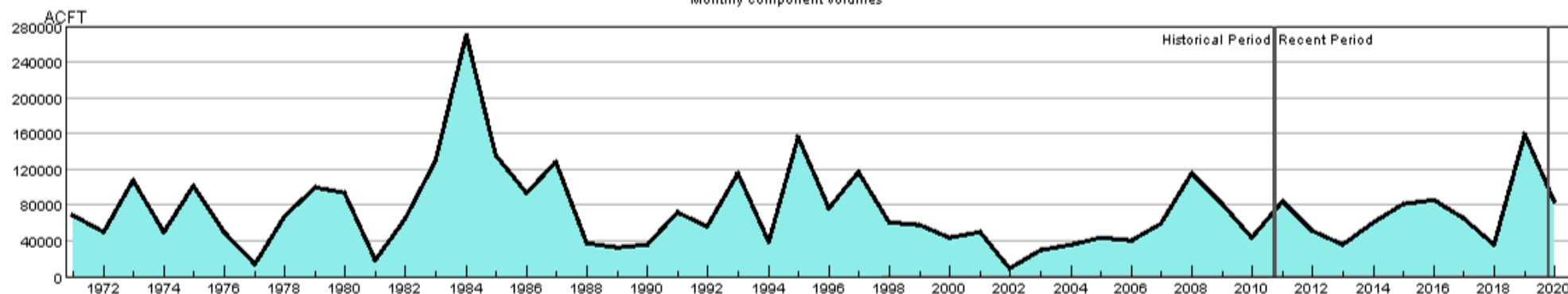
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14020003 (Tomichi) Surface Water Supply - JAN

Monthly component volumes



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

HUC 14020003 (Tomichi) SWSI Values - JAN

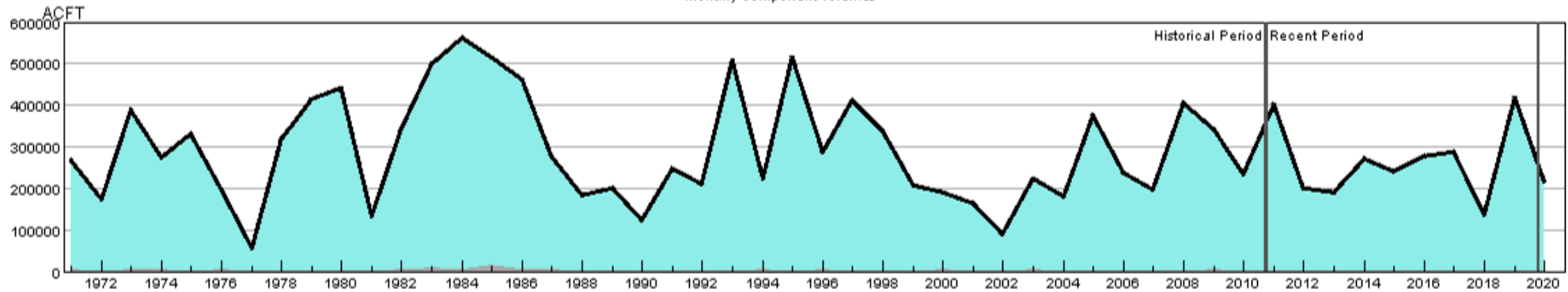
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

