

Dynamic Position Analysis for December 1, 2020

SFWMM Model Simulation of 41 years (1965-2005)

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December 1, 2020

Dynamic Position Analysis

Using Hybrid LOWSM

Modeling Assumptions

- December 1, 2020 DPA is based on regular Position Analysis applying V6.7.4 of the SFWMM, and assuming the current Lake Okeechobee Net Inflow Outlook (LONINO) for each year simulated. It is based on historical climatic conditions spanning the period 1965-2005
- The model is reinitialized November 1st of each year
- The Lake Okeechobee operations follow the Lake Okeechobee Regulation Schedule (LORS2008). Modeling assumptions consistent with modeling performed for LORS-2008 Supplemental, Environmental Impact Statement (SEIS).
- LOK Temporary Forward Pump operations will be in place, whenever necessary, to improve water supply deliveries from the Lake under low Lake stages.
- STAs reflect current operational conditions
- Lake Okeechobee Water Shortage Management (LOWSM) is included in the simulation which reflects the currently approved 40E-21 and 40E-22 water shortage rules.
- Water supply restrictions simulated for the urban areas reflect current District water shortage management policies.
- Wet and Dry years selected by examining all years and choosing the wettest or driest years in both near and far-term.

Lake Okeechobee Water Shortage Triggering Line										
01/01	03/31	04/30	05/30	05/31	09/30	10/01	10/31	11/30	12/31	
12.15	11.70	10.95	10.50	10.50	13.00	13.00	12.80	12.40	12.16	

- La Niña conditions are present and likely to continue through winter (~95% chance).
- ENSO (El Niño Southern Oscillation) years (El Niño, La Niña and ENSO Neutral) are selected by locating the current month as it falls in the middle of the 3-month average in the official ONI table from NOAA/CPC:

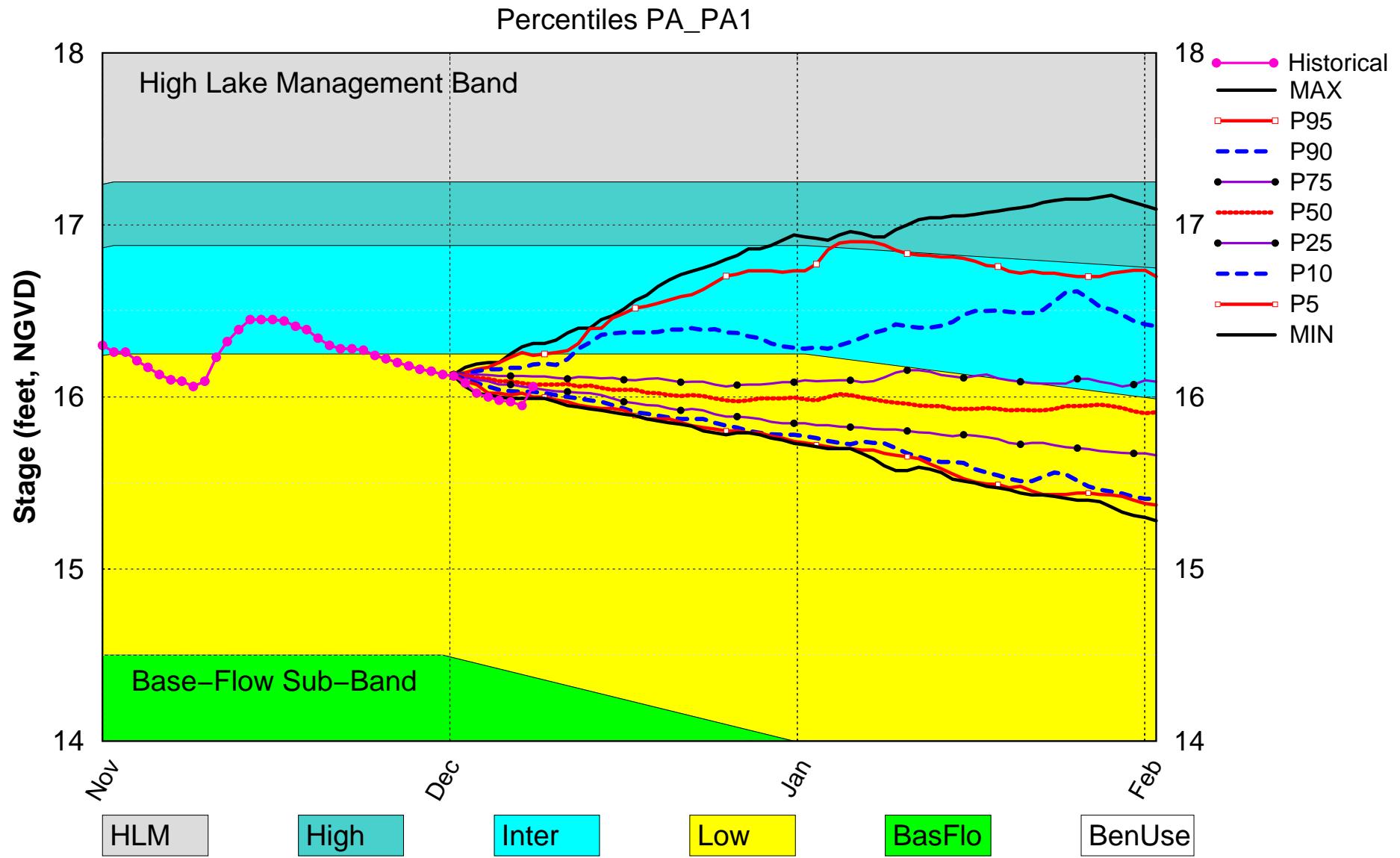
https://origin.cpc.ncep.noaa.gov/products/analysis_monitoring/ensostuff/ONI_v5.php

If the current month is within an official ENSO event (5 consecutive 3-month periods) then that year is considered an ENSO year for that month, these years are compiled ahead of the model simulations for all ENSO events within the period of record of the model simulation. Each month will have a different set of years. The strength of the ENSO event may vary among the selected years, and the DPA simulation of these years may show wide variability in modeled stages.

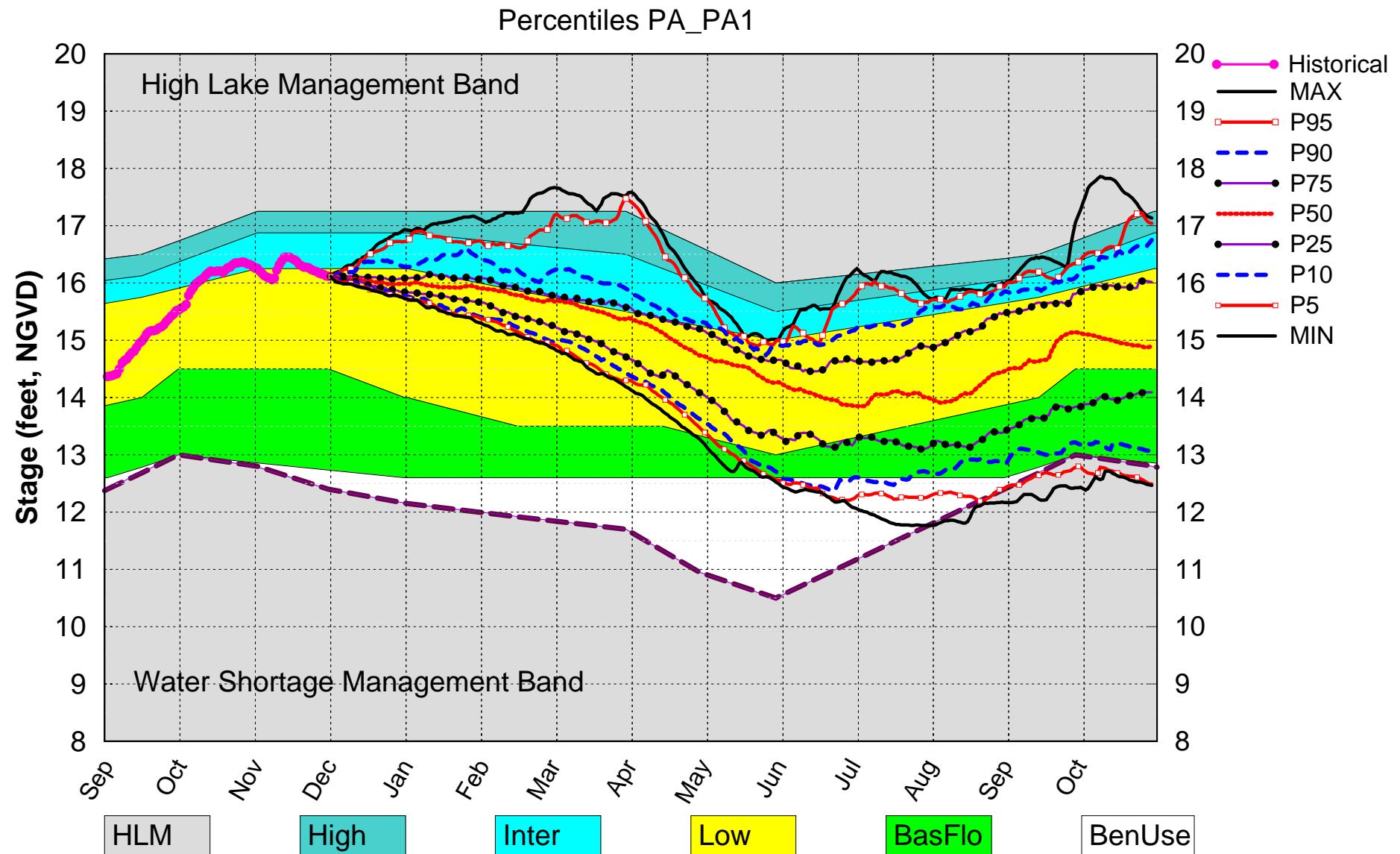
- S-65E inflows entering Lake Okeechobee in the SFWMM simulation were obtained by adding S-65 flows, obtained from the UK-OPS simulation in a PA mode, and local runoff contribution from the Lower Kissimmee, computed as the difference of S65E and S65 historical flows for the period 1965-2005. Runoff contribution on any given day of the current PA month is adjusted based on a correlation function of Palmer Drought Index, rainfall and historical flows.
- Back pumping of excess runoff from the EAA into Lake Okeechobee takes place only under flood control conditions (Interim Action Plan).
- Operations for structures in the SDCS are more consistent with Increment 1.1/1.2
- Temporary deviation of operations:
 1. L-29 Canal constraint of 8.5
 2. S-357 discharging to C-111SD Northern Detention Area
- WCA-3A was simulated using ERTP and not COP
- Information for the initial conditions can be viewed [here](#). Initial stages for specified canals are shown [here](#) and gages are shown [here](#).
- Please view the [Documentation for the SFWMM](#).

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Lake Okeechobee SFWMM Dec 2020 Position Analysis

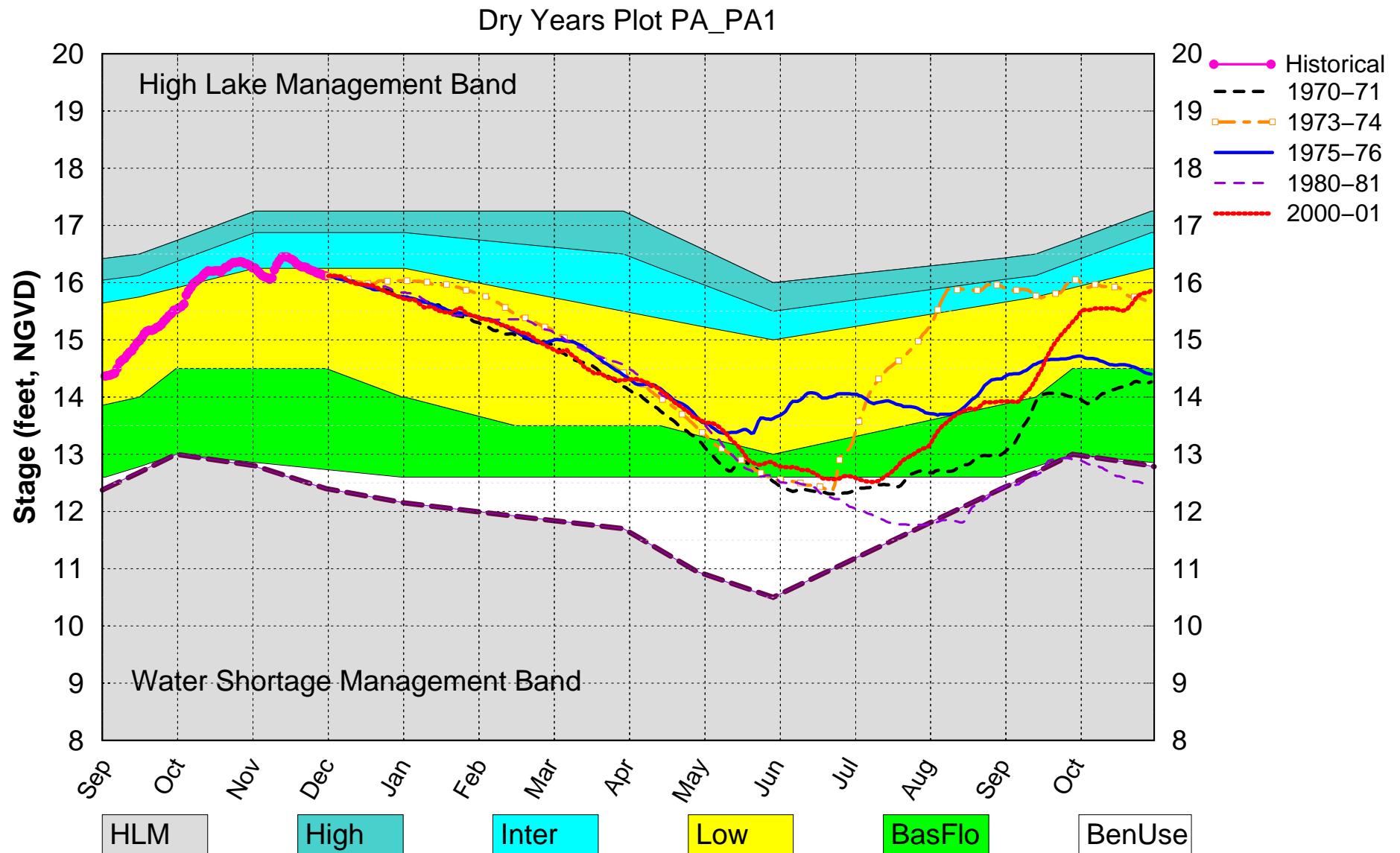


Lake Okeechobee SFWMM Dec 2020 Position Analysis



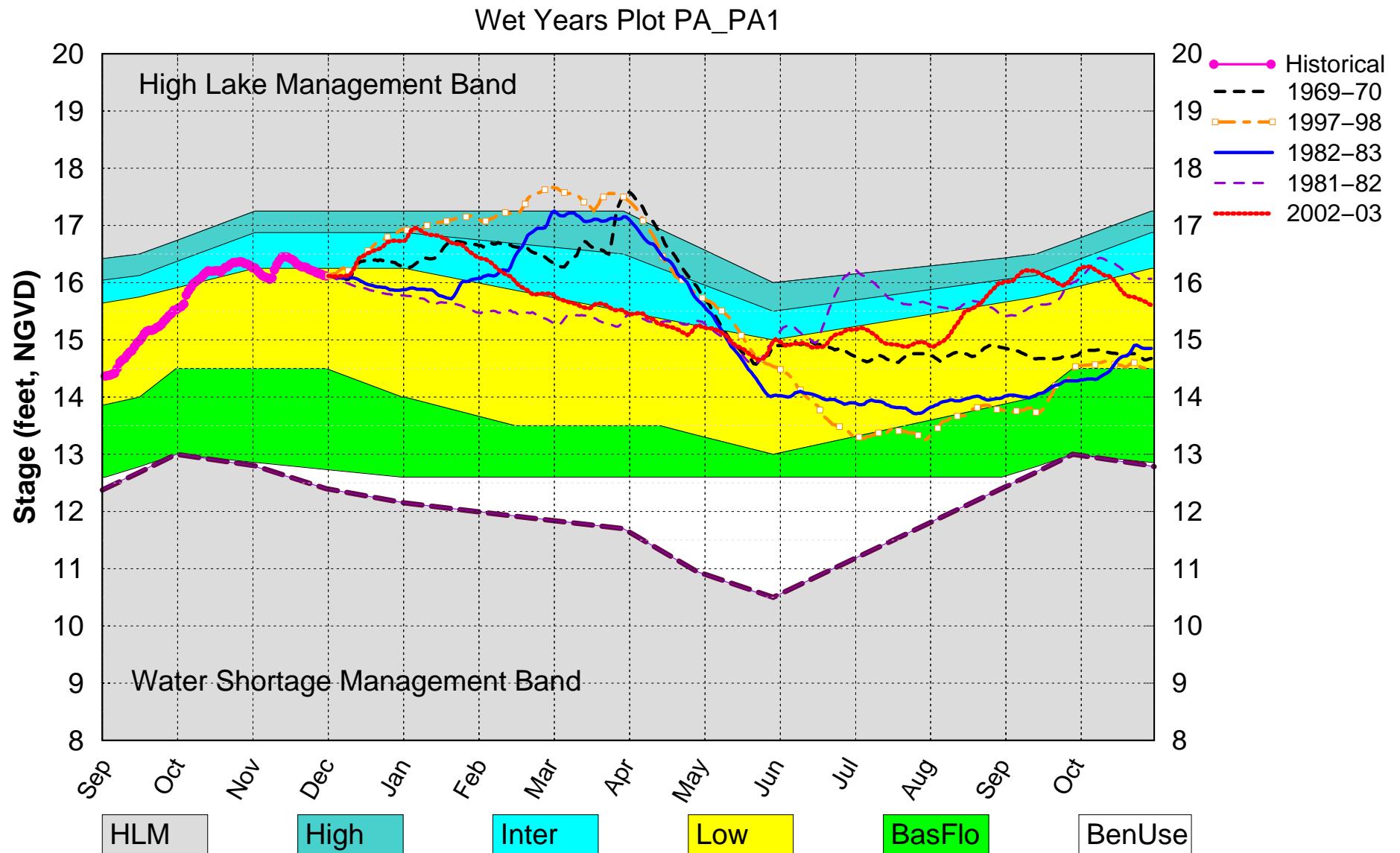
(See assumptions on the Position Analysis Results website)

Lake Okeechobee SFWMM Dec 2020 Position Analysis



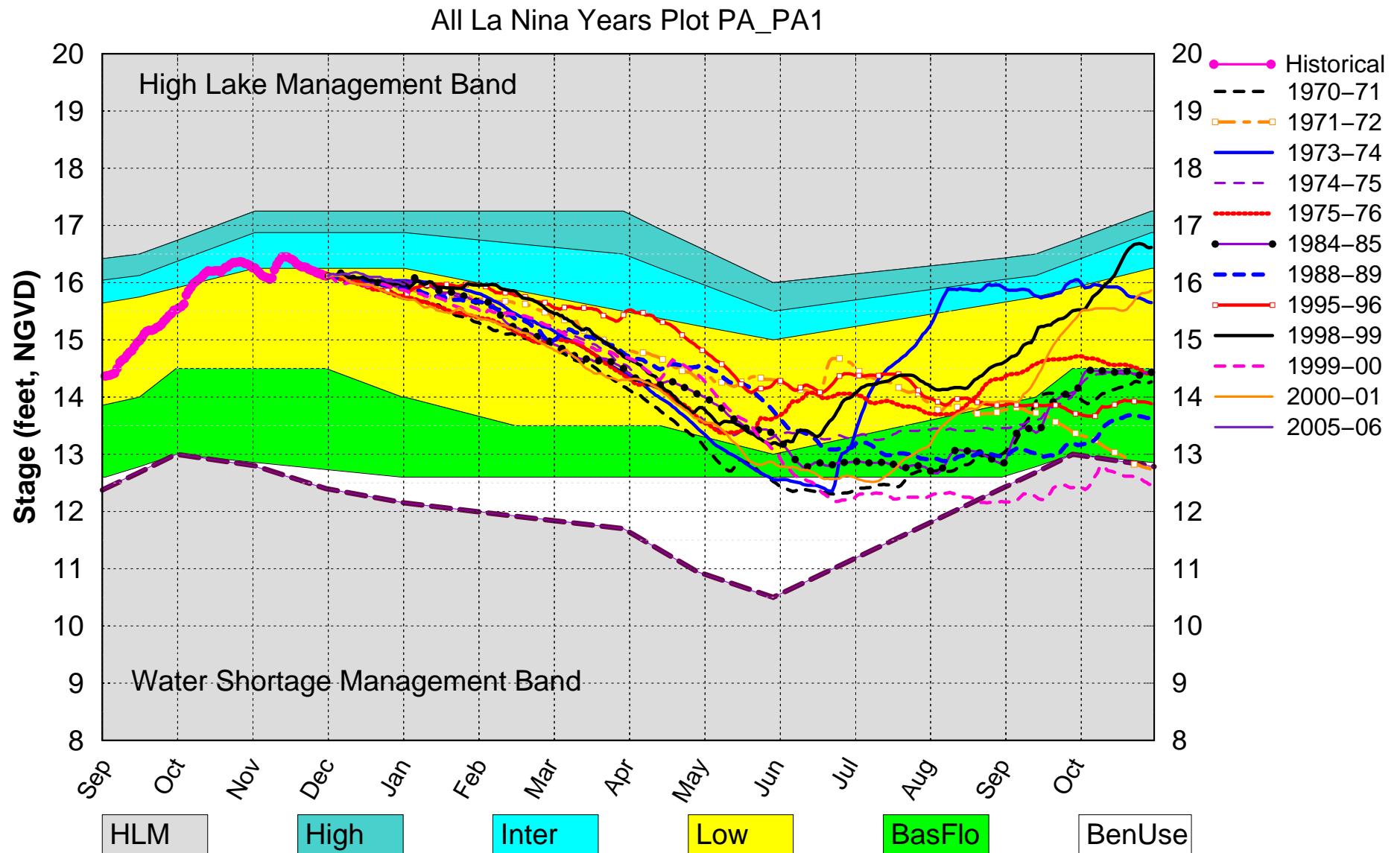
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Lake Okeechobee SFWMM Dec 2020 Position Analysis