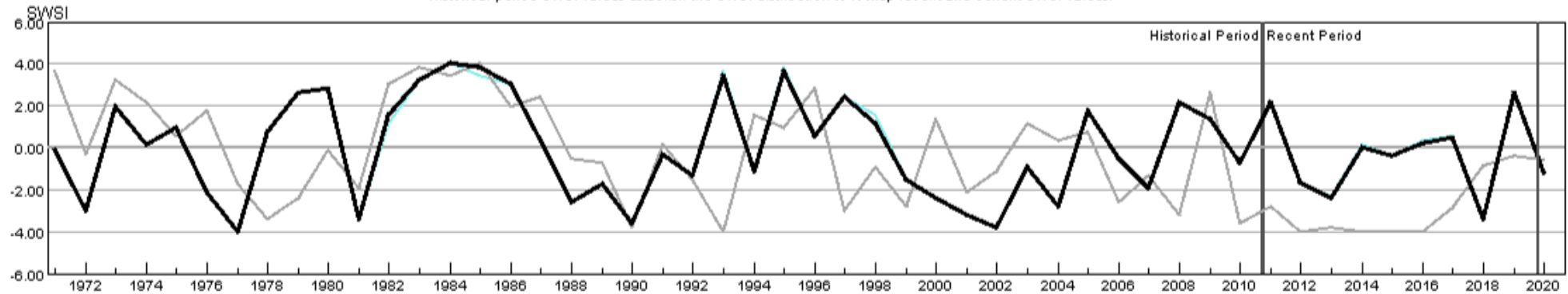
Monthly component volumes



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

HUC 14020004 (North Fork Gunnison) SWSI Values - JAN

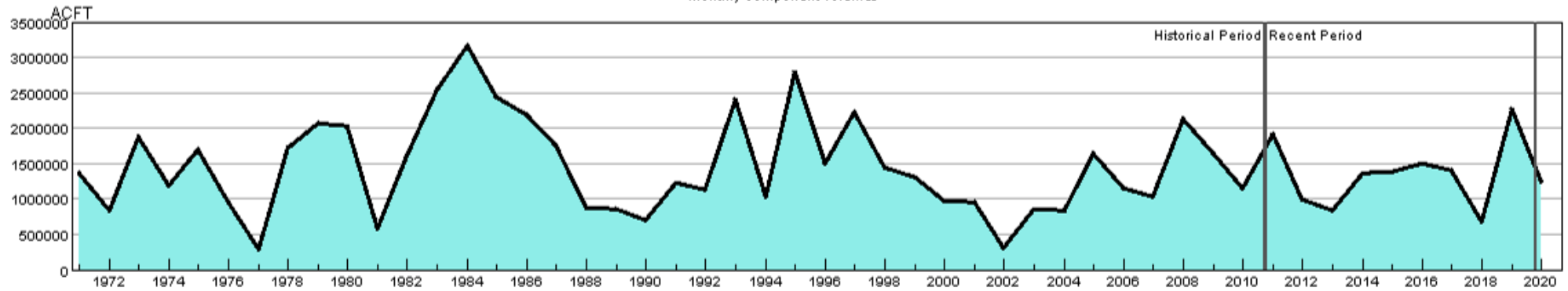
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14020005 (Lower Gunnison) Surface Water Supply - JAN

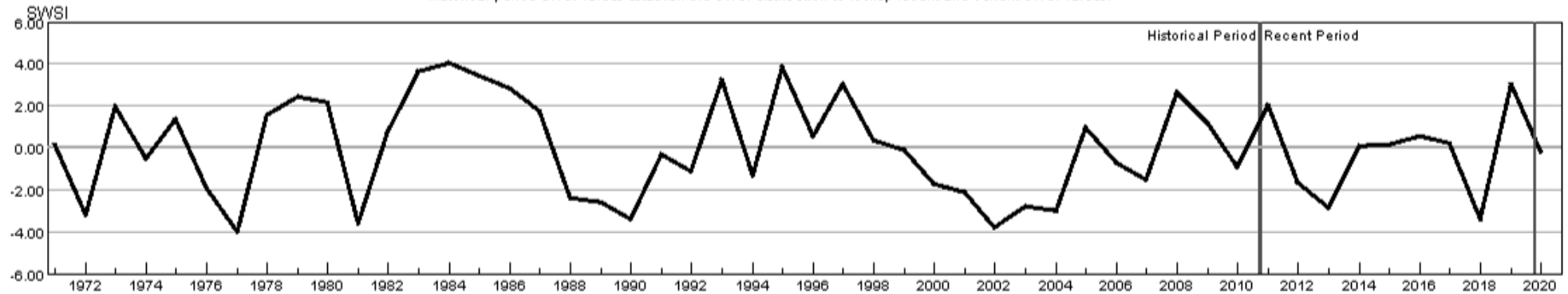
Monthly component volumes



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

HUC 14020005 (Lower Gunnison) SWSI Values - JAN

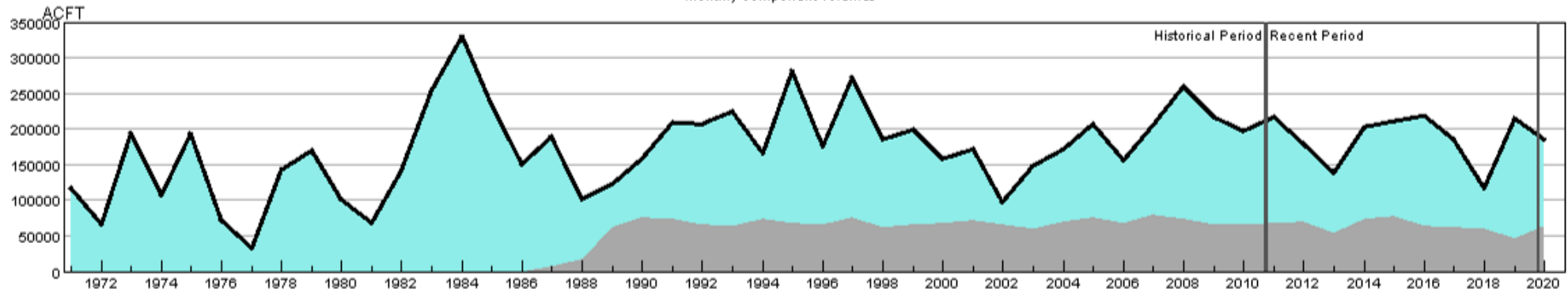
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14020006 (Uncompahgre) Surface Water Supply - JAN