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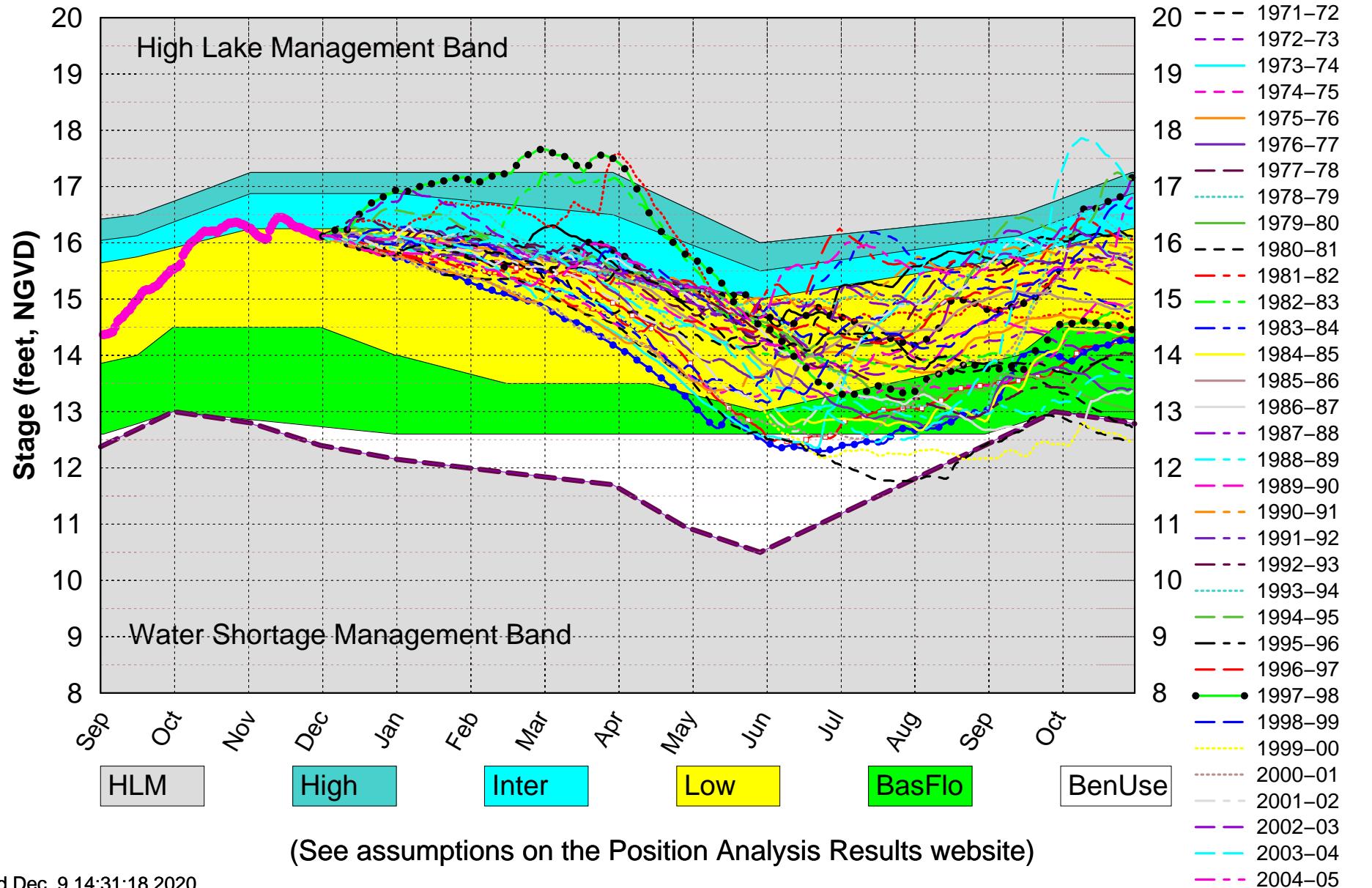
Lake Okeechobee SFWMM Dec 2020 Position Analysis



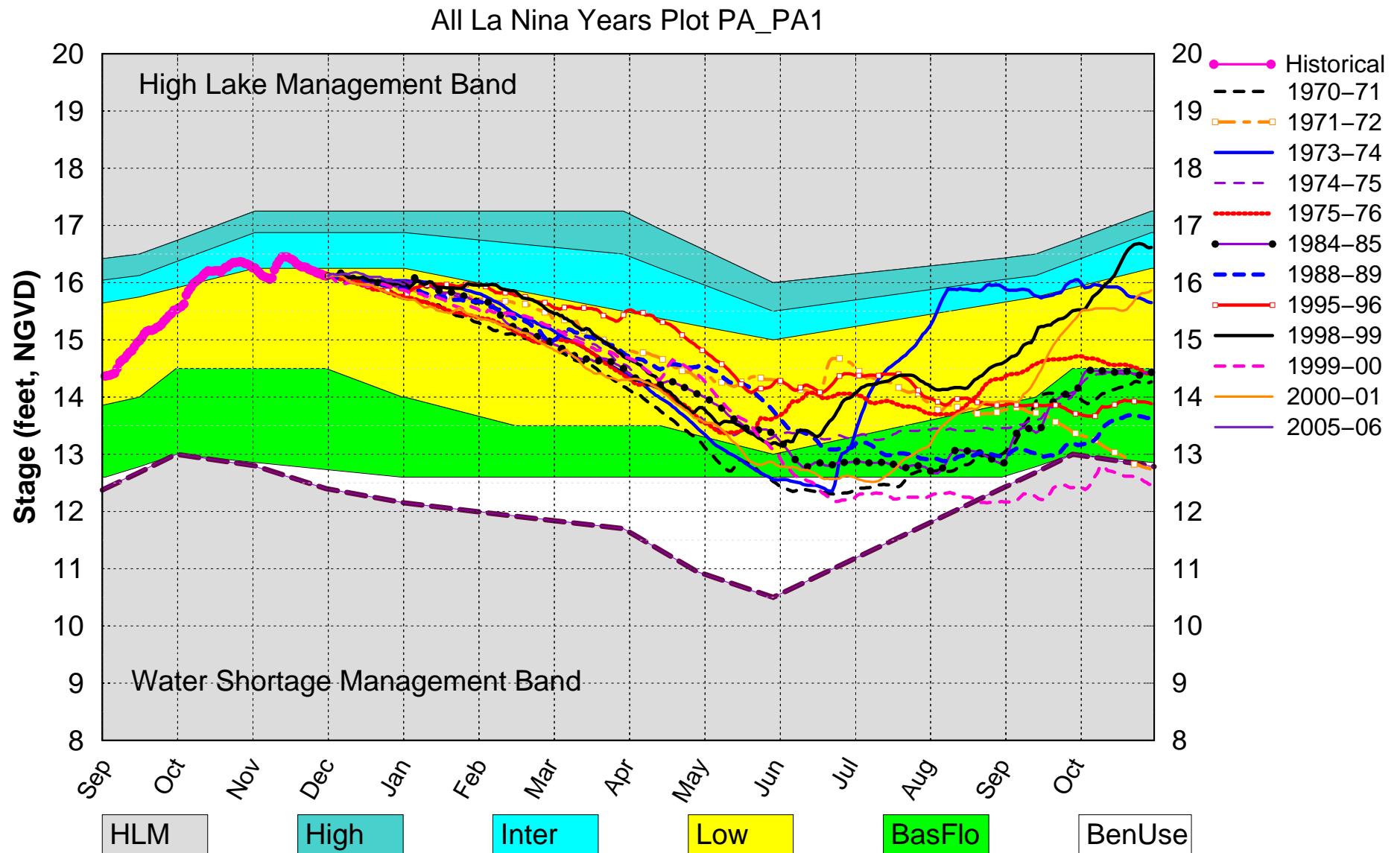
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Lake Okeechobee SFWMM Dec 2020 Position Analysis

All Simulated Years Plot PA_PA1



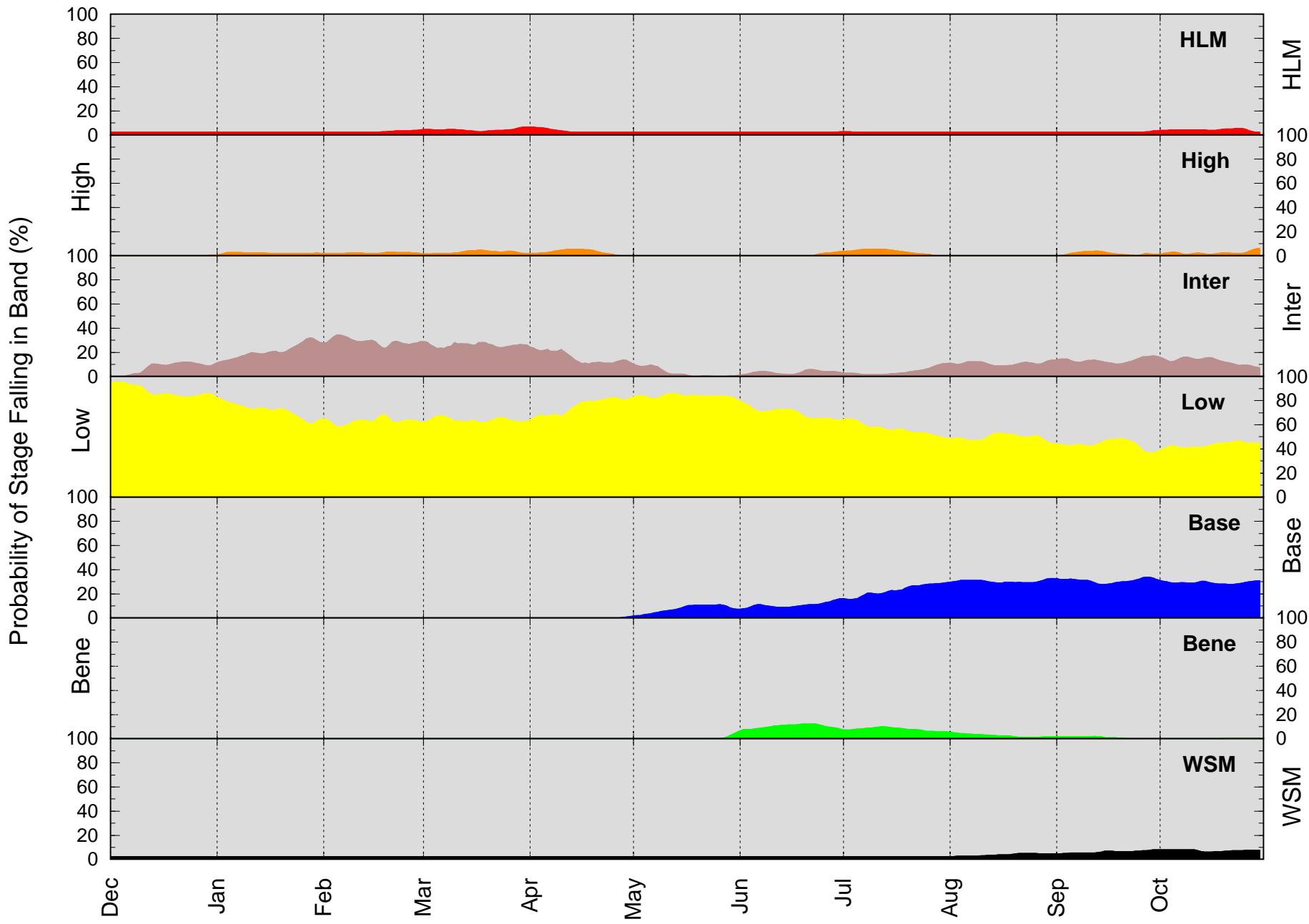
Lake Okeechobee SFWMM Dec 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

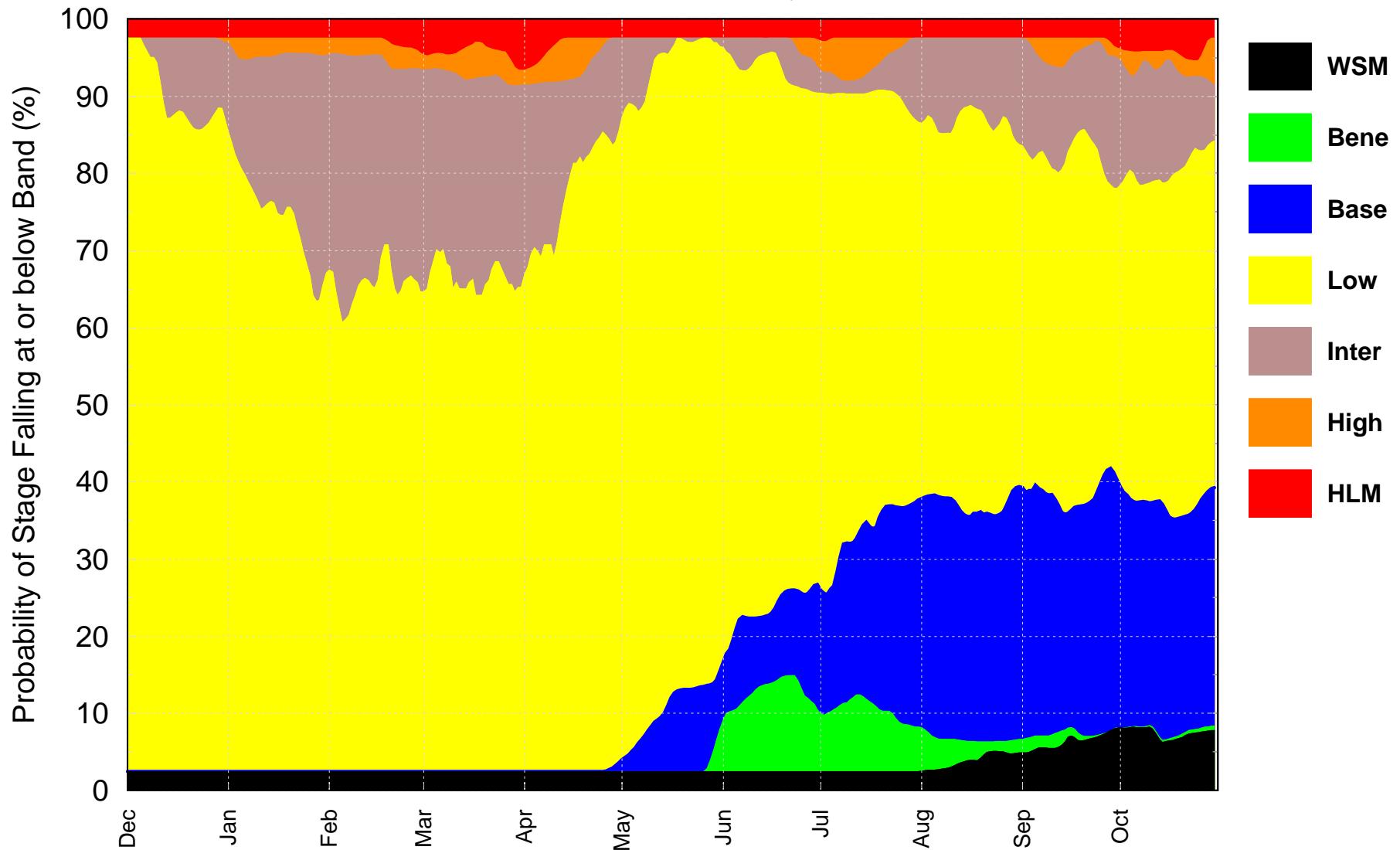
Lake Okeechobee – Band Probabilities

'(See assumptions on the Position Analysis Results website)'



Lake Okeechobee – Probabilities for Operational Bands

'(See assumptions on the Position Analysis Results website)'

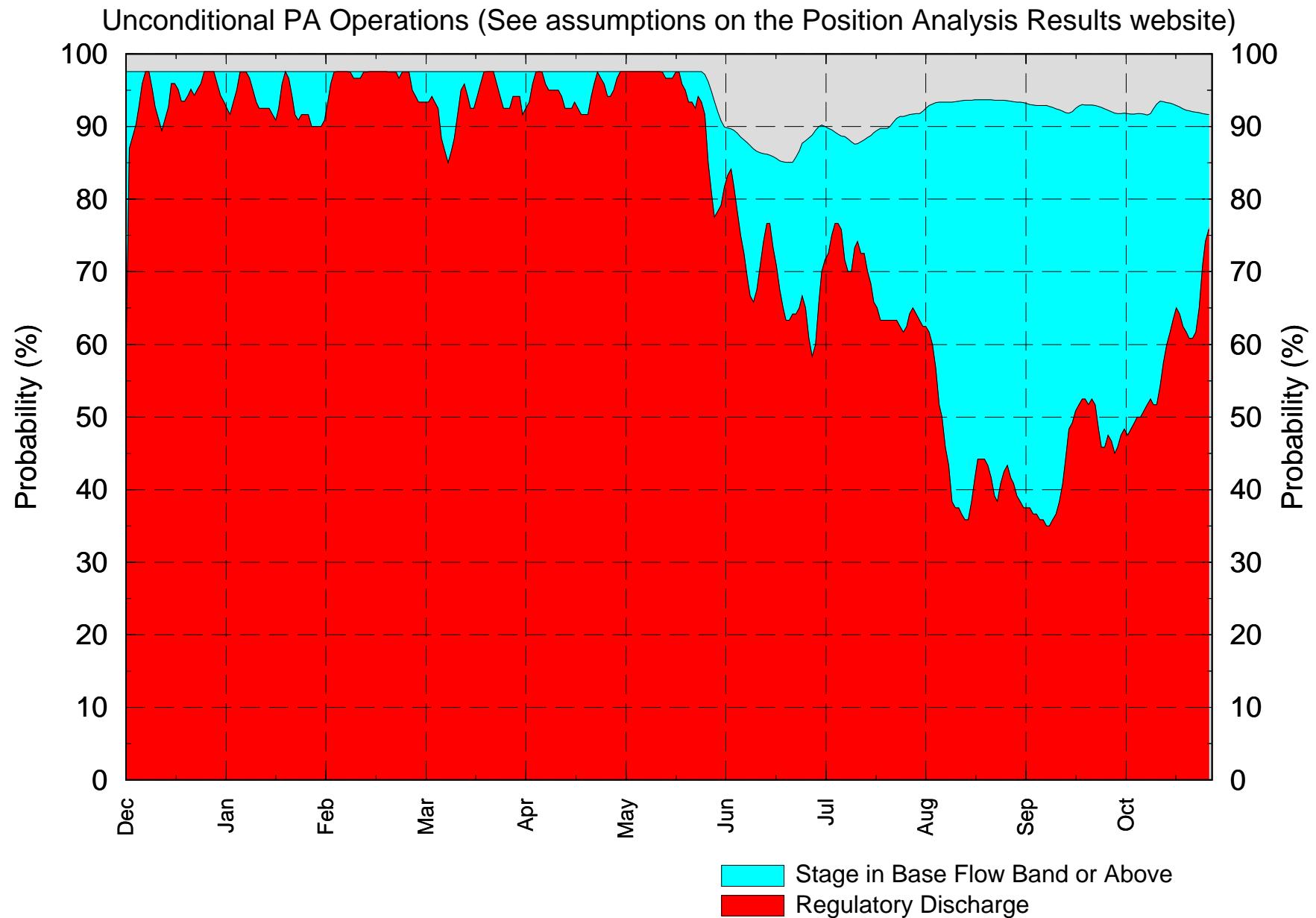


The width for each band gives the probability of stage falling in that band, as defined by the operational schedules.

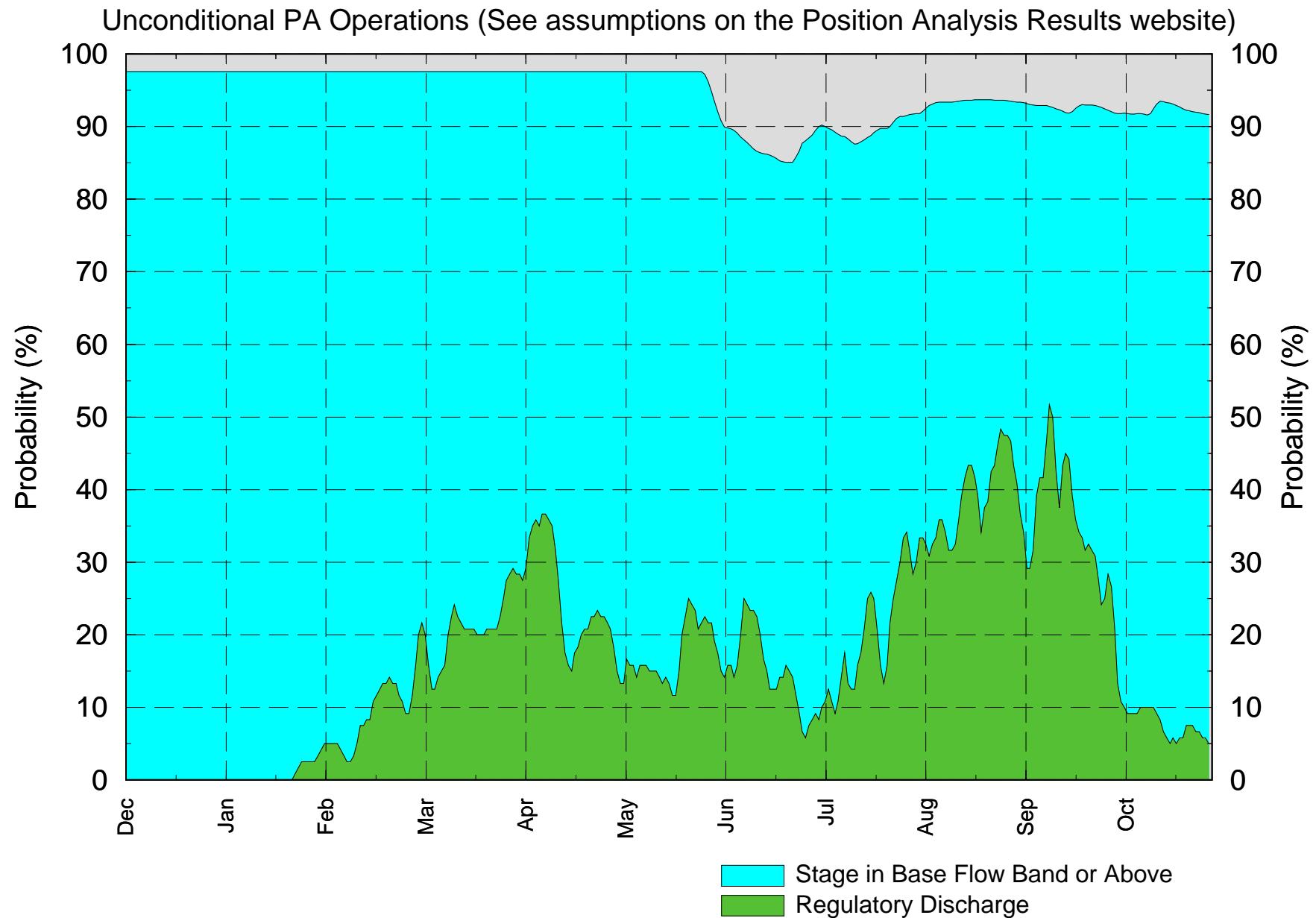
Lake Okeechobee Band Probabilities (%) at the Begining of Each Month
 '(See assumptions on the Position Analysis Results website)'
 Initial Stage 16.26 ft. for 11/01/2020

Date	HLM	High	Inter	Low	Base	Bene	WSM
2020 11 01	2.4	0.0	47.6	47.6	0.0	0.0	2.4
2020 12 01	2.4	0.0	0.0	95.1	0.0	0.0	2.4
2021 01 01	2.4	0.7	11.5	82.9	0.0	0.0	2.4
2021 02 01	2.4	2.1	27.9	65.0	0.0	0.0	2.4
2021 03 01	4.4	2.2	28.8	62.2	0.0	0.0	2.4
2021 04 01	6.7	1.9	26.2	62.8	0.0	0.0	2.4
2021 05 01	2.4	-0.0	12.0	81.9	1.2	0.0	2.4
2021 06 01	2.4	-0.0	1.1	81.0	7.5	5.5	2.4
2021 07 01	2.7	3.5	3.4	63.7	16.2	8.1	2.4
2021 08 01	2.4	-0.0	10.9	49.0	29.4	5.8	2.5
2021 09 01	2.4	-0.0	13.8	44.4	32.8	1.7	4.9
2021 10 01	3.7	1.2	17.0	37.7	32.2	0.0	8.1

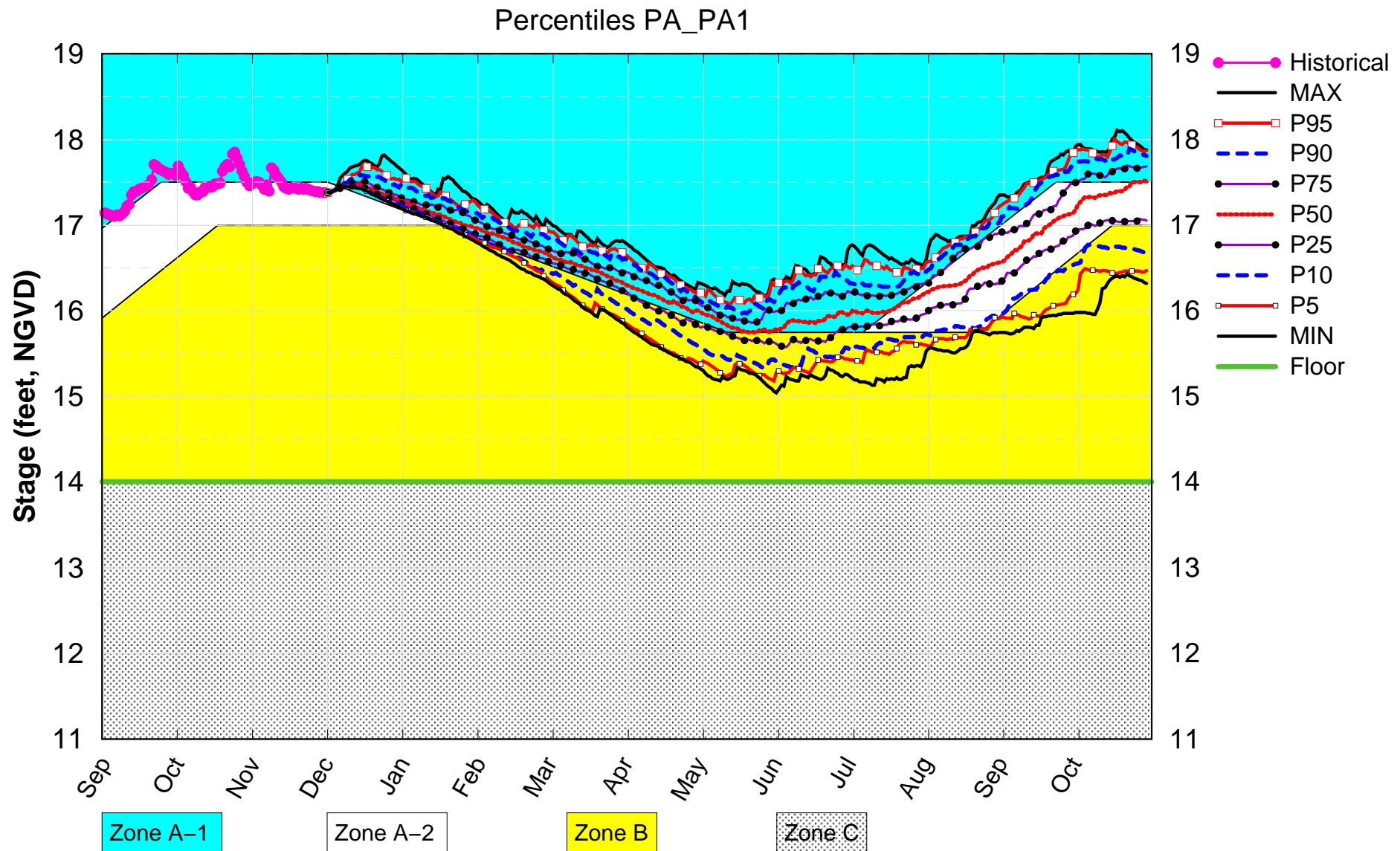
Lake Okeechobee – LORS2008 Releases to the Estuaries



Lake Okeechobee – LORS2008 Releases to the WCA's



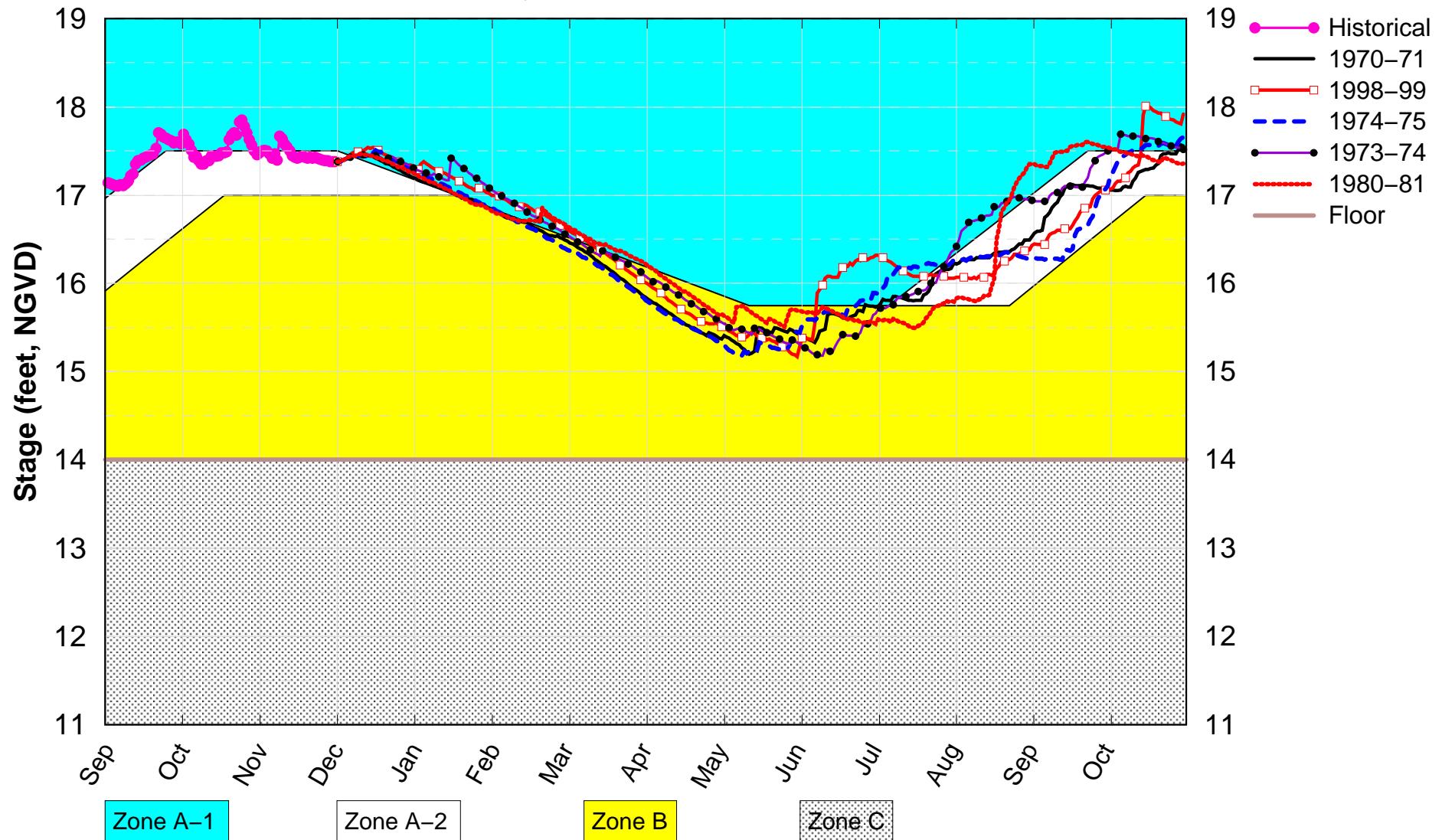
WCA1 SFWMM Dec 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

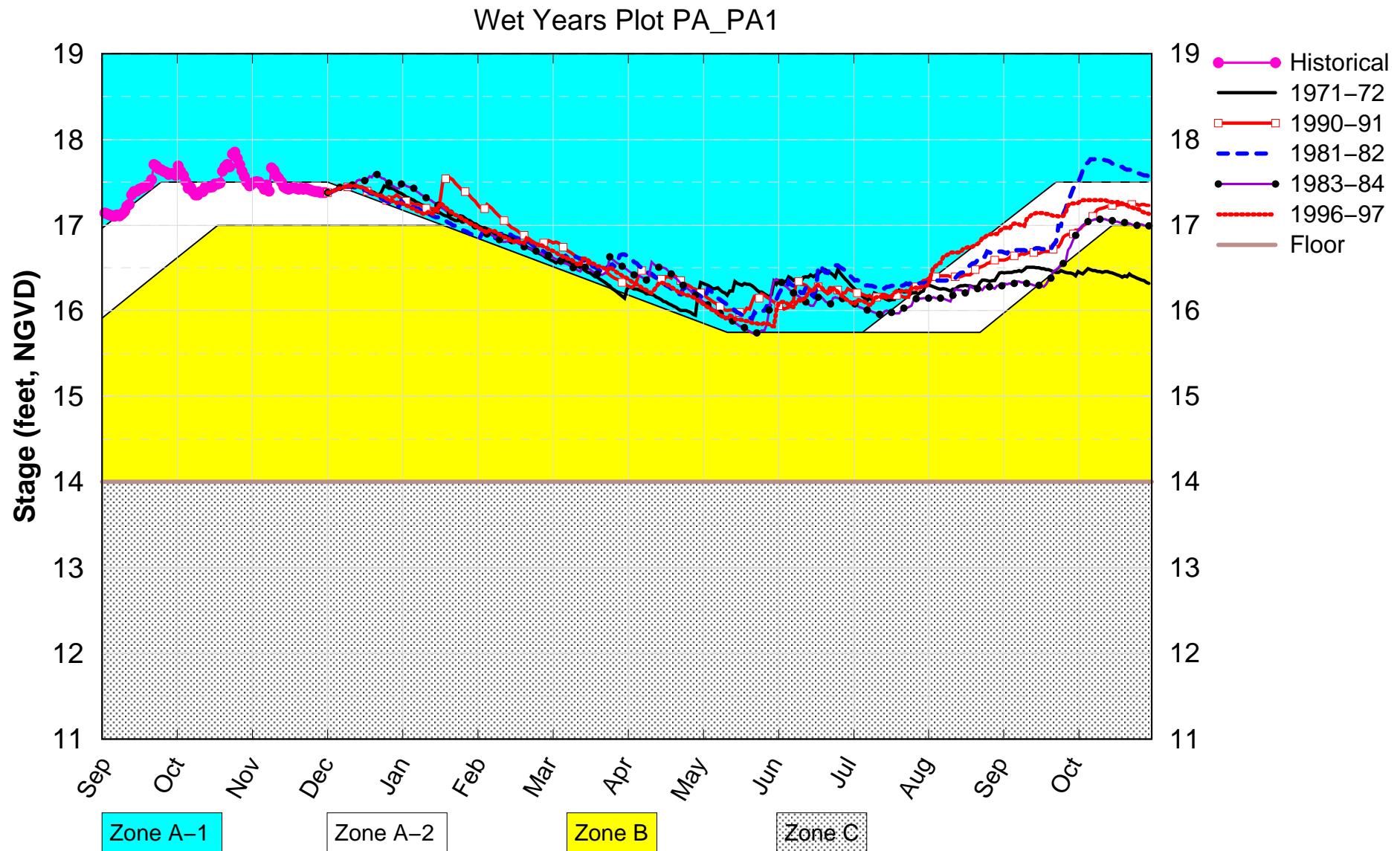
WCA1 SFWMM Dec 2020 Position Analysis

Dry Years Plot PA_PA1



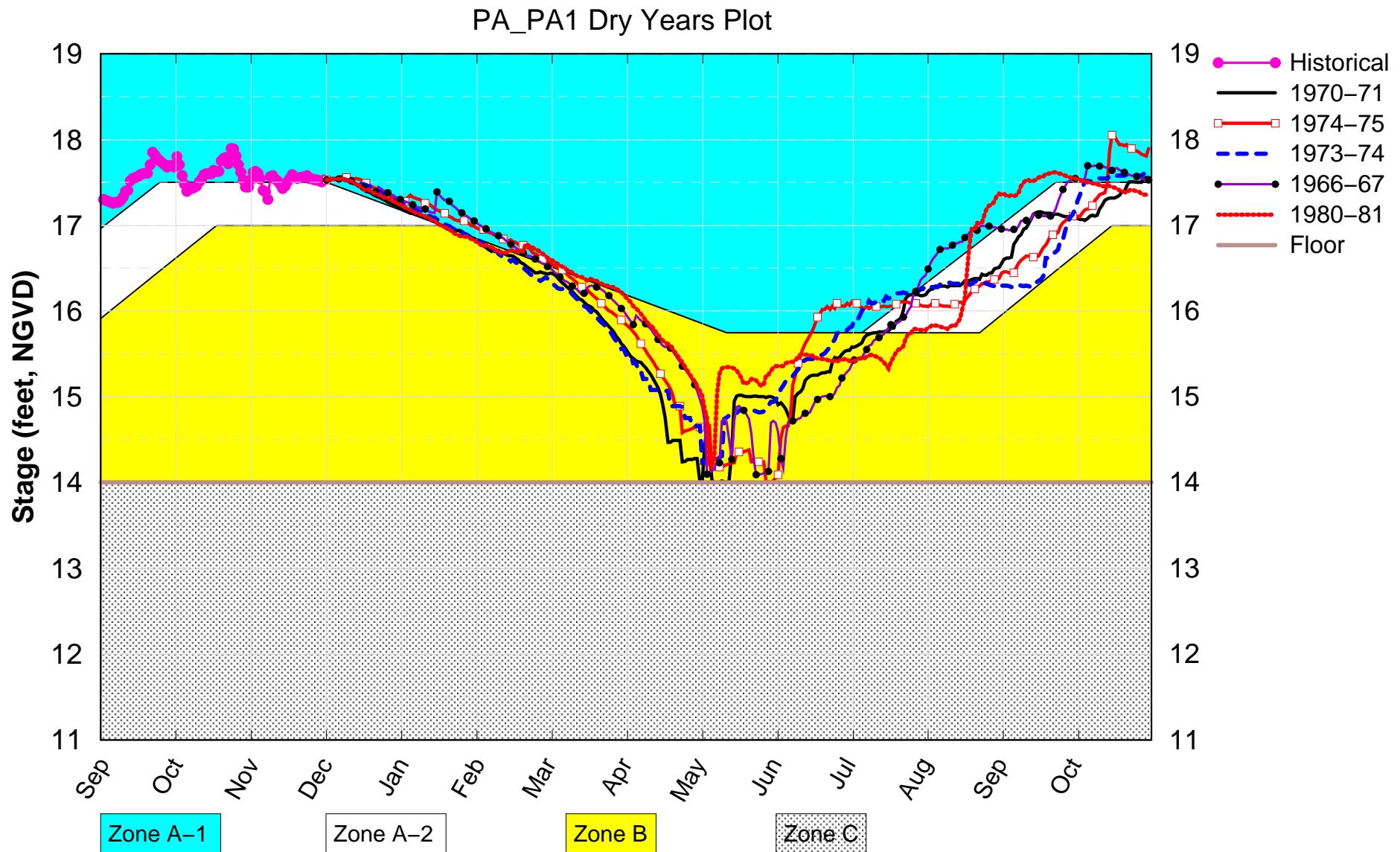
(See assumptions on the Position Analysis Results website)