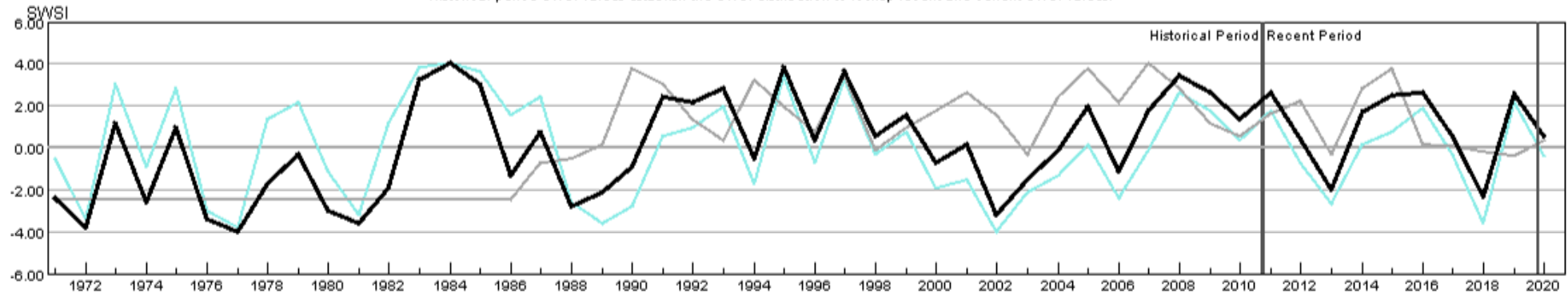
Monthly component volumes



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

HUC 14020006 (Uncompahgre) SWSI Values - JAN

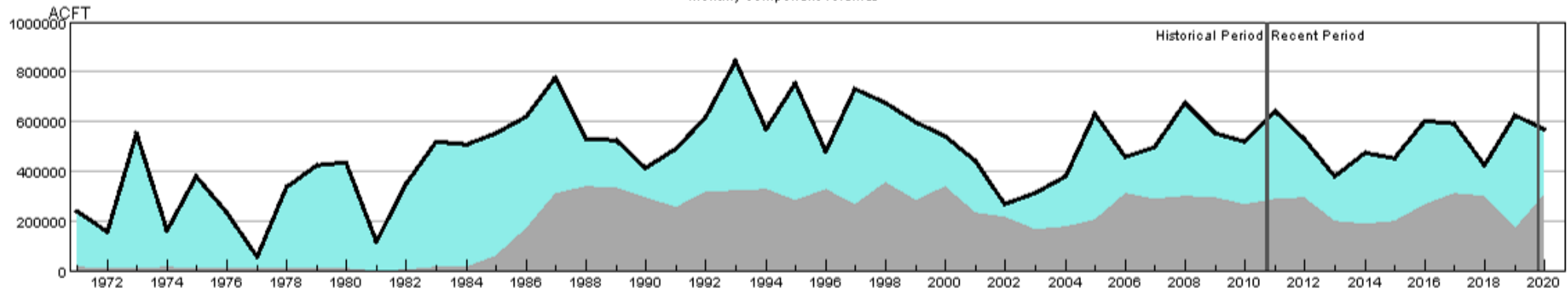
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14030002 (Upper Dolores) Surface Water Supply - JAN