WCA1 SFWMM Dec 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

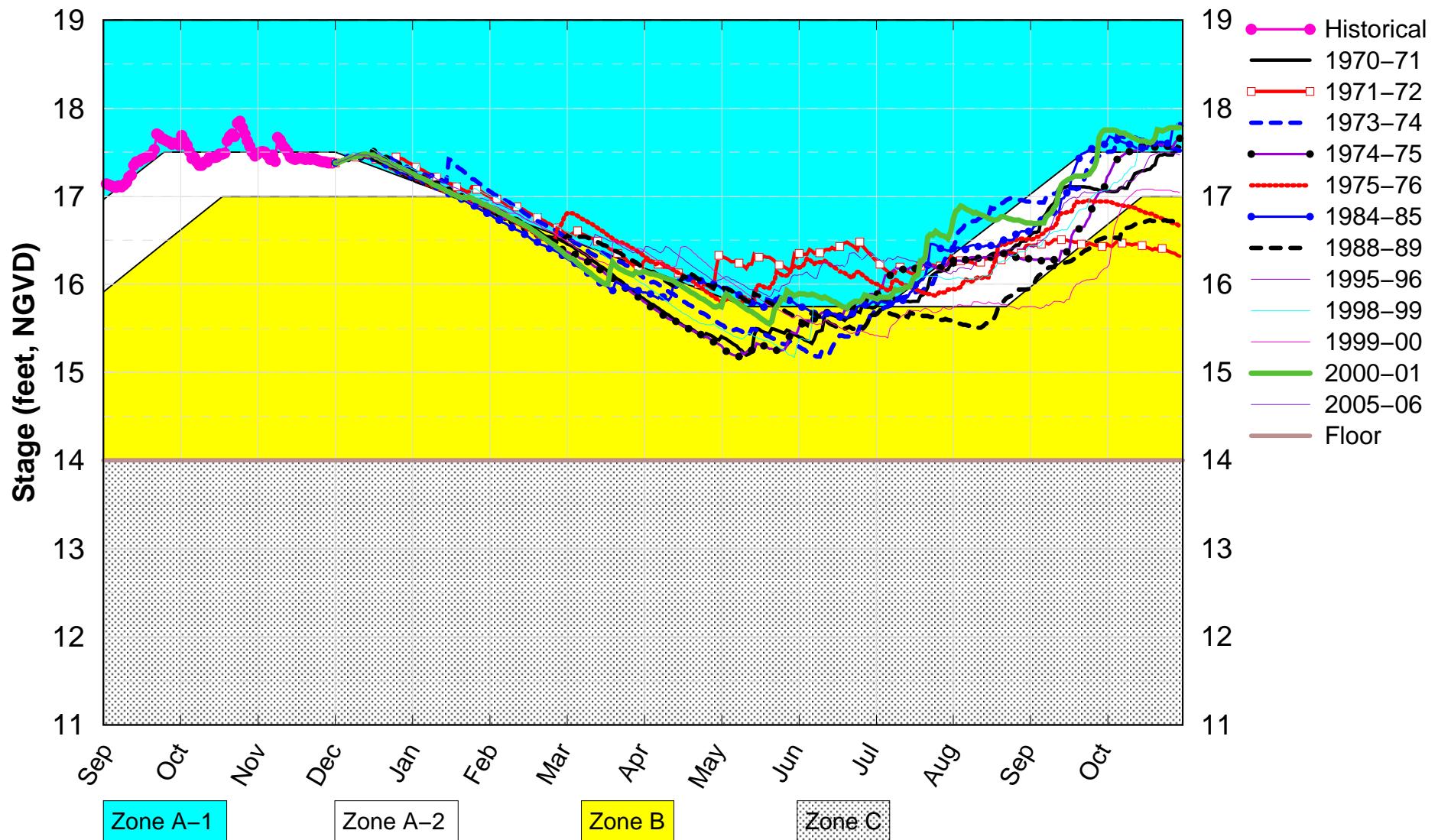
CA1 Canal SFWMM Dec 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

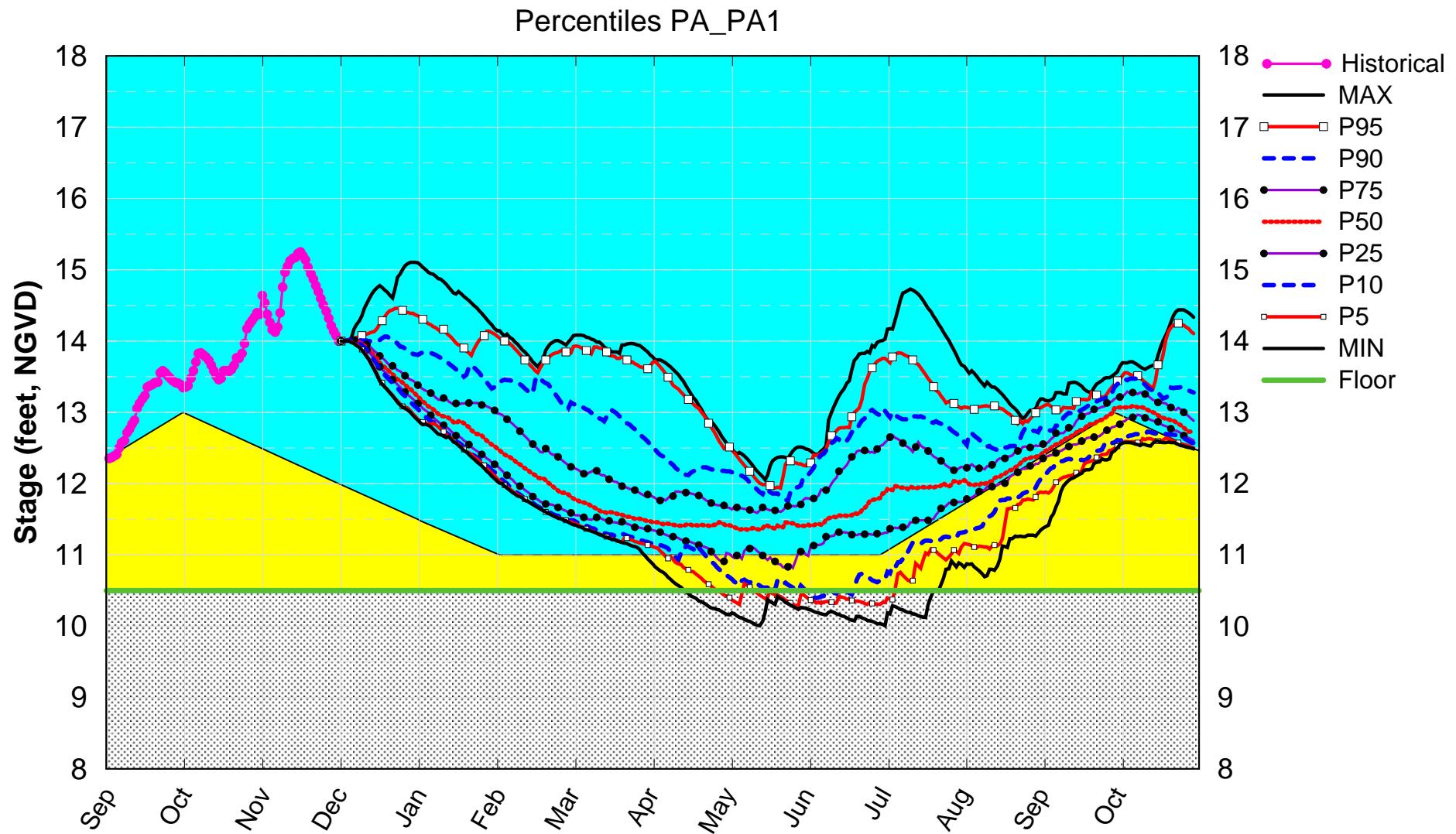
WCA1 SFWMM Dec 2020 Position Analysis

All La Nina Years Plot PA_PA1



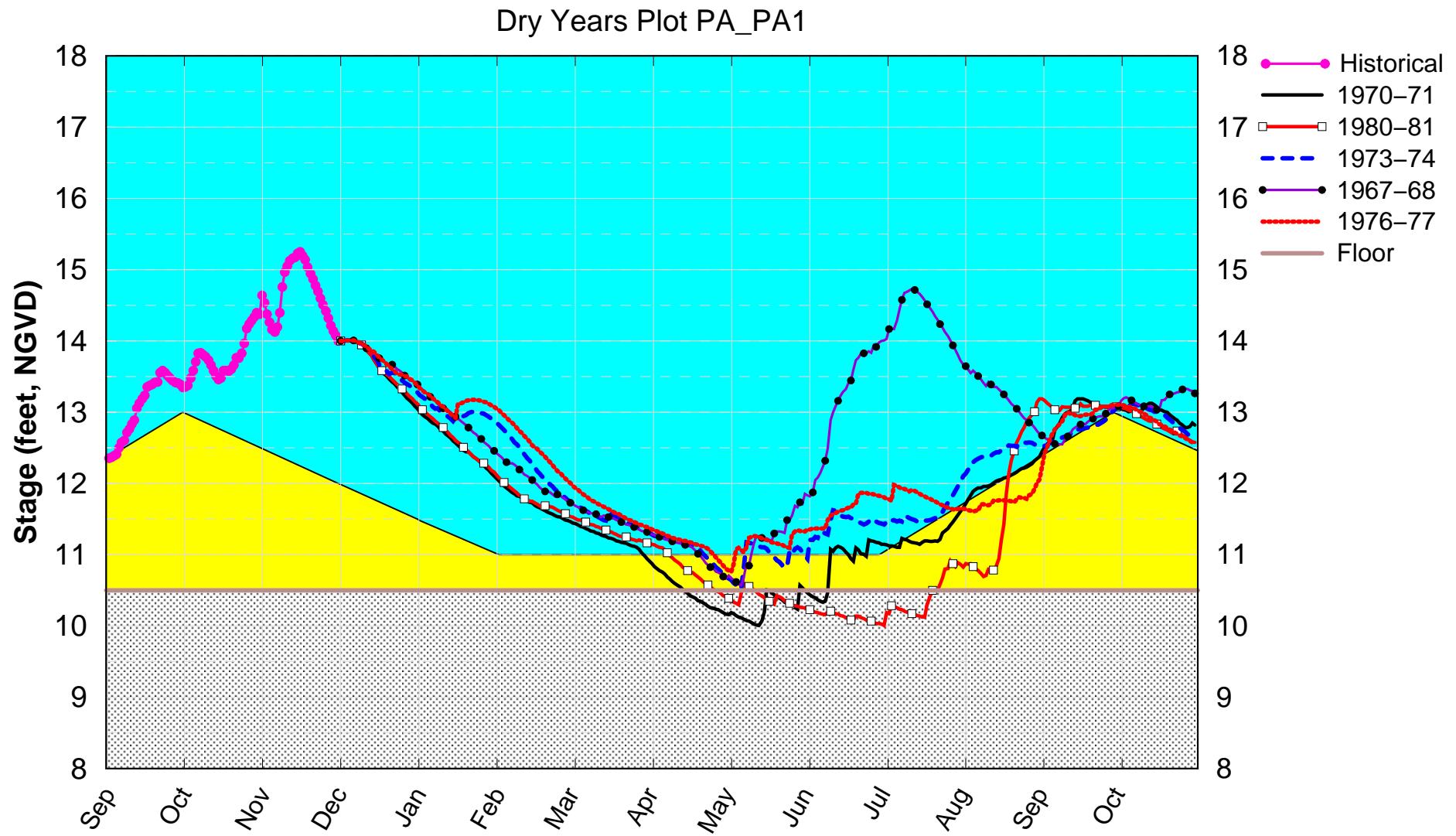
(See assumptions on the Position Analysis Results website)

WCA2A SFWMM Dec 2020 Position Analysis



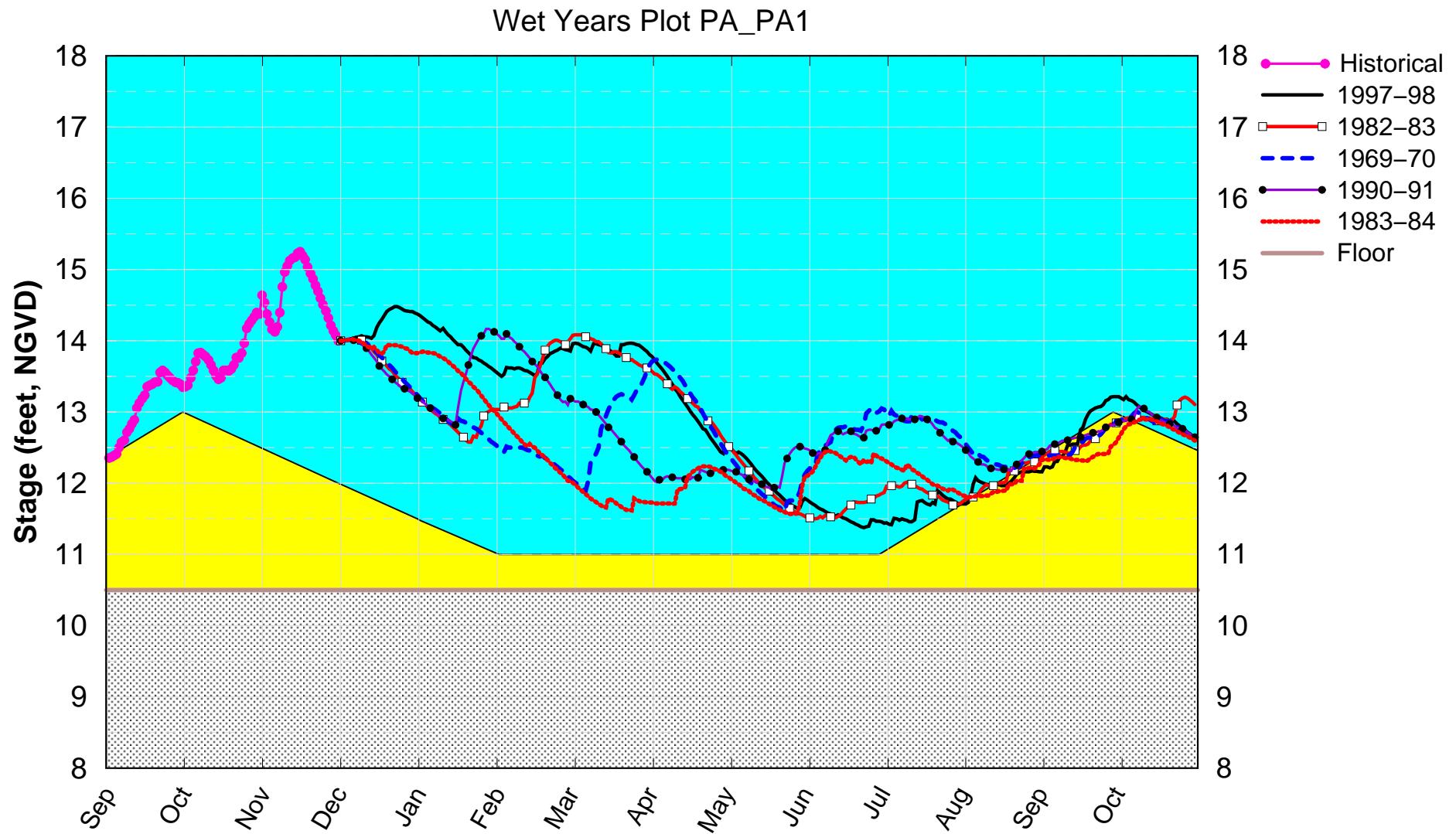
(See assumptions on the Position Analysis Results website)

WCA2A SFWMM Dec 2020 Position Analysis



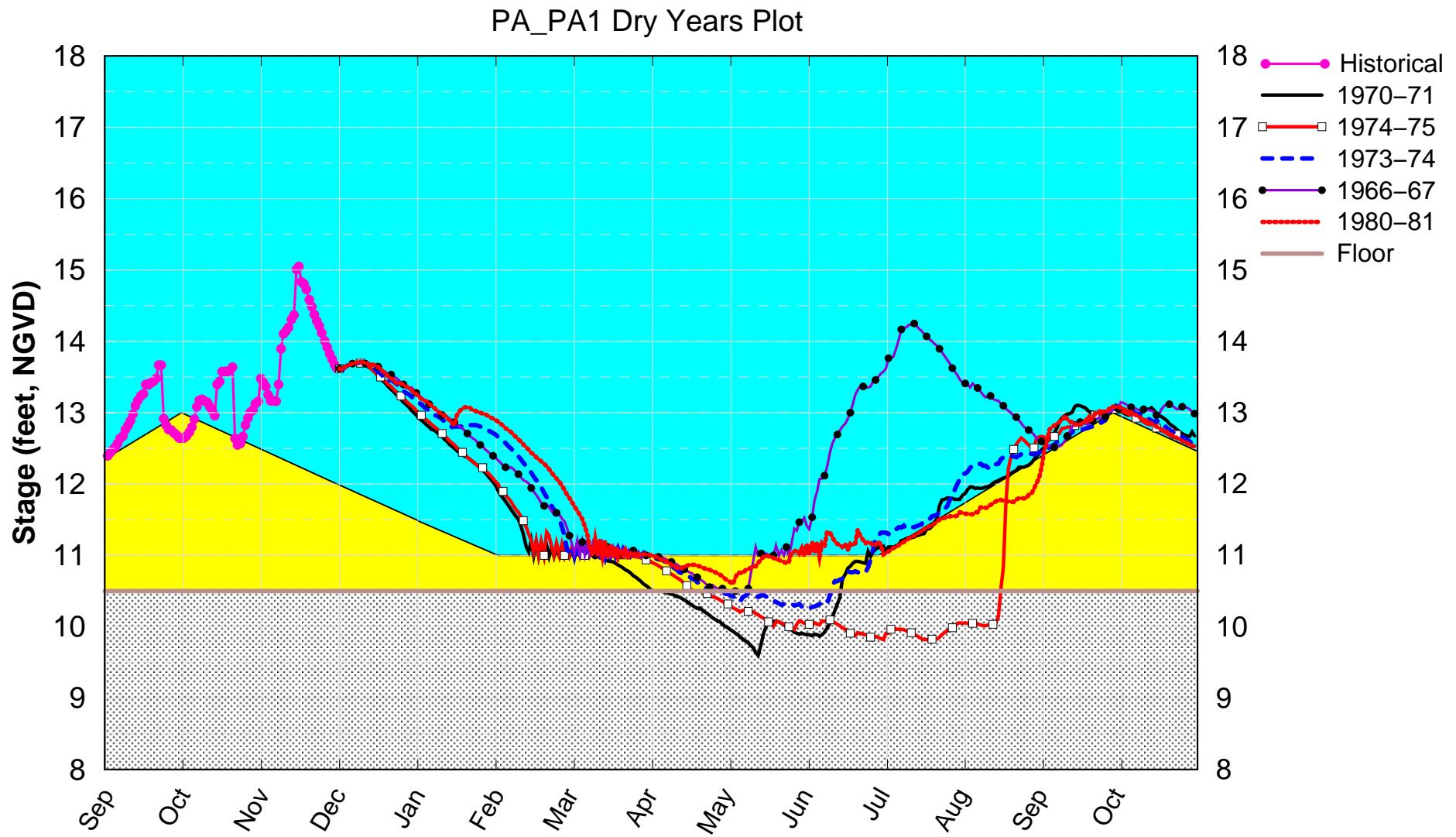
(See assumptions on the Position Analysis Results website)

WCA2A SFWMM Dec 2020 Position Analysis



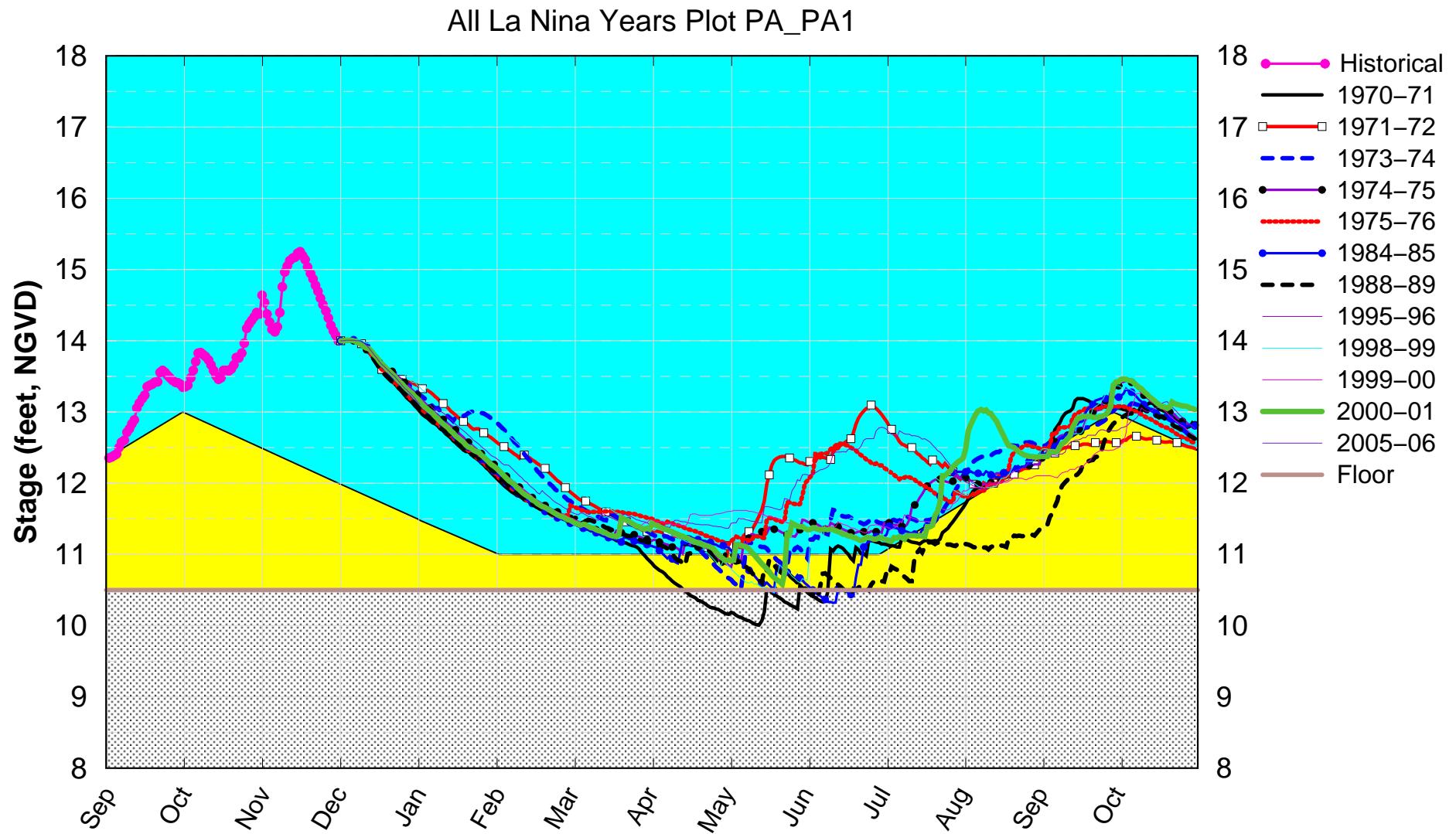
(See assumptions on the Position Analysis Results website)