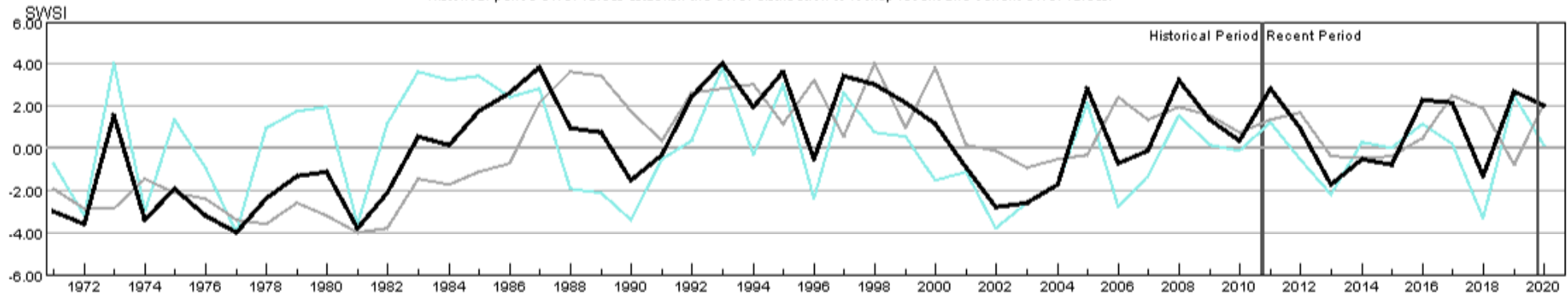
Monthly component volumes



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

HUC 14030002 (Upper Dolores) SWSI Values - JAN

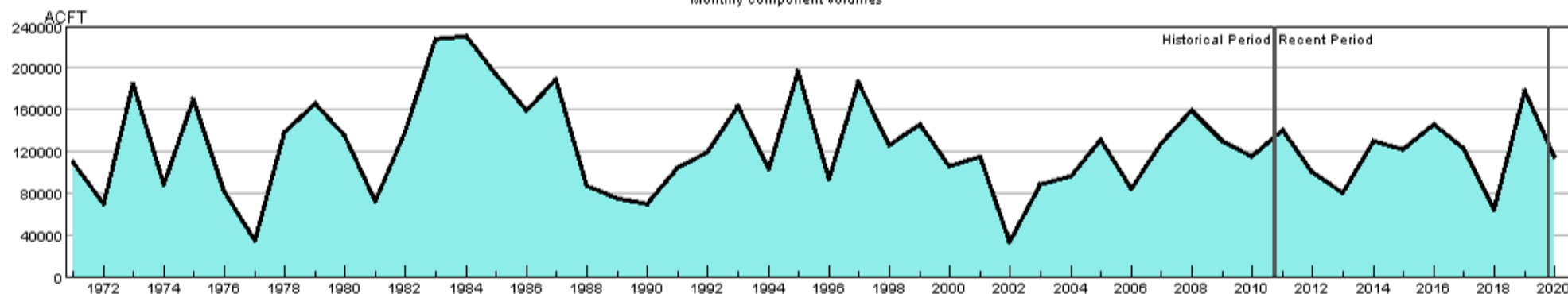
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14030003 (San Miguel) Surface Water Supply - JAN

Monthly component volumes



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

HUC 14030003 (San Miguel) SWSI Values - JAN

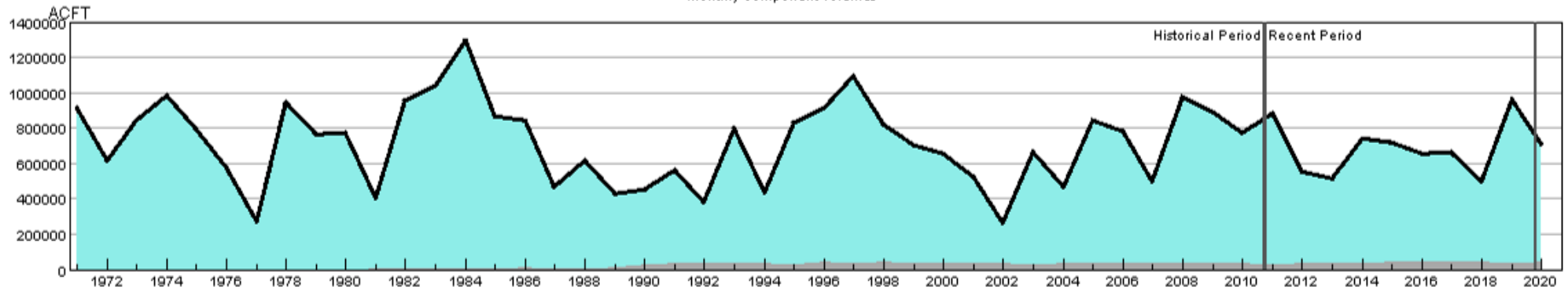
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14050001 (Upper Yampa) Surface Water Supply - JAN

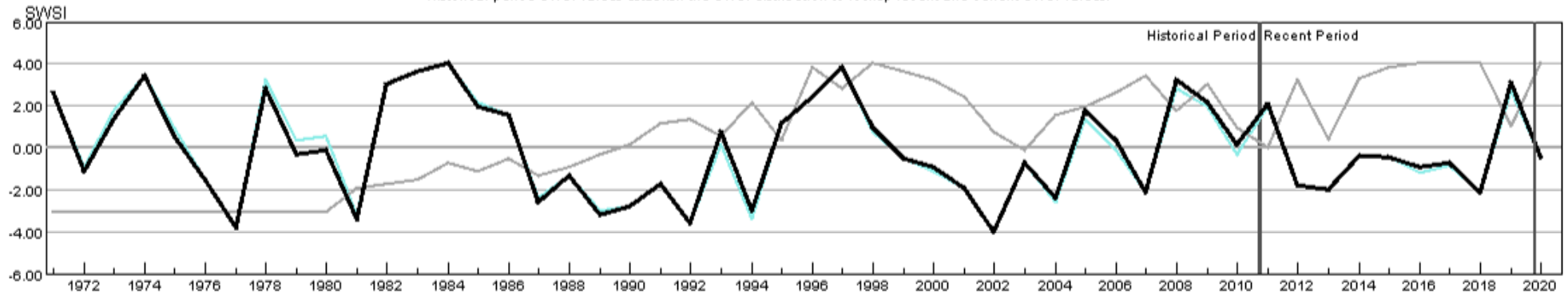
Monthly component volumes



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

HUC 14050001 (Upper Yampa) SWSI Values - JAN

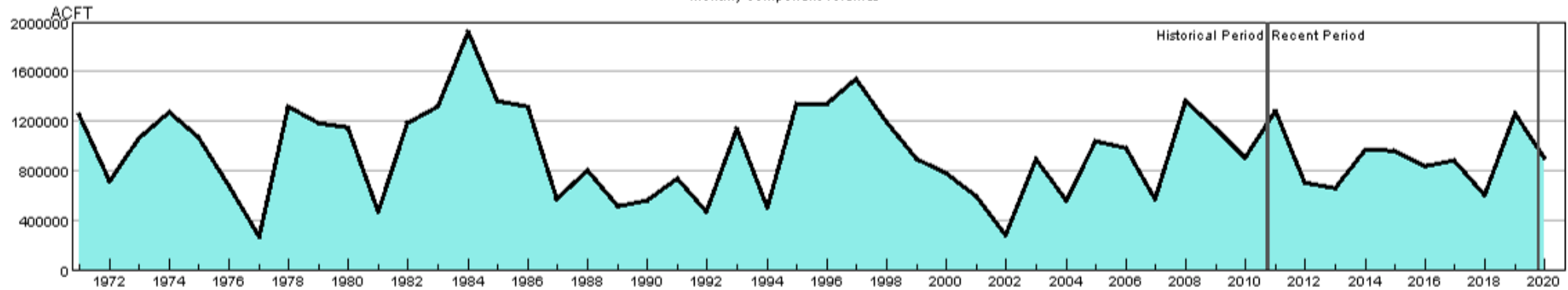
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14050002 (Lower Yampa) Surface Water Supply - JAN

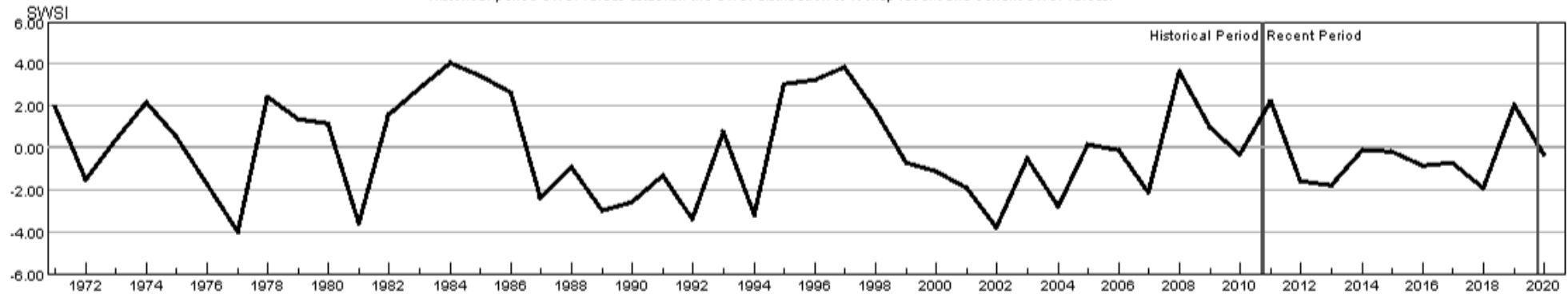
Monthly component volumes



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

HUC 14050002 (Lower Yampa) SWSI Values - JAN

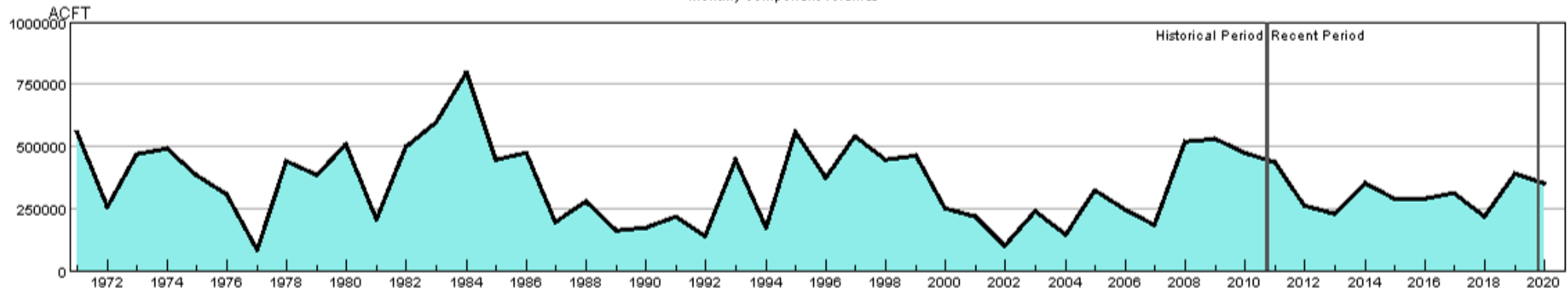
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14050003 (Little Snake) Surface Water Supply - JAN