L38 Canal SFWMM Dec 2020 Position Analysis



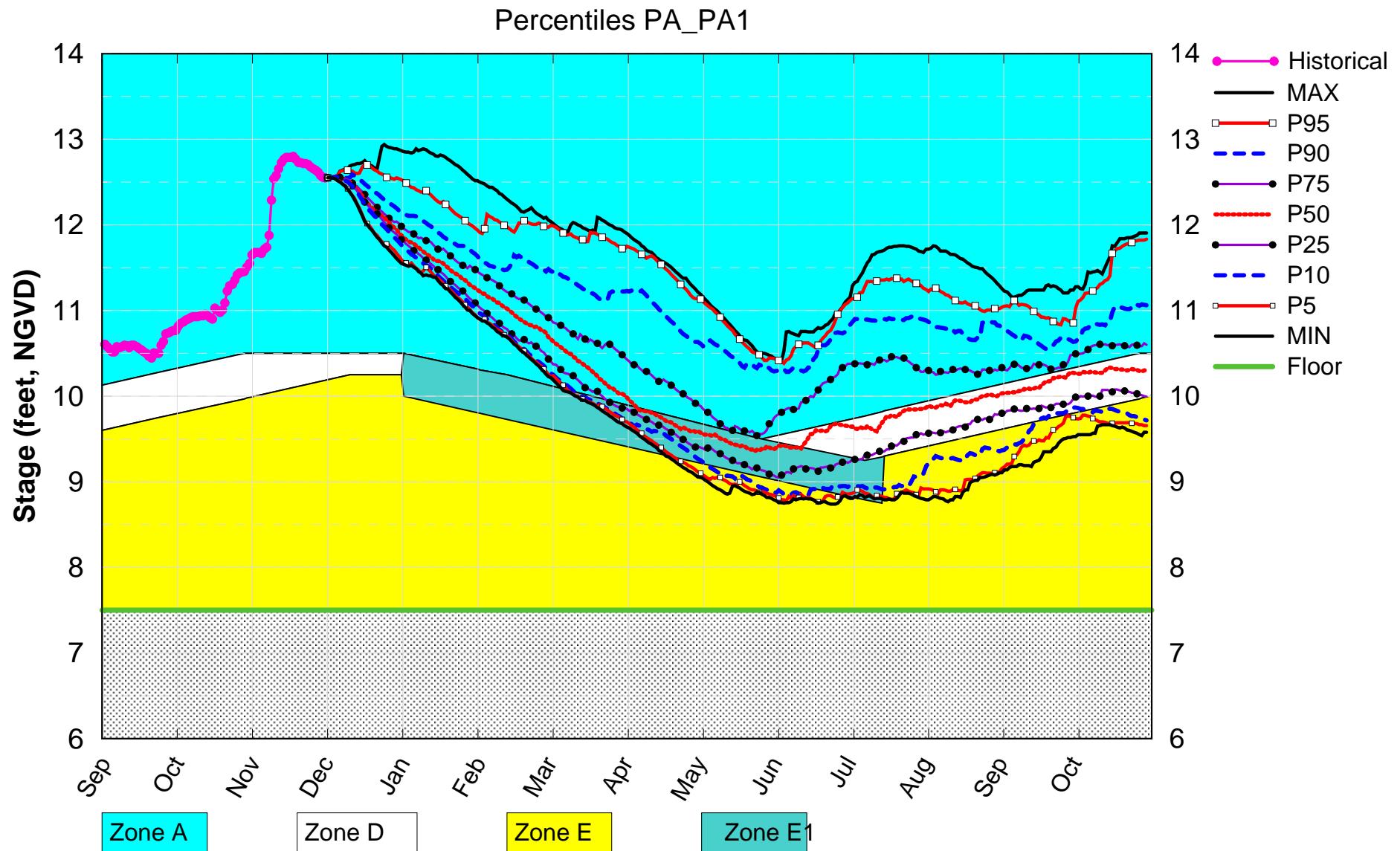
(See assumptions on the Position Analysis Results website)

WCA2A SFWMM Dec 2020 Position Analysis



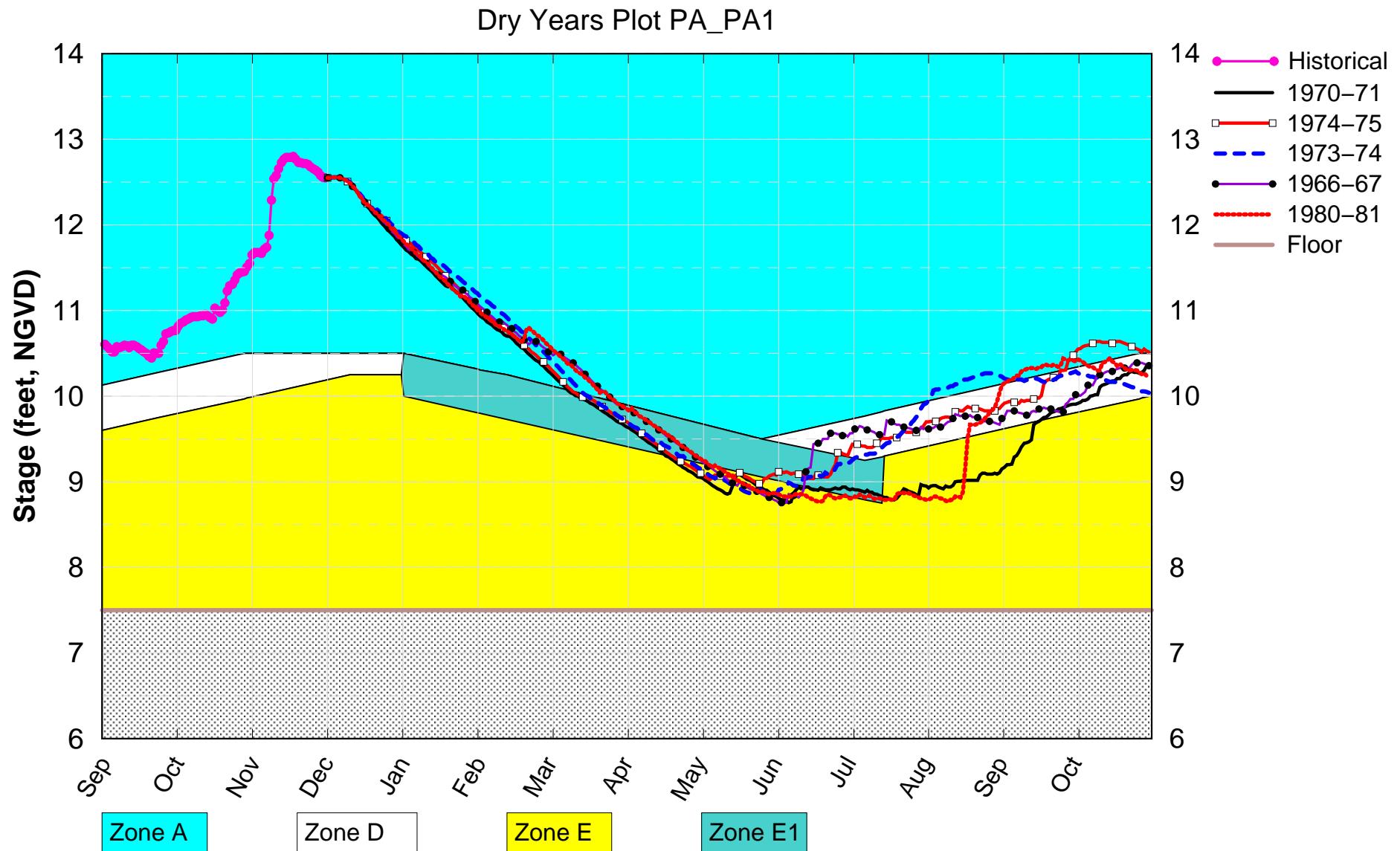
(See assumptions on the Position Analysis Results website)

WCA3A SFWMM Dec 2020 Position Analysis



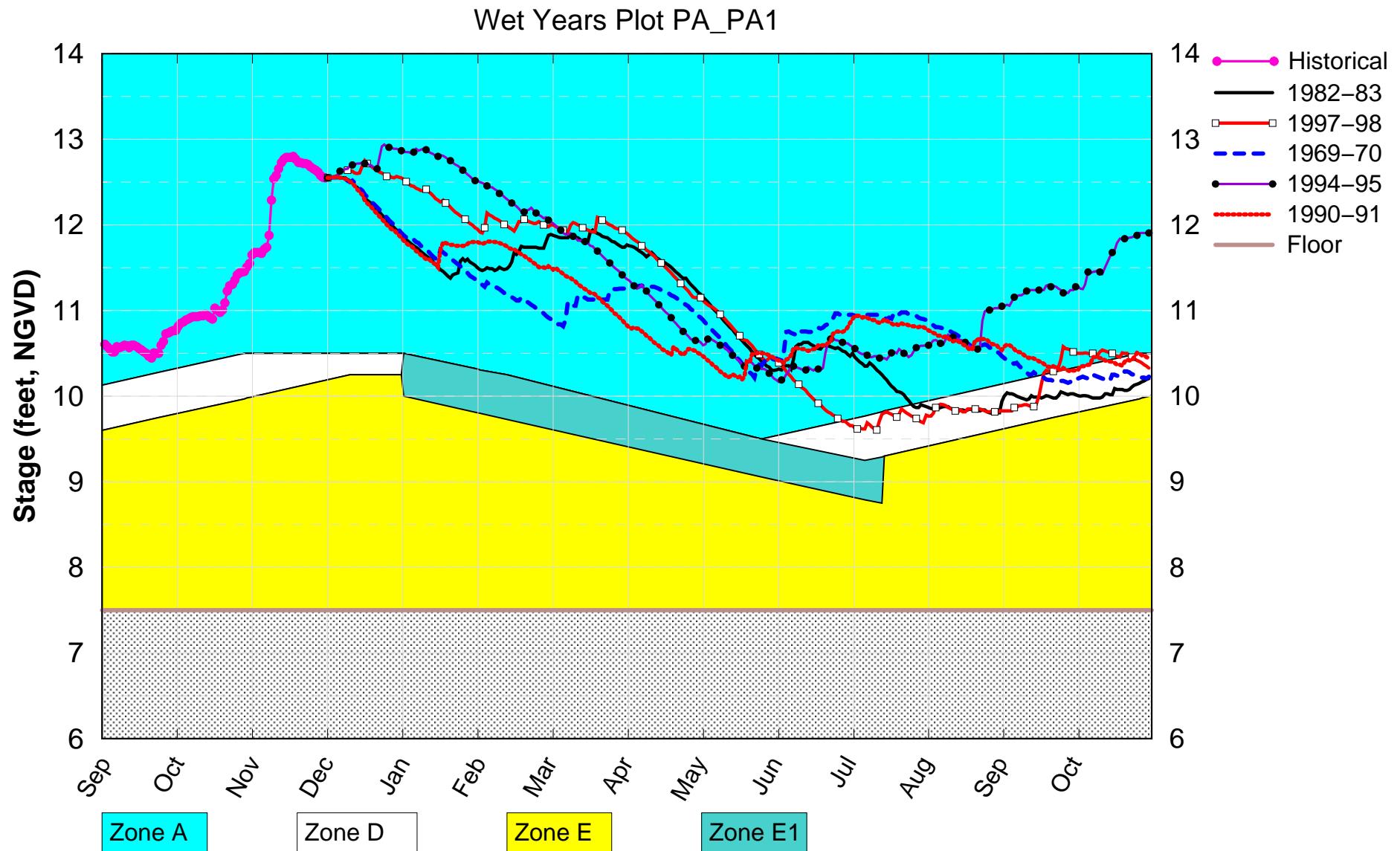
(See assumptions on the Position Analysis Results website)

WCA3A SFWMM Dec 2020 Position Analysis



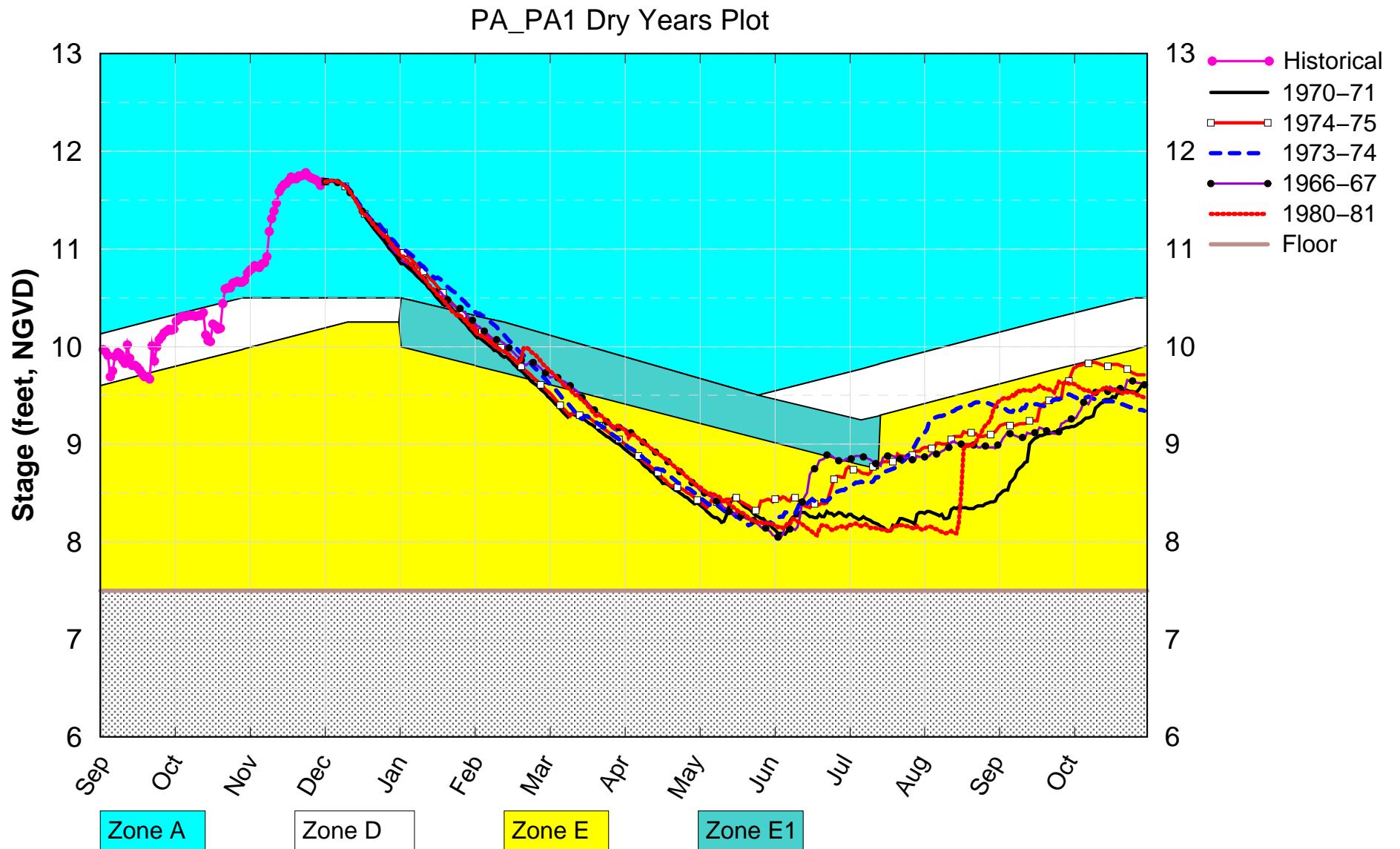
(See assumptions on the Position Analysis Results website)

WCA3A SFWMM Dec 2020 Position Analysis



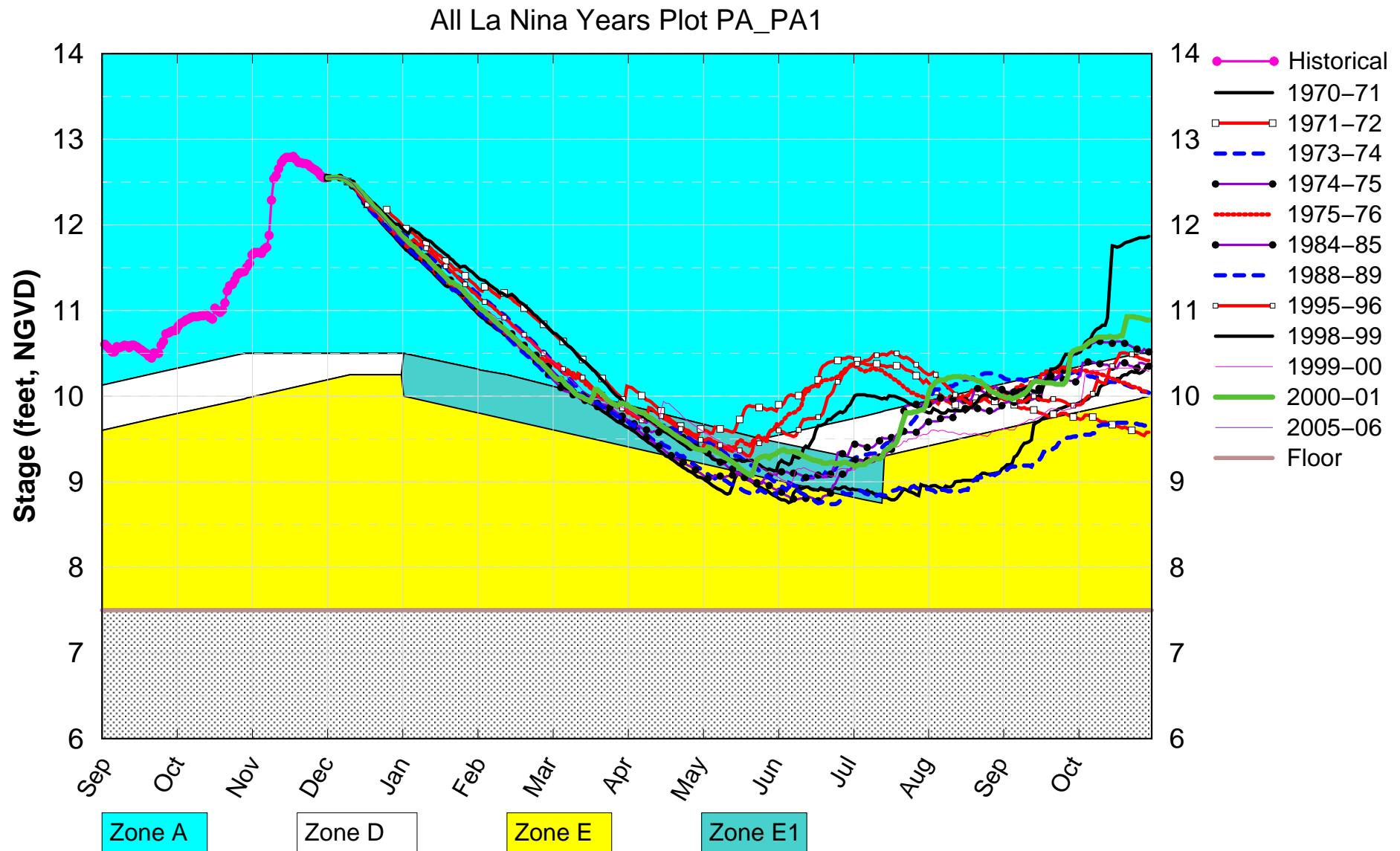
(See assumptions on the Position Analysis Results website)