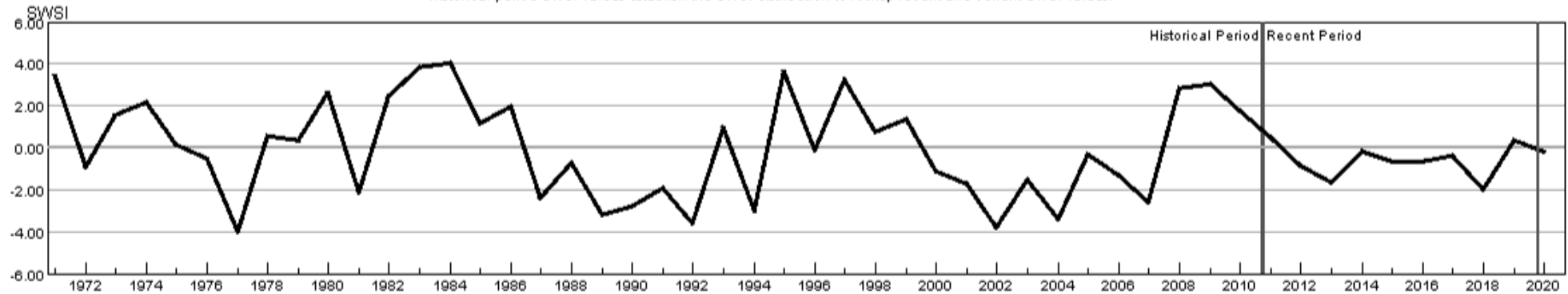
Monthly component volumes



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

HUC 14050003 (Little Snake) SWSI Values - JAN

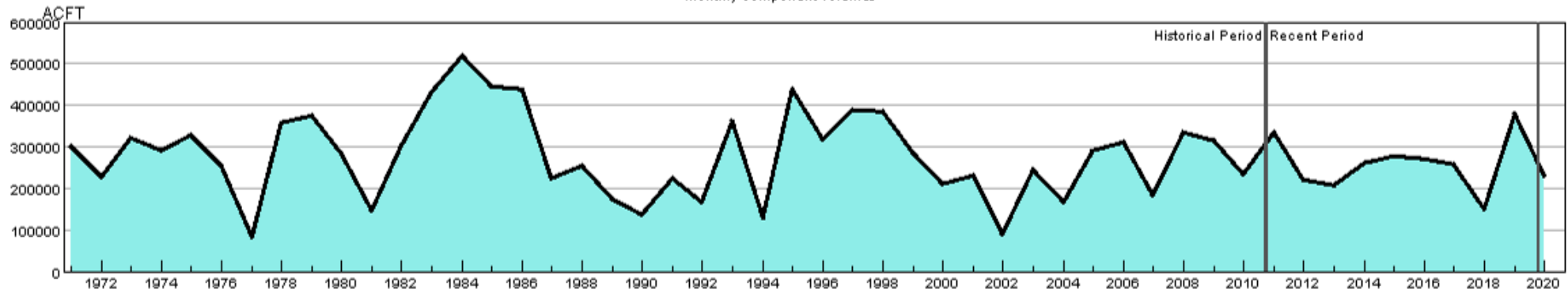
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14050005 (Upper White) Surface Water Supply - JAN

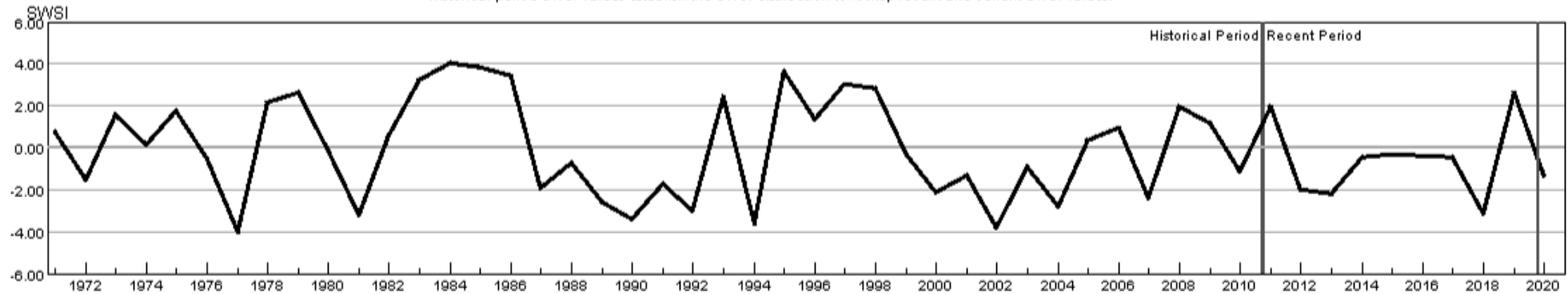
Monthly component volumes



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

HUC 14050005 (Upper White) SWSI Values - JAN

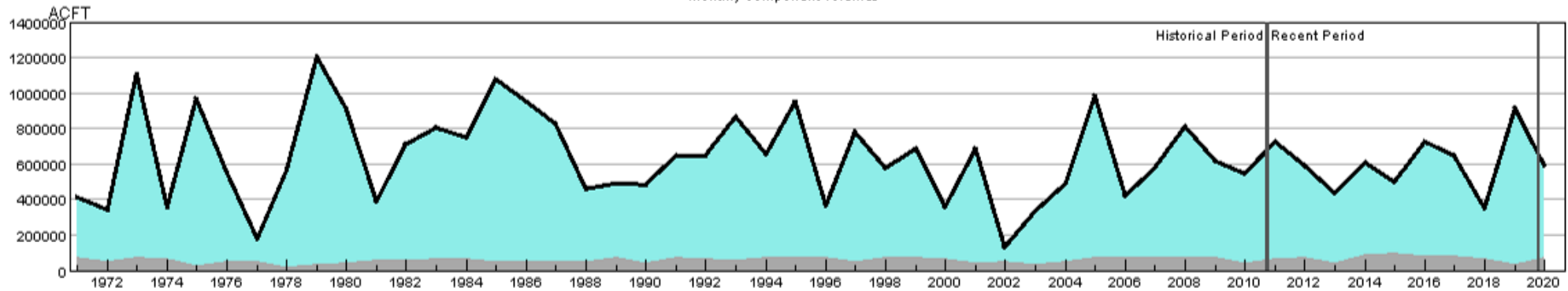
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