CA3 Canal SFWMM Dec 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

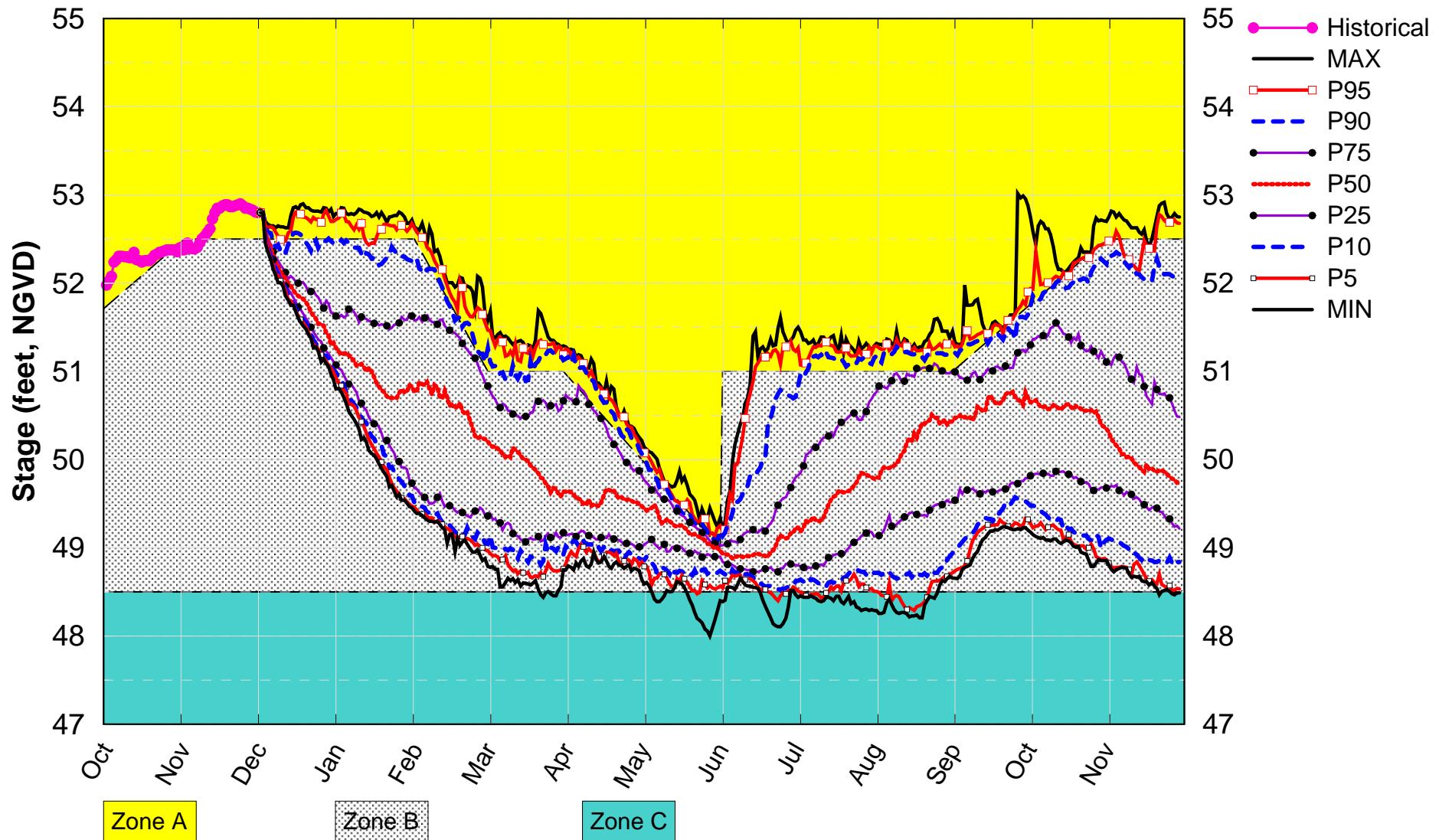
WCA3A SFWMM Dec 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

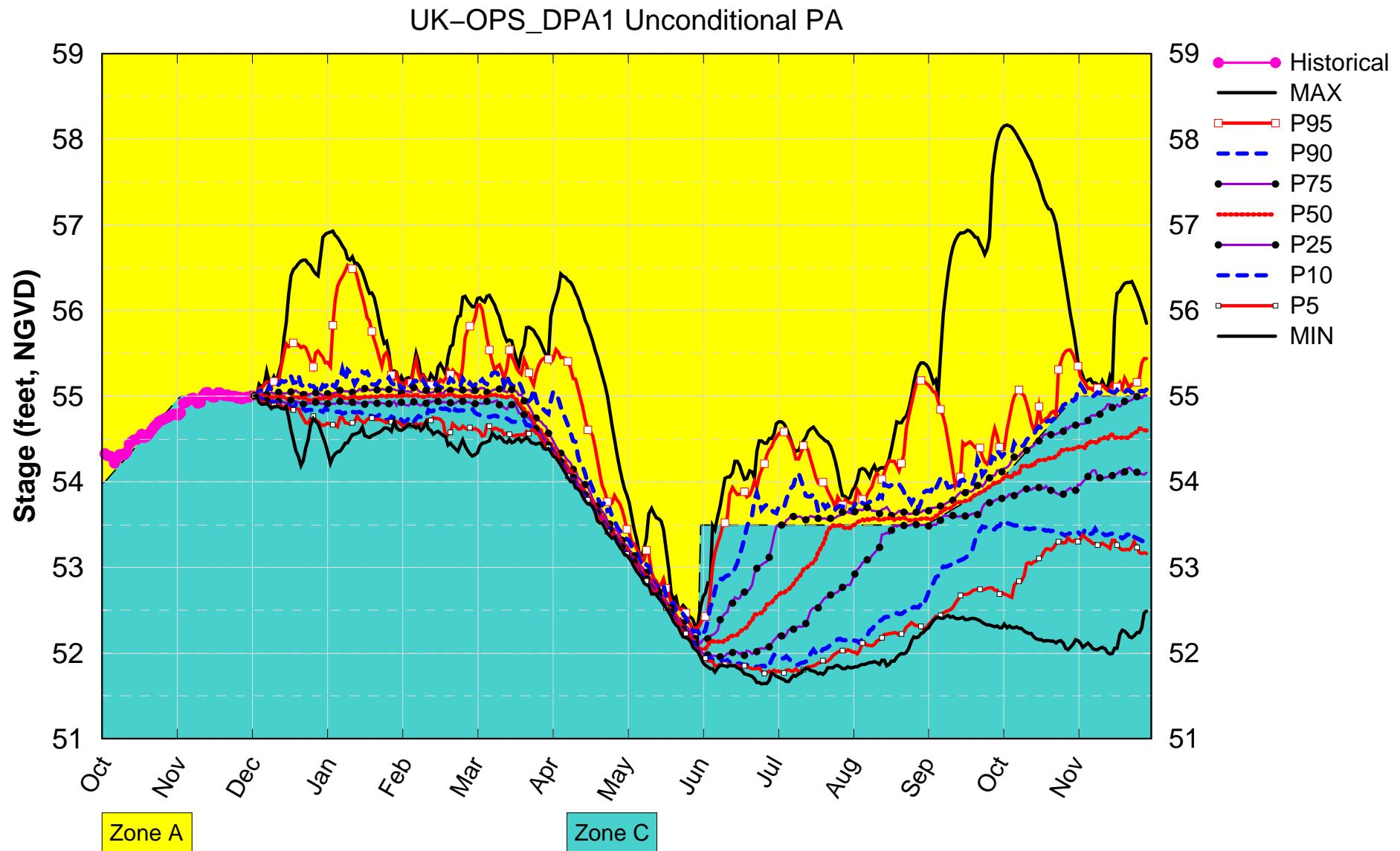
S65 UK-OPS Dec 1 2020 Position Analysis

UK-OPS_DPA1 Unconditional PA



(See assumptions on the Position Analysis Results website)

S61 UK-OPS Dec 1 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

For the Dynamic Position Analysis the Upper Kissimmee Operations Screening (UK-OPS) Model is used to simulate water levels and releases from Lakes Kissimmee-Cypress-Hatchineha, Tohopekaliga, and East Lake Tohopekaliga. The UK-OPS Model operating assumptions are updated as needed to represent the intended operations strategy for the upcoming year. While SFWMD staff efforts continue toward improving the modeling tools for the Kissimmee basins, an intermediate solution is to use the UK-OPS Model.

AREA stage(ft)	:Canal Name	:SFWMM Name	:Location	:SFWMD sensor
WPB	:C-18	:C18	:G92-H	: 14.86
WPB	:C-17	:C17	:S44-H	: 7.25
WPB	:C-51W	:C51W	:S5AE-T	: 11.34
WPB	:C-51	:C51	:S155-H	: 7.84
WCA	:WCA-1 L-40	:CA1	:1-8C	: 17.53
FTLD	:Hillsboro Canal	:HLSB	:G56-H	: 7.95
WCA	:WCA-2A L-38	:L38	:S11B-H	: 13.61
WCA	:WCA-2A L-39	:CA2A	:S10A-T	: 14.09
FTLD	:C-14	:C14	:S37B-H	: 6.47
FTLD	:C-14E	:C14E	:S37A-H	: 3.93
FTLD	:Pompano	:POMP	:G57-H	: 4.56
FTLD	:C-12	:C12	:S33-H	: 3.38
FTLD	:C-13	:C13	:S36-H	: 4.70
FTLD	:North New River Canal	:NNRC	:G54-H	: 3.42
MIAMI	:L-33	:L33	:S30-H	: 7.04
MIAMI	:C-304	:C304	:S31-H	: 9.81
MIAMI	:C-9	:C9	:S29-H	: 2.43
MIAMI	:C-9 DEN	:C9DEN	:S29-H	: 2.43
MIAMI	:C-8	:C8	:S28-H	: 1.86
MIAMI	:C-7	:C7	:S27-H	: 1.69
MIAMI	:C-6	:C6	:S26-H	: 1.63
MIAMI	:C-2/C-4	:C4	:S25B-H	: 1.64
MIAMI	:L-30	:L30	:S335-H	: 7.73
WCA	:WCA-3A L-29	:CA3	:S333-H	: 11.69
WCA	:S-12A	:S12AD	:S12A-T	: 11.31
WCA	:S-12B	:S12BD	:S12B-T	: 11.39
WCA	:S-12C	:S12CD	:S12C-T	: 11.42
WCA	:S-12D	:S12DD	:S12D-T	: 11.49
MIAMI	:L-29	:L29	:S334-H	: 8.36
MIAMI	:C-100C	:C100C	:S119-H	: 3.50
MIAMI	:C-100	:C100	:S118-H	: 3.46
MIAMI	:C-100A	:C100A	:S123-H	: 2.86
HMST	:C-1/S-148	:S148U	:S148-H	: 3.48
HMST	:L-31N	:L31N	:S331-H	: 3.08
HMST	:C-1N	:C1N	:S149-H	: 2.94
MIAMI	:S-21	:S21	:S21-H	: 1.90
HMST	:L-31S	:L31S	:S176-H	: 4.09
MIAMI	:C-102N	:C102N	:S21A-H	: 1.67
HMST	:C-102	:C102	:S165-H	: 2.69
MIAMI	:C-103S	:C103S	:S167-H	: 2.61
HMST	:C-103N	:C103N	:S166-H	: 2.81
HMST	:C-103	:S179	:S179-H	: 2.18
HMST	:L-31W	:L31W	:S332-H	: 4.02
HMST	:C-111	:C111	:S177-H	: 3.35
HMST	:CNO	:CNO	:S179-H	: 2.18
HMST	:C-111E	:C111E	:S18C-H	: 2.35
HMST	:S-197	:S197	:S197-H	: 2.27
EAA	:L-23E	:L23E	:S8-T	: 13.07
EAA	:C-60	:C60	:S140-T	: 13.09

SFWMM	Name	col	row	STAGE	Source	Data	match	domain	match	areas
1-7		31	48	17.36	USACE		PA	CA1		
1-8T		34	47	17.39	USACE		PA	CA1		
1-9		33	46	17.39	USACE		PA	CA1		
2-17		29	40	14.00	USACE		PA	CA2		
2-159		28	43	14.38	SFWMD-ARDAMS		PA	CA2		
3-99		30	35	12.01	USACE			CA2		
3A-2		18	36	13.18	USACE		PA	CA3		
3A-3		25	37	13.02	USACE		PA	CA3		
3A-28		19	24	11.83	USACE		PA	CA3		
3A-4		21	29	12.79	USACE		PA	CA3		
3A-NW		18	40	13.12	SFWMD-ARDAMS			CA3		
3A-NE		23	40	12.82	SFWMD-ARDAMS			CA3		
3A-SW		16	30	12.29	SFWMD-ARDAMS			CA3		
3A-S		20	33	12.69	SFWMD-ARDAMS			CA3		
3-76		27	30	9.91	USACE					
3-71		24	26	9.96	USACE					
SHARK		24	23	9.96	USACE			CA3		
3BS1W		26	23	9.79	SFWMD-ARDAMS					
HOLY1		19	45	12.65	SFWMD-ARDAMS			WMA		
HOLY2		21	42	12.65	SFWMD-ARDAMS			WMA		
ROTTN		15	46	14.14	SFWMD-OPERATIONS			WMA		
ROTTS		16	43	14.17	SFWMD-OPERATIONS			WMA		
NP205		15	20	4.84	USACE			ENP		
NP201		19	21	9.48	USACE			ENP		
NP36		17	14	5.92	USACE			ENP		
NP38		16	9	2.96	USACE			ENP		
NP46		17	7	2.64	USACE			ENP		
NP67		22	7	3.33	USACE					
NP33		20	17	7.88	USACE			ENP		
NP34		13	17	4.75	USACE			ENP		
NP44		19	11	5.20	USACE			ENP		
NP206		21	15	7.37	USACE			ENP		
NESR2		25	21	8.23	USACE			ENP		
THSO		23	9	5.40	USACE					
RG2		23	15	7.18	USACE			ENP		
G3273		24	17	8.04	USACE		PA	ENP		
ANGEL		25	17	7.89	USACE		PA			
ANGEL		26	17	7.89	USACE		PA			
EVER4		25	8	2.84	USACE		PA	SA3		
E112		23	10	6.07	USACE			ENP		
G620		18	19	7.94	USACE			ENP		

Temporarily Unavailable

Temporarily Unavailable

Temporarily Unavailable

Lake Okeechobee Band Probabilities (%) at the Begining of Each Month
 '(See assumptions on the Position Analysis Results website)'
 Initial Stage 16.26 ft. for 11/01/2020

Date	HLM	High	Inter	Low	Base	Bene	WSM
2020 11 01	2.4	0.0	47.6	47.6	0.0	0.0	2.4
2020 12 01	2.4	0.0	0.0	95.1	0.0	0.0	2.4
2021 01 01	2.4	0.7	11.5	82.9	0.0	0.0	2.4
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Monthly Supply Side Management Results
 for the Lake Okeechobee Service Area
 Report by Water Years Oct-Sep
 (Volumes in 1000 ac-ft)

Run:

SFWMM v6.7.4 - December 01, 2020 DPA Final LOK Stage 16.12

Note: SSM stands for Supply Side Management
 SSMwC.B. stands for Supply Side Management with cutback

Year	Mon	SSM			Convey.	%	Total	% Total	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Convey.	Cutback	Cutback
1965	10	0	0	0.90	0.00	0.00	0.00	0.00	0.00
1965	11	0	0	30.07	0.00	0.00	0.00	0.00	0.00
1965	12	0	0	35.33	0.00	0.00	0.00	0.00	0.00
1966	1	0	0	0.59	0.00	0.00	0.00	0.00	0.00
1966	2	0	0	15.15	0.00	0.00	0.00	0.00	0.00
1966	3	0	0	62.37	0.00	0.00	0.00	0.00	0.00
1966	4	0	0	57.67	0.00	0.00	0.00	0.00	0.00
1966	5	0	0	49.44	0.00	0.00	0.01	0.01	0.01
1966	6	0	0	5.84	0.00	0.00	0.00	0.00	0.00
1966	7	0	0	0.01	0.00	0.00	0.00	0.00	0.00
1966	8	0	0	0.88	0.00	0.00	0.00	0.00	0.00
1966	9	0	0	1.17	0.00	0.00	0.00	0.00	0.00

Year	Mon	SSM			Convey.	%	Total	% Total	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Convey.	Cutback	Cutback
1966	10	0	0	6.66	0.00	0.00	0.00	0.00	0.00
1966	11	0	0	30.09	0.00	0.00	0.00	0.00	0.00
1966	12	0	0	48.60	0.00	0.00	0.00	0.00	0.00
1967	1	0	0	41.62	0.00	0.00	0.00	0.00	0.00
1967	2	0	0	26.43	0.00	0.00	0.00	0.00	0.00
1967	3	0	0	79.28	0.00	0.00	0.00	0.00	0.00
1967	4	0	0	169.90	0.00	0.00	0.02	0.01	0.02
1967	5	0	0	209.12	0.00	0.00	1.08	0.52	1.08
1967	6	0	0	22.92	0.00	0.00	0.00	0.00	0.00
1967	7	0	0	5.73	0.00	0.00	0.10	1.69	0.10
1967	8	0	0	6.77	0.00	0.00	0.09	1.36	0.09
1967	9	0	0	11.75	0.00	0.00	0.00	0.00	0.00

Year	Mon	SSM			Convey.	%	Total	% Total	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Convey.	Cutback	Cutback
1967	10	0	0	1.12	0.00	0.00	0.00	0.00	0.00
1967	11	0	0	30.09	0.00	0.00	0.00	0.00	0.00
1967	12	0	0	23.35	0.00	0.00	0.00	0.00	0.00
1968	1	0	0	56.03	0.00	0.00	0.00	0.00	0.00
1968	2	0	0	36.92	0.00	0.00	0.00	0.00	0.00
1968	3	0	0	76.48	0.00	0.00	0.00	0.00	0.00
1968	4	0	0	134.55	0.00	0.00	0.00	0.00	0.00
1968	5	0	0	27.98	0.00	0.00	0.00	0.00	0.00
1968	6	0	0	0.83	0.00	0.00	0.00	0.00	0.00
1968	7	0	0	11.02	0.00	0.00	0.00	0.00	0.00
1968	8	0	0	8.82	0.00	0.00	0.00	0.00	0.00
1968	9	0	0	7.99	0.00	0.00	0.00	0.00	0.00

Year	Mon	SSM				Convey.		% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback
1968	10	0	0	0.54	0.00	0.00	0.00	0.00	0.00
1968	11	0	0	30.04	0.00	0.00	0.00	0.00	0.00
1968	12	0	0	76.38	0.00	0.00	0.00	0.00	0.00
1969	1	0	0	26.11	0.00	0.00	0.00	0.00	0.00
1969	2	0	0	46.51	0.00	0.00	0.00	0.00	0.00
1969	3	0	0	12.25	0.00	0.00	0.00	0.00	0.00
1969	4	0	0	64.55	0.00	0.00	0.00	0.00	0.00
1969	5	0	0	25.00	0.00	0.00	0.00	0.00	0.00
1969	6	0	0	22.65	0.00	0.00	0.00	0.00	0.00
1969	7	0	0	21.54	0.00	0.00	0.00	0.00	0.00
1969	8	0	0	1.38	0.00	0.00	0.00	0.00	0.00
1969	9	0	0	0.72	0.00	0.00	0.00	0.00	0.00
Year	Mon	SSM				Convey.		% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback
1969	10	0	0	7.45	0.00	0.00	0.00	0.00	0.00
1969	11	0	0	30.07	0.00	0.00	0.00	0.00	0.00
1969	12	0	0	21.62	0.00	0.00	0.00	0.00	0.00
1970	1	0	0	3.28	0.00	0.00	0.00	0.00	0.00
1970	2	0	0	11.09	0.00	0.00	0.00	0.00	0.00
1970	3	0	0	13.78	0.00	0.00	0.00	0.00	0.00
1970	4	0	0	73.44	0.00	0.00	0.00	0.00	0.00
1970	5	0	0	161.17	0.00	0.00	0.02	0.02	0.02
1970	6	0	0	9.35	0.00	0.00	0.00	0.00	0.00
1970	7	0	0	10.30	0.00	0.00	0.00	0.00	0.00
1970	8	0	0	6.25	0.00	0.00	0.00	0.00	0.00
1970	9	0	0	8.70	0.00	0.00	0.00	0.00	0.00
Year	Mon	SSM				Convey.		% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback
1970	10	0	0	9.82	0.00	0.00	0.00	0.00	0.00
1970	11	0	0	30.07	0.00	0.00	0.00	0.00	0.00
1970	12	0	0	77.81	0.00	0.00	0.00	0.00	0.00
1971	1	0	0	60.68	0.00	0.00	0.00	0.00	0.00
1971	2	0	0	49.02	0.00	0.00	0.00	0.00	0.00
1971	3	0	0	116.34	0.00	0.00	0.00	0.00	0.00
1971	4	0	0	175.42	0.00	0.00	0.00	0.00	0.00
1971	5	0	0	102.06	0.00	0.00	0.26	0.25	0.26
1971	6	0	0	33.88	0.00	0.00	0.09	0.27	0.09
1971	7	0	0	0.56	0.00	0.00	0.00	0.00	0.00
1971	8	0	0	4.37	0.00	0.00	0.00	0.00	0.00
1971	9	0	0	12.12	0.00	0.00	0.00	0.00	0.00
Year	Mon	SSM				Convey.		% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback
1971	10	0	0	14.49	0.00	0.00	0.00	0.00	0.00
1971	11	0	0	30.07	0.00	0.00	0.00	0.00	0.00
1971	12	0	0	44.08	0.00	0.00	0.00	0.00	0.00
1972	1	0	0	31.74	0.00	0.00	0.00	0.00	0.00
1972	2	0	0	33.21	0.00	0.00	0.00	0.00	0.00
1972	3	0	0	88.12	0.00	0.00	0.00	0.00	0.00
1972	4	0	0	43.48	0.00	0.00	0.00	0.00	0.00
1972	5	0	0	22.15	0.00	0.00	0.00	0.00	0.00
1972	6	0	0	30.70	0.00	0.00	0.59	1.92	0.59
1972	7	0	0	27.24	0.00	0.00	0.00	0.00	0.00
1972	8	0	0	37.34	0.00	0.00	0.04	0.10	0.04
1972	9	0	0	32.11	0.00	0.00	0.00	0.00	0.00

Year	Mon					SSM	Convey.	% Cutback		
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume			% SSM Cutback	Cutback Volume	Total Cutback
1972	10	9	6	75.13	3.26	4.34	0.04	0.06	3.30	4.39
1972	11	0	0	30.06	0.00	0.00	0.00	0.00	0.00	0.00
1972	12	0	0	26.61	0.00	0.00	0.00	0.00	0.00	0.00
1973	1	0	0	12.68	0.00	0.00	0.00	0.00	0.00	0.00
1973	2	0	0	10.69	0.00	0.00	0.00	0.00	0.00	0.00
1973	3	0	0	58.94	0.00	0.00	0.00	0.00	0.00	0.00
1973	4	0	0	93.88	0.00	0.00	0.00	0.00	0.00	0.00
1973	5	0	0	117.56	0.00	0.00	0.00	0.00	0.00	0.00
1973	6	0	0	26.75	0.00	0.00	0.00	0.00	0.00	0.00
1973	7	0	0	1.84	0.00	0.00	0.00	0.00	0.00	0.00
1973	8	0	0	0.30	0.00	0.00	0.00	0.00	0.00	0.00
1973	9	0	0	0.59	0.00	0.00	0.00	0.00	0.00	0.00
Year Mon						SSM	Convey.	% Cutback		
# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	Convey.	% Cutback	Total Cutback	% Total Cutback	
1973	10	0	0	17.85	0.00	0.00	0.00	0.00	0.00	
1973	11	0	0	30.09	0.00	0.00	0.00	0.00	0.00	
1973	12	0	0	21.20	0.00	0.00	0.00	0.00	0.00	
1974	1	0	0	45.46	0.00	0.00	0.00	0.00	0.00	
1974	2	0	0	73.25	0.00	0.00	0.00	0.00	0.00	
1974	3	0	0	125.89	0.00	0.00	0.00	0.00	0.00	
1974	4	0	0	112.89	0.00	0.00	0.00	0.00	0.00	
1974	5	0	0	100.18	0.00	0.00	0.03	0.03	0.03	
1974	6	0	0	9.50	0.00	0.00	0.00	0.00	0.00	
1974	7	0	0	0.78	0.00	0.00	0.00	0.00	0.00	
1974	8	0	0	0.00	0.00	0.00	0.00	0.00	0.00	
1974	9	0	0	0.99	0.00	0.00	0.00	0.00	0.00	
Year Mon						SSM	Convey.	% Cutback		
# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	Convey.	% Cutback	Total Cutback	% Total Cutback	
1974	10	0	0	25.53	0.00	0.00	0.00	0.00	0.00	
1974	11	0	0	30.12	0.00	0.00	0.00	0.00	0.00	
1974	12	0	0	22.26	0.00	0.00	0.00	0.00	0.00	
1975	1	0	0	71.92	0.00	0.00	0.00	0.00	0.00	
1975	2	0	0	68.02	0.00	0.00	0.00	0.00	0.00	
1975	3	0	0	98.28	0.00	0.00	0.00	0.00	0.00	
1975	4	0	0	116.78	0.00	0.00	0.00	0.00	0.00	
1975	5	0	0	43.52	0.00	0.00	0.00	0.00	0.00	
1975	6	0	0	4.73	0.00	0.00	0.00	0.00	0.00	
1975	7	0	0	2.61	0.00	0.00	0.00	0.00	0.00	
1975	8	0	0	8.79	0.00	0.00	0.07	0.78	0.07	
1975	9	0	0	0.62	0.00	0.00	0.04	6.86	0.04	
Year Mon						SSM	Convey.	% Cutback		
# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	Convey.	% Cutback	Total Cutback	% Total Cutback	
1975	10	0	0	3.44	0.00	0.00	0.00	0.00	0.00	
1975	11	0	0	30.07	0.00	0.00	0.00	0.00	0.00	
1975	12	0	0	67.08	0.00	0.00	0.00	0.00	0.00	
1976	1	0	0	58.30	0.00	0.00	0.00	0.00	0.00	
1976	2	0	0	64.65	0.00	0.00	0.00	0.00	0.00	
1976	3	0	0	72.20	0.00	0.00	0.00	0.00	0.00	
1976	4	0	0	114.13	0.00	0.00	0.00	0.00	0.00	
1976	5	0	0	9.99	0.00	0.00	0.00	0.00	0.00	
1976	6	0	0	16.32	0.00	0.00	0.00	0.00	0.00	
1976	7	0	0	18.16	0.00	0.00	0.00	0.00	0.00	
1976	8	0	0	2.56	0.00	0.00	0.00	0.00	0.00	
1976	9	0	0	2.28	0.00	0.00	0.00	0.00	0.00	

Year	Mon	SSM				Convey.		% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback
1976	10	0	0	63.64	0.00	0.00	0.00	0.00	0.00
1976	11	0	0	30.07	0.00	0.00	0.00	0.00	0.00
1976	12	0	0	19.80	0.00	0.00	0.00	0.00	0.00
1977	1	0	0	1.56	0.00	0.00	0.00	0.00	0.00
1977	2	0	0	50.67	0.00	0.00	0.00	0.00	0.00
1977	3	0	0	106.04	0.00	0.00	0.00	0.00	0.00
1977	4	0	0	138.31	0.00	0.00	0.00	0.00	0.00
1977	5	0	0	42.76	0.00	0.00	0.00	0.00	0.00
1977	6	0	0	61.01	0.00	0.00	0.00	0.00	0.00
1977	7	0	0	18.09	0.00	0.00	0.00	0.00	0.00
1977	8	0	0	7.24	0.00	0.00	0.00	0.00	0.00
1977	9	0	0	0.12	0.00	0.00	0.00	0.00	0.00
Year	Mon	SSM				Convey.		% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback
1977	10	0	0	65.34	0.00	0.00	0.00	0.00	0.00
1977	11	0	0	30.11	0.00	0.00	0.00	0.00	0.00
1977	12	0	0	4.02	0.00	0.00	0.00	0.00	0.00
1978	1	0	0	6.69	0.00	0.00	0.00	0.00	0.00
1978	2	0	0	24.78	0.00	0.00	0.00	0.00	0.00
1978	3	0	0	48.06	0.00	0.00	0.00	0.00	0.00
1978	4	0	0	108.64	0.00	0.00	0.00	0.00	0.00
1978	5	0	0	17.75	0.00	0.00	0.00	0.00	0.00
1978	6	0	0	20.72	0.00	0.00	0.00	0.00	0.00
1978	7	0	0	1.07	0.00	0.00	0.00	0.00	0.00
1978	8	0	0	0.08	0.00	0.00	0.00	0.00	0.00
1978	9	0	0	1.88	0.00	0.00	0.00	0.00	0.00
Year	Mon	SSM				Convey.		% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback
1978	10	0	0	8.69	0.00	0.00	0.00	0.00	0.00
1978	11	0	0	30.07	0.00	0.00	0.00	0.00	0.00
1978	12	0	0	17.40	0.00	0.00	0.00	0.00	0.00
1979	1	0	0	0.00	0.00	0.00	0.00	0.00	0.00
1979	2	0	0	39.68	0.00	0.00	0.00	0.00	0.00
1979	3	0	0	73.21	0.00	0.00	0.00	0.00	0.00
1979	4	0	0	115.09	0.00	0.00	0.00	0.00	0.00
1979	5	0	0	0.28	0.00	0.00	0.00	0.00	0.00
1979	6	0	0	154.65	0.00	0.00	1.65	1.07	1.65
1979	7	0	0	21.80	0.00	0.00	0.00	0.00	0.00
1979	8	0	0	7.53	0.00	0.00	0.00	0.00	0.00
1979	9	0	0	0.33	0.00	0.00	0.00	0.00	0.00
Year	Mon	SSM				Convey.		% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback
1979	10	0	0	12.79	0.00	0.00	0.00	0.00	0.00
1979	11	0	0	30.10	0.00	0.00	0.00	0.00	0.00
1979	12	0	0	19.43	0.00	0.00	0.00	0.00	0.00
1980	1	0	0	35.69	0.00	0.00	0.00	0.00	0.00
1980	2	0	0	12.14	0.00	0.00	0.00	0.00	0.00
1980	3	0	0	65.02	0.00	0.00	0.00	0.01	0.00
1980	4	0	0	13.00	0.00	0.00	0.00	0.00	0.00
1980	5	0	0	97.96	0.00	0.00	0.00	0.00	0.00
1980	6	0	0	130.43	0.00	0.00	0.78	0.60	0.78
1980	7	0	0	14.38	0.00	0.00	0.00	0.00	0.00
1980	8	0	0	7.63	0.00	0.00	0.01	0.18	0.01
1980	9	0	0	2.73	0.00	0.00	0.00	0.00	0.00

Year	Mon					SSM Cutback Volume	Convey. Cutback Volume	% Cutback Convey.		
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	% SSM Cutback			Total Cutback	% Total Cutback	
1980	10	0	0	74.60	0.00	0.00	0.00	0.00	0.00	
1980	11	0	0	30.03	0.00	0.00	0.00	0.00	0.00	
1980	12	0	0	41.91	0.00	0.00	0.00	0.00	0.00	
1981	1	0	0	63.23	0.00	0.00	0.00	0.00	0.00	
1981	2	0	0	28.69	0.00	0.00	0.00	0.00	0.00	
1981	3	0	0	79.63	0.00	0.00	0.00	0.00	0.00	
1981	4	0	0	157.33	0.00	0.00	0.02	0.01	0.01	
1981	5	0	0	149.73	0.00	0.00	0.16	0.11	0.11	
1981	6	0	0	69.91	0.00	0.00	0.55	0.78	0.55	
1981	7	0	0	61.67	0.00	0.00	0.00	0.00	0.00	
1981	8	27	0	1.97	0.00	0.00	0.00	0.00	0.00	
1981	9	17	0	1.90	0.00	0.00	0.00	0.00	0.00	
Year	Mon					SSM Cutback Volume	Convey. Cutback Volume	% Cutback Convey.		
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	% SSM Cutback			Total Cutback	% Total Cutback	
1981	10	31	25	100.96	21.67	21.47	0.00	0.00	21.67	21.47
1981	11	0	0	30.09	0.00	0.00	0.00	0.00	0.00	0.00
1981	12	0	0	78.61	0.00	0.00	0.00	0.00	0.00	0.00
1982	1	0	0	59.22	0.00	0.00	0.00	0.00	0.00	0.00
1982	2	0	0	19.73	0.00	0.00	0.00	0.00	0.00	0.00
1982	3	0	0	29.46	0.00	0.00	0.00	0.00	0.00	0.00
1982	4	0	0	10.74	0.00	0.00	0.00	0.00	0.00	0.00
1982	5	0	0	106.01	0.00	0.00	0.00	0.00	0.00	0.00
1982	6	0	0	19.34	0.00	0.00	0.06	0.30	0.06	0.30
1982	7	0	0	4.81	0.00	0.00	0.00	0.00	0.00	0.00
1982	8	0	0	2.24	0.00	0.00	0.00	0.00	0.00	0.00
1982	9	0	0	5.12	0.00	0.00	0.00	0.00	0.00	0.00
Year	Mon					SSM Cutback Volume	Convey. Cutback Volume	% Cutback Convey.		
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	% SSM Cutback			Total Cutback	% Total Cutback	
1982	10	0	0	13.16	0.00	0.00	0.00	0.00	0.00	0.00
1982	11	0	0	30.09	0.00	0.00	0.00	0.00	0.00	0.00
1982	12	0	0	42.32	0.00	0.00	0.00	0.00	0.00	0.00
1983	1	0	0	21.53	0.00	0.00	0.00	0.00	0.00	0.00
1983	2	0	0	0.28	0.00	0.00	0.00	0.00	0.00	0.00
1983	3	0	0	0.07	0.00	0.00	0.00	0.00	0.00	0.00
1983	4	0	0	28.76	0.00	0.00	0.00	0.00	0.00	0.00
1983	5	0	0	207.11	0.00	0.00	0.02	0.01	0.02	0.01
1983	6	0	0	28.52	0.00	0.00	0.00	0.00	0.00	0.00
1983	7	0	0	32.76	0.00	0.00	0.00	0.00	0.00	0.00
1983	8	0	0	5.47	0.00	0.00	0.00	0.00	0.00	0.00
1983	9	0	0	6.00	0.00	0.00	0.00	0.00	0.00	0.00
Year	Mon					SSM Cutback Volume	Convey. Cutback Volume	% Cutback Convey.		
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	% SSM Cutback			Total Cutback	% Total Cutback	
1983	10	0	0	3.26	0.00	0.00	0.00	0.00	0.00	0.00
1983	11	0	0	30.08	0.00	0.00	0.00	0.00	0.00	0.00
1983	12	0	0	15.09	0.00	0.00	0.00	0.00	0.00	0.00
1984	1	0	0	28.99	0.00	0.00	0.00	0.00	0.00	0.00
1984	2	0	0	31.82	0.00	0.00	0.00	0.00	0.00	0.00
1984	3	0	0	15.18	0.00	0.00	0.00	0.00	0.00	0.00
1984	4	0	0	48.14	0.00	0.00	0.00	0.00	0.00	0.00
1984	5	0	0	119.04	0.00	0.00	0.00	0.00	0.00	0.00
1984	6	0	0	52.31	0.00	0.00	0.10	0.20	0.10	0.20
1984	7	0	0	0.97	0.00	0.00	0.00	0.00	0.00	0.00
1984	8	0	0	16.03	0.00	0.00	0.00	0.00	0.00	0.00
1984	9	0	0	14.21	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	SSM				Convey.	% Cutback	Total Cutback	% Total Cutback
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume				
1984	10	0	0	51.70	0.00	0.00	0.00	0.00	0.00
1984	11	0	0	30.03	0.00	0.00	0.00	0.00	0.00
1984	12	0	0	49.85	0.00	0.00	0.00	0.00	0.00
1985	1	0	0	57.64	0.00	0.00	0.00	0.00	0.00
1985	2	0	0	90.52	0.00	0.00	0.00	0.00	0.00
1985	3	0	0	81.81	0.00	0.00	0.00	0.00	0.00
1985	4	0	0	28.73	0.00	0.00	0.00	0.00	0.00
1985	5	0	0	112.31	0.00	0.00	0.00	0.00	0.00
1985	6	0	0	102.19	0.00	0.00	3.63	3.55	3.63
1985	7	0	0	5.02	0.00	0.00	0.00	0.00	0.00
1985	8	0	0	2.74	0.00	0.00	0.33	12.20	0.33
1985	9	0	0	0.30	0.00	0.00	0.00	0.00	0.00
Year	Mon	SSM				Convey.	% Cutback	Total Cutback	% Total Cutback
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume				
1985	10	0	0	7.94	0.00	0.00	0.00	0.00	0.00
1985	11	0	0	30.07	0.00	0.00	0.00	0.00	0.00
1985	12	0	0	15.06	0.00	0.00	0.00	0.00	0.00
1986	1	0	0	11.54	0.00	0.00	0.00	0.00	0.00
1986	2	0	0	45.07	0.00	0.00	0.00	0.00	0.00
1986	3	0	0	17.88	0.00	0.00	0.00	0.00	0.00
1986	4	0	0	136.28	0.00	0.00	0.00	0.00	0.00
1986	5	0	0	132.75	0.00	0.00	0.07	0.05	0.07
1986	6	0	0	19.98	0.00	0.00	0.00	0.00	0.00
1986	7	0	0	3.13	0.00	0.00	0.00	0.00	0.00
1986	8	0	0	0.00	0.00	0.00	0.00	0.00	0.00
1986	9	0	0	5.39	0.00	0.00	0.00	0.00	0.00
Year	Mon	SSM				Convey.	% Cutback	Total Cutback	% Total Cutback
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume				
1986	10	0	0	29.63	0.00	0.00	0.00	0.00	0.00
1986	11	0	0	30.08	0.00	0.00	0.00	0.00	0.00
1986	12	0	0	33.30	0.00	0.00	0.00	0.00	0.00
1987	1	0	0	11.22	0.00	0.00	0.00	0.00	0.00
1987	2	0	0	19.39	0.00	0.00	0.00	0.00	0.00
1987	3	0	0	19.09	0.00	0.00	0.00	0.00	0.00
1987	4	0	0	107.19	0.00	0.00	0.02	0.02	0.02
1987	5	0	0	111.09	0.00	0.00	0.00	0.00	0.00
1987	6	0	0	114.46	0.00	0.00	0.03	0.03	0.03
1987	7	0	0	13.30	0.00	0.00	0.00	0.00	0.00
1987	8	0	0	45.36	0.00	0.00	0.00	0.00	0.00
1987	9	14	3	10.36	2.27	21.97	0.00	0.00	21.97
Year	Mon	SSM				Convey.	% Cutback	Total Cutback	% Total Cutback
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume				
1987	10	13	0	17.38	0.00	0.00	0.00	0.00	0.00
1987	11	0	0	30.10	0.00	0.00	0.00	0.00	0.00
1987	12	0	0	39.80	0.00	0.00	0.00	0.00	0.00
1988	1	0	0	8.95	0.00	0.00	0.00	0.00	0.00
1988	2	0	0	11.47	0.00	0.00	0.00	0.00	0.00
1988	3	0	0	25.12	0.00	0.00	0.00	0.00	0.00
1988	4	0	0	135.83	0.00	0.00	0.00	0.00	0.00
1988	5	0	0	109.38	0.00	0.00	0.00	0.00	0.00
1988	6	0	0	55.28	0.00	0.00	0.22	0.40	0.22
1988	7	0	0	6.71	0.00	0.00	0.00	0.00	0.00
1988	8	0	0	0.02	0.00	0.00	0.00	0.00	0.00
1988	9	0	0	45.28	0.00	0.00	0.00	0.00	0.00