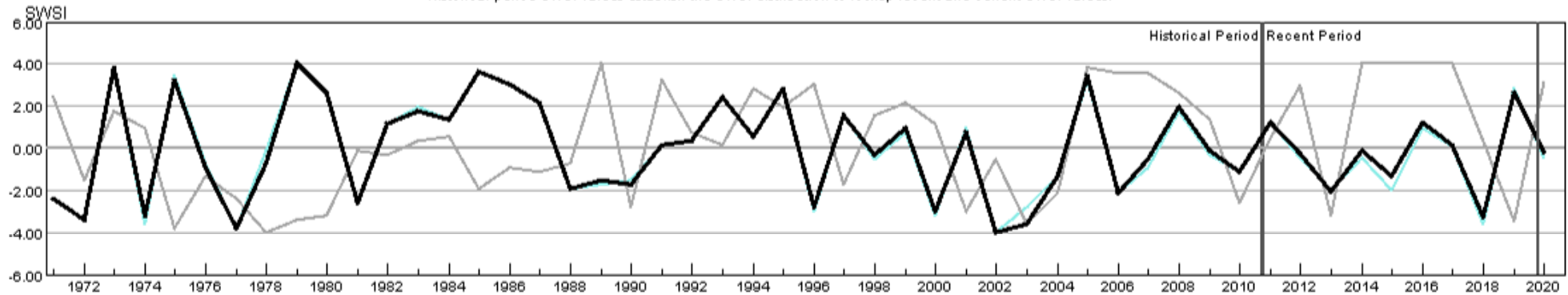
Monthly component volumes



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

HUC 14080101 (Upper San Juan) SWSI Values - JAN

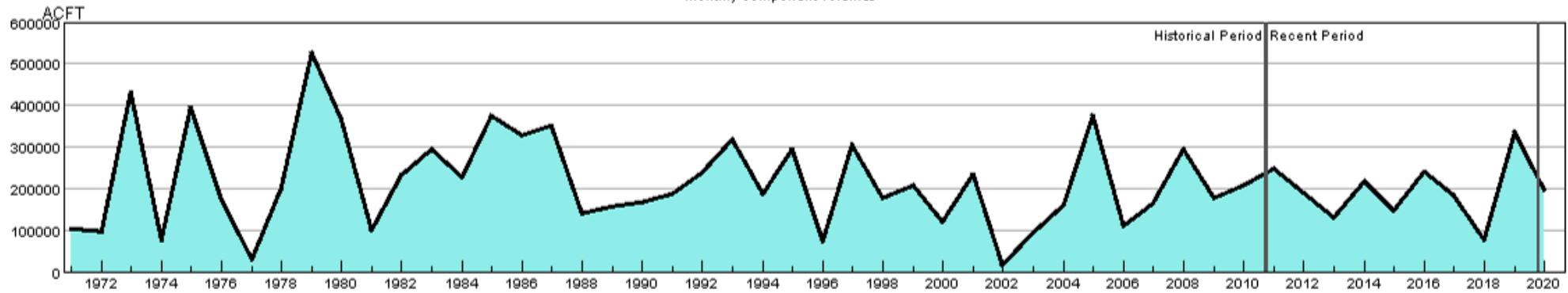
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14080102 (Piedra) Surface Water Supply - JAN

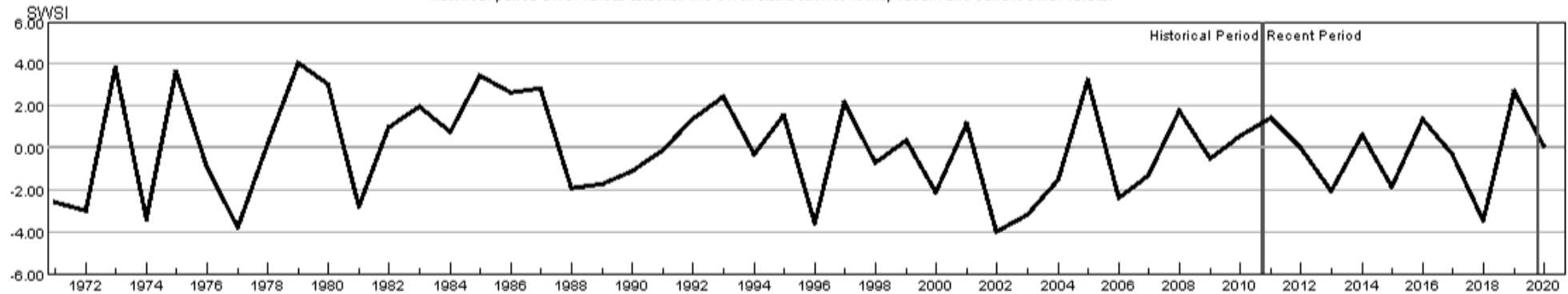
Monthly component volumes



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

HUC 14080102 (Piedra) SWSI Values - JAN

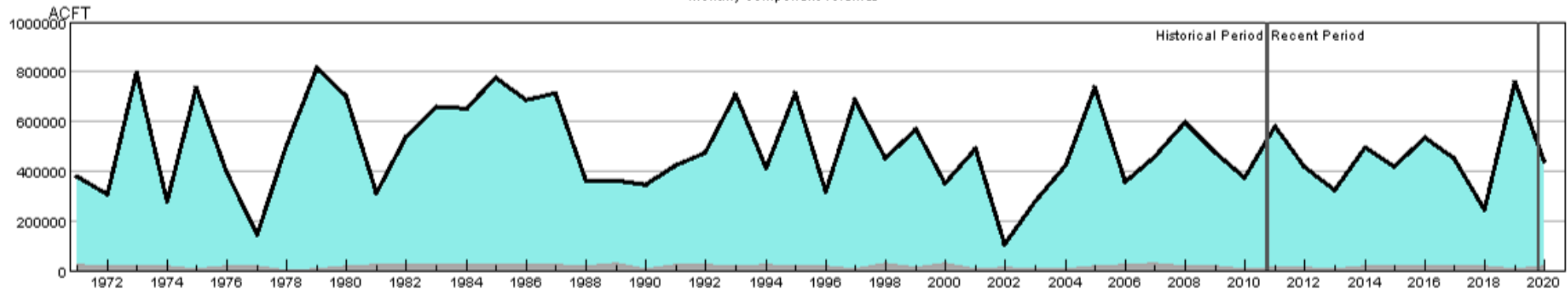
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

HUC 14080104 (Animas) Surface Water Supply - JAN

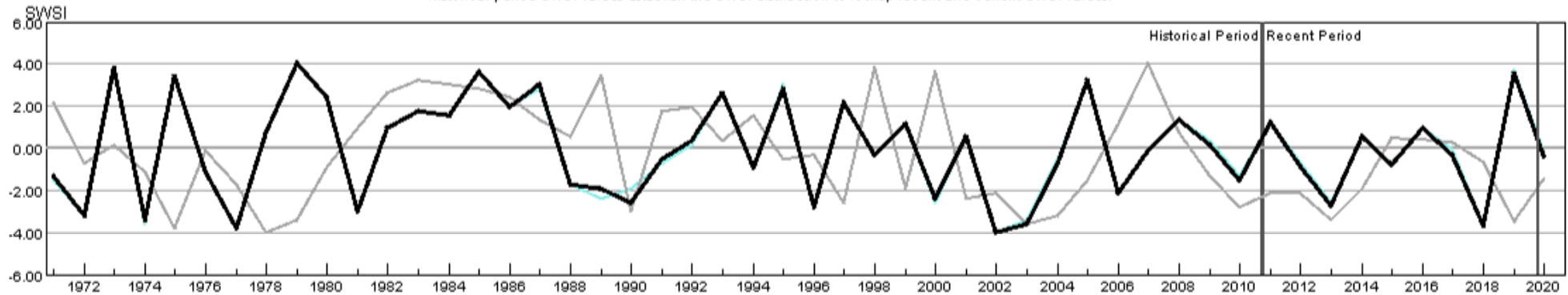
Monthly component volumes



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

HUC 14080104 (Animas) SWSI Values - JAN

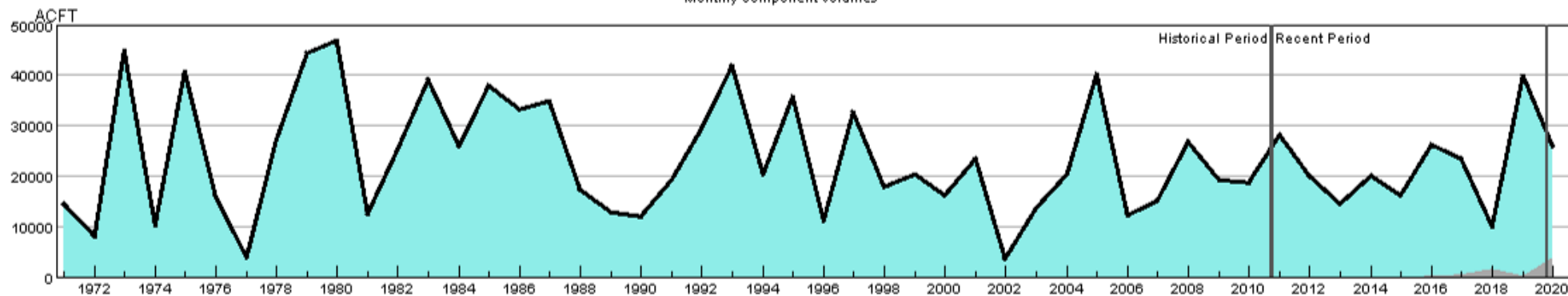
Historical period SWSI values establish the SWSI distribution to lookup recent and current SWSI values.



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

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

Monthly component volumes



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

HUC 14080105 (Middle San Juan) SWSI Values - JAN

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



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