Year	Mon					SSM Cutback Volume	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
		# Days SSM	# Days SSMwC.B.	Supplem. Volume	% SSM Cutback					
1988	10	0	0	120.72	0.00	0.00	0.00	0.00	0.00	0.00
1988	11	0	0	30.07	0.00	0.00	0.00	0.00	0.00	0.00
1988	12	0	0	42.99	0.00	0.00	0.00	0.00	0.00	0.00
1989	1	0	0	50.22	0.00	0.00	0.00	0.00	0.00	0.00
1989	2	0	0	86.43	0.00	0.00	0.00	0.00	0.00	0.00
1989	3	0	0	52.80	0.00	0.00	0.00	0.00	0.00	0.00
1989	4	0	0	45.39	0.00	0.00	0.00	0.00	0.00	0.00
1989	5	0	0	130.10	0.00	0.00	0.00	0.00	0.00	0.00
1989	6	0	0	120.45	0.00	0.00	5.36	4.45	5.36	4.45
1989	7	0	0	29.75	0.00	0.00	0.00	0.00	0.00	0.00
1989	8	0	0	5.01	0.00	0.00	0.00	0.00	0.00	0.00
1989	9	0	0	0.85	0.00	0.00	0.00	0.00	0.00	0.00
Year						SSM Cutback Volume	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
		# Days SSM	# Days SSMwC.B.	Supplem. Volume	% SSM Cutback					
1989	10	0	0	13.98	0.00	0.00	0.00	0.00	0.00	0.00
1989	11	0	0	30.09	0.00	0.00	0.00	0.00	0.00	0.00
1989	12	0	0	26.78	0.00	0.00	0.00	0.00	0.00	0.00
1990	1	0	0	55.51	0.00	0.00	0.00	0.00	0.00	0.00
1990	2	0	0	11.45	0.00	0.00	0.00	0.00	0.00	0.00
1990	3	0	0	68.30	0.00	0.00	0.00	0.00	0.00	0.00
1990	4	0	0	92.23	0.00	0.00	0.00	0.00	0.00	0.00
1990	5	0	0	47.45	0.00	0.00	0.00	0.00	0.00	0.00
1990	6	0	0	57.15	0.00	0.00	1.21	2.11	1.21	2.11
1990	7	0	0	4.94	0.00	0.00	0.00	0.00	0.00	0.00
1990	8	0	0	2.46	0.00	0.00	0.00	0.00	0.00	0.00
1990	9	0	0	19.15	0.00	0.00	0.00	0.00	0.00	0.00
Year						SSM Cutback Volume	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
		# Days SSM	# Days SSMwC.B.	Supplem. Volume	% SSM Cutback					
1990	10	0	0	14.24	0.00	0.00	0.00	0.00	0.00	0.00
1990	11	0	0	30.09	0.00	0.00	0.00	0.00	0.00	0.00
1990	12	0	0	69.42	0.00	0.00	0.00	0.00	0.00	0.00
1991	1	0	0	4.56	0.00	0.00	0.00	0.00	0.00	0.00
1991	2	0	0	26.40	0.00	0.00	0.00	0.00	0.00	0.00
1991	3	0	0	54.55	0.00	0.00	0.00	0.00	0.00	0.00
1991	4	0	0	3.84	0.00	0.00	0.00	0.00	0.00	0.00
1991	5	0	0	49.72	0.00	0.00	0.00	0.00	0.00	0.00
1991	6	0	0	15.25	0.00	0.00	0.00	0.00	0.00	0.00
1991	7	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	8	0	0	8.04	0.00	0.00	0.00	0.00	0.00	0.00
1991	9	0	0	4.96	0.00	0.00	0.00	0.00	0.00	0.00
Year					SSM Cutback Volume	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplem. Volume	% SSM Cutback					
1991	10	0	0	11.76	0.00	0.00	0.00	0.00	0.00	0.00
1991	11	0	0	30.08	0.00	0.00	0.00	0.00	0.00	0.00
1991	12	0	0	39.02	0.00	0.00	0.00	0.00	0.00	0.00
1992	1	0	0	17.90	0.00	0.00	0.00	0.00	0.00	0.00
1992	2	0	0	22.22	0.00	0.00	0.00	0.00	0.00	0.00
1992	3	0	0	31.09	0.00	0.00	0.00	0.00	0.00	0.00
1992	4	0	0	6.77	0.00	0.00	0.00	0.00	0.00	0.00
1992	5	0	0	204.66	0.00	0.00	0.07	0.03	0.07	0.03
1992	6	0	0	22.39	0.00	0.00	0.05	0.23	0.05	0.23
1992	7	0	0	17.49	0.00	0.00	0.00	0.00	0.00	0.00
1992	8	0	0	6.21	0.00	0.00	0.00	0.00	0.00	0.00
1992	9	0	0	0.90	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	SSM				Convey.		% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback
1992	10	0	0	50.83	0.00	0.00	0.00	0.00	0.00
1992	11	0	0	30.05	0.00	0.00	0.00	0.00	0.00
1992	12	0	0	41.04	0.00	0.00	0.00	0.00	0.00
1993	1	0	0	0.19	0.00	0.00	0.00	0.00	0.00
1993	2	0	0	7.60	0.00	0.00	0.00	0.00	0.00
1993	3	0	0	19.69	0.00	0.00	0.00	0.00	0.00
1993	4	0	0	55.82	0.00	0.00	0.00	0.00	0.00
1993	5	0	0	181.10	0.00	0.00	0.01	0.00	0.01
1993	6	0	0	38.94	0.00	0.00	0.00	0.00	0.00
1993	7	0	0	43.59	0.00	0.00	0.00	0.00	0.00
1993	8	0	0	40.24	0.00	0.00	0.00	0.00	0.00
1993	9	0	0	2.74	0.00	0.00	0.00	0.00	0.00
Year	Mon	SSM				Convey.		% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback
1993	10	0	0	3.05	0.00	0.00	0.00	0.00	0.00
1993	11	0	0	30.08	0.00	0.00	0.00	0.00	0.00
1993	12	0	0	48.20	0.00	0.00	0.00	0.00	0.00
1994	1	0	0	6.84	0.00	0.00	0.00	0.00	0.00
1994	2	0	0	8.73	0.00	0.00	0.00	0.00	0.00
1994	3	0	0	43.45	0.00	0.00	0.00	0.00	0.00
1994	4	0	0	48.60	0.00	0.00	0.00	0.00	0.00
1994	5	0	0	97.52	0.00	0.00	0.00	0.00	0.00
1994	6	0	0	18.40	0.00	0.00	0.00	0.00	0.00
1994	7	0	0	16.52	0.00	0.00	0.00	0.00	0.00
1994	8	0	0	0.17	0.00	0.00	0.00	0.00	0.00
1994	9	0	0	0.55	0.00	0.00	0.00	0.00	0.00
Year	Mon	SSM				Convey.		% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback
1994	10	0	0	7.57	0.00	0.00	0.00	0.00	0.00
1994	11	0	0	30.07	0.00	0.00	0.00	0.00	0.00
1994	12	0	0	0.04	0.00	0.00	0.00	0.00	0.00
1995	1	0	0	3.48	0.00	0.00	0.00	0.00	0.00
1995	2	0	0	7.83	0.00	0.00	0.00	0.00	0.00
1995	3	0	0	30.41	0.00	0.00	0.00	0.00	0.00
1995	4	0	0	73.22	0.00	0.00	0.00	0.00	0.00
1995	5	0	0	92.15	0.00	0.00	0.00	0.00	0.00
1995	6	0	0	25.18	0.00	0.00	0.29	1.16	0.29
1995	7	0	0	11.65	0.00	0.00	0.00	0.00	0.00
1995	8	0	0	1.86	0.00	0.00	0.00	0.00	0.00
1995	9	0	0	10.25	0.00	0.00	0.00	0.00	0.00
Year	Mon	SSM				Convey.		% Total Cutback	
		# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback
1995	10	0	0	0.83	0.00	0.00	0.00	0.00	0.00
1995	11	0	0	30.09	0.00	0.00	0.00	0.00	0.00
1995	12	0	0	27.23	0.00	0.00	0.00	0.00	0.00
1996	1	0	0	11.80	0.00	0.00	0.00	0.00	0.00
1996	2	0	0	73.35	0.00	0.00	0.00	0.00	0.00
1996	3	0	0	33.78	0.00	0.00	0.00	0.00	0.00
1996	4	0	0	59.94	0.00	0.00	0.00	0.00	0.00
1996	5	0	0	34.65	0.00	0.00	0.00	0.00	0.00
1996	6	0	0	2.94	0.00	0.00	0.00	0.00	0.00
1996	7	0	0	55.31	0.00	0.00	0.00	0.00	0.00
1996	8	0	0	13.75	0.00	0.00	0.00	0.00	0.00
1996	9	0	0	28.61	0.00	0.00	0.00	0.00	0.00

Year Mon		SSM			Convey.		% Total Cutback		
# Days SSM	# Days SSMwC.B.	Supplem. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback	
1996 10	0	0	15.95	0.00	0.00	0.00	0.00	0.00	
1996 11	0	0	30.06	0.00	0.00	0.00	0.00	0.00	
1996 12	0	0	64.29	0.00	0.00	0.00	0.00	0.00	
1997 1	0	0	39.96	0.00	0.00	0.00	0.00	0.00	
1997 2	0	0	44.63	0.00	0.00	0.03	0.07	0.03	
1997 3	0	0	57.66	0.00	0.00	0.01	0.02	0.01	
1997 4	0	0	31.38	0.00	0.00	0.00	0.00	0.00	
1997 5	0	0	17.83	0.00	0.00	0.00	0.00	0.00	
1997 6	0	0	31.64	0.00	0.00	0.56	1.78	0.56	
1997 7	0	0	12.22	0.00	0.00	0.00	0.00	0.00	
1997 8	0	0	1.95	0.00	0.00	0.00	0.00	0.00	
1997 9	0	0	6.09	0.00	0.00	0.00	0.00	0.00	
Year Mon		SSM			Convey.		% Total Cutback		
# Days SSM	# Days SSMwC.B.	Supplem. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback	
1997 10	0	0	46.55	0.00	0.00	0.00	0.00	0.00	
1997 11	0	0	30.11	0.00	0.00	0.00	0.00	0.00	
1997 12	0	0	0.23	0.00	0.00	0.00	0.00	0.00	
1998 1	0	0	2.15	0.00	0.00	0.00	0.00	0.00	
1998 2	0	0	1.95	0.00	0.00	0.00	0.00	0.00	
1998 3	0	0	4.59	0.00	0.00	0.00	0.00	0.00	
1998 4	0	0	92.39	0.00	0.00	0.00	0.00	0.00	
1998 5	0	0	132.39	0.00	0.00	0.15	0.12	0.15	
1998 6	0	0	153.04	0.00	0.00	1.48	0.97	1.48	
1998 7	0	0	23.77	0.00	0.00	0.00	0.00	0.00	
1998 8	0	0	7.47	0.00	0.00	0.02	0.31	0.02	
1998 9	0	0	1.76	0.00	0.00	0.00	0.00	0.00	
Year Mon		SSM			Convey.		% Total Cutback		
# Days SSM	# Days SSMwC.B.	Supplem. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback	
1998 10	0	0	22.81	0.00	0.00	0.00	0.00	0.00	
1998 11	0	0	30.10	0.00	0.00	0.00	0.00	0.00	
1998 12	0	0	27.95	0.00	0.00	0.00	0.00	0.00	
1999 1	0	0	10.15	0.00	0.00	0.00	0.00	0.00	
1999 2	0	0	44.97	0.00	0.00	0.00	0.00	0.00	
1999 3	0	0	122.59	0.00	0.00	0.00	0.00	0.00	
1999 4	0	0	130.14	0.00	0.00	0.00	0.00	0.00	
1999 5	0	0	89.95	0.00	0.00	0.00	0.00	0.00	
1999 6	0	0	7.09	0.00	0.00	0.02	0.23	0.02	
1999 7	0	0	8.07	0.00	0.00	0.00	0.00	0.00	
1999 8	0	0	13.77	0.00	0.00	0.00	0.00	0.00	
1999 9	0	0	0.80	0.00	0.00	0.00	0.00	0.00	
Year Mon		SSM			Convey.		% Total Cutback		
# Days SSM	# Days SSMwC.B.	Supplem. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback	
1999 10	0	0	0.42	0.00	0.00	0.00	0.00	0.00	
1999 11	0	0	30.06	0.00	0.00	0.00	0.00	0.00	
1999 12	0	0	41.96	0.00	0.00	0.00	0.00	0.00	
2000 1	0	0	57.10	0.00	0.00	0.00	0.00	0.00	
2000 2	0	0	64.72	0.00	0.00	0.00	0.00	0.00	
2000 3	0	0	72.40	0.00	0.00	0.00	0.00	0.00	
2000 4	0	0	72.47	0.00	0.00	0.00	0.00	0.00	
2000 5	0	0	185.82	0.00	0.00	0.13	0.07	0.13	
2000 6	0	0	151.77	0.00	0.00	1.43	0.94	1.43	
2000 7	0	0	1.86	0.00	0.00	0.00	0.00	0.00	
2000 8	10	4	42.25	4.84	11.47	0.00	0.00	4.84	
2000 9	30	0	2.47	0.00	0.00	0.00	0.00	0.00	

Year Mon		SSM			Convey.			% Total		
# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback		
2000 10	31	6	42.85	3.22	7.52	0.00	0.00	3.22	7.52	
2000 11	0	0	30.06	0.00	0.00	0.00	0.00	0.00	0.00	
2000 12	0	0	67.09	0.00	0.00	0.00	0.00	0.00	0.00	
2001 1	0	0	54.87	0.00	0.00	0.00	0.00	0.00	0.00	
2001 2	0	0	95.73	0.00	0.00	0.00	0.00	0.00	0.00	
2001 3	0	0	60.88	0.00	0.00	0.00	0.00	0.00	0.00	
2001 4	0	0	121.87	0.00	0.00	0.00	0.00	0.00	0.00	
2001 5	0	0	142.89	0.00	0.00	0.71	0.50	0.71	0.50	
2001 6	0	0	43.19	0.00	0.00	0.02	0.04	0.02	0.04	
2001 7	0	0	10.66	0.00	0.00	0.00	0.00	0.00	0.00	
2001 8	0	0	23.22	0.00	0.00	0.00	0.00	0.00	0.00	
2001 9	0	0	5.48	0.00	0.00	0.00	0.00	0.00	0.00	
Year Mon		SSM			Convey.			% Total		
# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback		
2001 10	0	0	10.04	0.00	0.00	0.00	0.00	0.00	0.00	
2001 11	0	0	30.07	0.00	0.00	0.00	0.00	0.00	0.00	
2001 12	0	0	36.56	0.00	0.00	0.00	0.00	0.00	0.00	
2002 1	0	0	25.90	0.00	0.00	0.00	0.00	0.00	0.00	
2002 2	0	0	30.05	0.00	0.00	0.00	0.00	0.00	0.00	
2002 3	0	0	79.29	0.00	0.00	0.00	0.00	0.00	0.00	
2002 4	0	0	107.25	0.00	0.00	0.00	0.00	0.00	0.00	
2002 5	0	0	156.76	0.00	0.00	0.01	0.01	0.01	0.01	
2002 6	0	0	65.23	0.00	0.00	0.31	0.47	0.31	0.47	
2002 7	0	0	12.08	0.00	0.00	0.00	0.00	0.00	0.00	
2002 8	0	0	12.92	0.00	0.00	0.00	0.00	0.00	0.00	
2002 9	0	0	10.55	0.00	0.00	0.00	0.00	0.00	0.00	
Year Mon		SSM			Convey.			% Total		
# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback		
2002 10	0	0	11.79	0.00	0.00	0.00	0.00	0.00	0.00	
2002 11	0	0	30.08	0.00	0.00	0.00	0.00	0.00	0.00	
2002 12	0	0	4.08	0.00	0.00	0.00	0.00	0.00	0.00	
2003 1	0	0	42.83	0.00	0.00	0.00	0.00	0.00	0.00	
2003 2	0	0	56.19	0.00	0.00	0.00	0.00	0.00	0.00	
2003 3	0	0	34.81	0.00	0.00	0.00	0.00	0.00	0.00	
2003 4	0	0	67.96	0.00	0.00	0.00	0.00	0.00	0.00	
2003 5	0	0	55.20	0.00	0.00	0.00	0.00	0.00	0.00	
2003 6	0	0	15.38	0.00	0.00	0.00	0.00	0.00	0.00	
2003 7	0	0	13.78	0.00	0.00	0.00	0.00	0.00	0.00	
2003 8	0	0	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
2003 9	0	0	1.20	0.00	0.00	0.00	0.00	0.00	0.00	
Year Mon		SSM			Convey.			% Total		
# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback		
2003 10	0	0	41.02	0.00	0.00	0.00	0.00	0.00	0.00	
2003 11	0	0	30.13	0.00	0.00	0.00	0.00	0.00	0.00	
2003 12	0	0	21.75	0.00	0.00	0.00	0.00	0.00	0.00	
2004 1	0	0	40.94	0.00	0.00	0.00	0.00	0.00	0.00	
2004 2	0	0	16.96	0.00	0.00	0.00	0.00	0.00	0.00	
2004 3	0	0	99.57	0.00	0.00	0.00	0.00	0.00	0.00	
2004 4	0	0	99.21	0.00	0.00	0.00	0.00	0.00	0.00	
2004 5	0	0	198.41	0.00	0.00	0.05	0.02	0.05	0.02	
2004 6	0	0	52.87	0.00	0.00	0.52	0.98	0.52	0.98	
2004 7	0	0	37.17	0.00	0.00	0.03	0.09	0.03	0.09	
2004 8	0	0	0.47	0.00	0.00	0.29	62.69	0.29	62.69	
2004 9	0	0	0.15	0.00	0.00	0.00	0.00	0.00	0.00	

Year	Mon	SSM			Convey.			% Total		
		# Days SSM	# Days SSMwC.B.	Supplem. Volume	Cutback Volume	% SSM Cutback	Convey. Volume	Cutback Convey.	Total Cutback	% Total Cutback
2004	10	0	0	8.38	0.00	0.00	0.00	0.00	0.00	
2004	11	0	0	30.07	0.00	0.00	0.00	0.00	0.00	
2004	12	0	0	50.15	0.00	0.00	0.00	0.00	0.00	
2005	1	0	0	41.85	0.00	0.00	0.00	0.00	0.00	
2005	2	0	0	79.09	0.00	0.00	0.00	0.00	0.00	
2005	3	0	0	0.39	0.00	0.00	0.00	0.00	0.00	
2005	4	0	0	58.91	0.00	0.00	0.00	0.00	0.00	
2005	5	0	0	66.63	0.00	0.00	0.01	0.02	0.01	
2005	6	0	0	4.32	0.00	0.00	0.00	0.00	0.00	
2005	7	0	0	19.62	0.00	0.00	0.00	0.00	0.00	
2005	8	0	0	5.97	0.00	0.00	0.00	0.00	0.00	
2005	9	0	0	12.73	0.00	0.00	0.00	0.00	0.00	

Annual Supply Side Management Results
 for the Lake Okeechobee Service Area
 Report by Water Years Oct-Sep
 (Volumes in 1000 ac-ft)

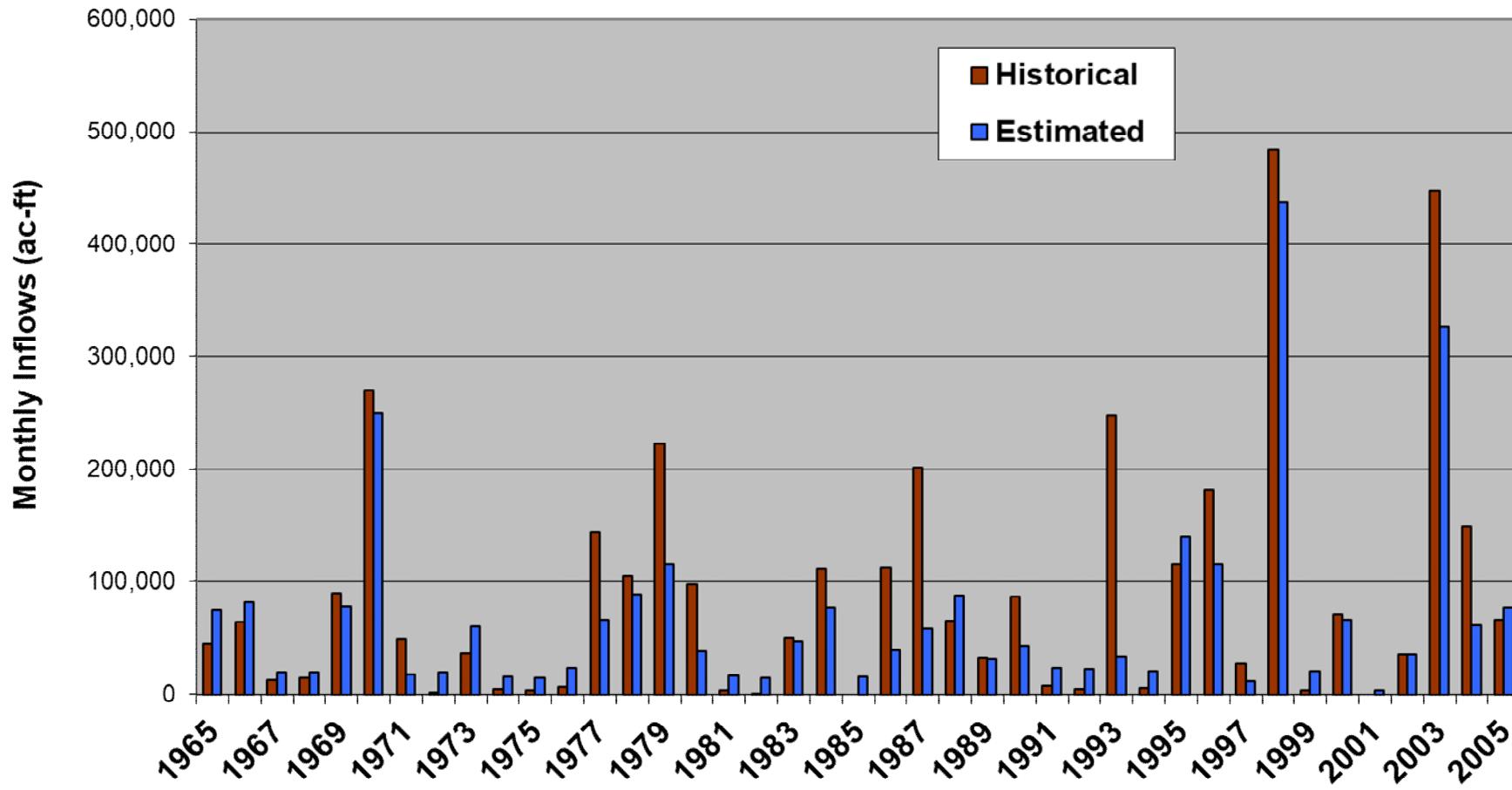
Run:

SFWMM v6.7.4 - December 01, 2020 DPA Final LOK Stage 16.12

Note: SSM stands for Supply Side Management
 SSMwC.B. stands for Supply Side Management with cutback

Wat_Year	SSM			Convey.			% Total		
	# Days SSM	# Days SSMwC.B.	Supplm. Volume	Cutback Volume	% SSM Cutback	Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
<hr/>									
1966	0	0	259.42	0.00	0.00	0.01	0.00	0.01	0.00
1967	0	0	658.86	0.00	0.00	1.29	0.20	1.29	0.20
1968	0	0	415.17	0.00	0.00	0.00	0.00	0.00	0.00
1969	0	0	327.66	0.00	0.00	0.00	0.00	0.00	0.00
1970	0	0	356.48	0.00	0.00	0.02	0.01	0.02	0.01
1971	0	0	672.14	0.00	0.00	0.35	0.05	0.35	0.05
1972	0	0	434.74	0.00	0.00	0.63	0.14	0.63	0.14
1973	9	6	455.03	3.26	0.72	0.04	0.01	3.30	0.73
1974	0	0	538.09	0.00	0.00	0.03	0.00	0.03	0.00
1975	0	0	493.20	0.00	0.00	0.11	0.02	0.11	0.02
1976	0	0	459.18	0.00	0.00	0.00	0.00	0.00	0.00
1977	0	0	539.31	0.00	0.00	0.00	0.00	0.00	0.00
1978	0	0	329.15	0.00	0.00	0.00	0.00	0.00	0.00
1979	0	0	468.73	0.00	0.00	1.65	0.35	1.65	0.35
1980	0	0	441.31	0.00	0.00	0.80	0.18	0.80	0.18
1981	44	0	760.59	0.00	0.00	0.73	0.10	0.73	0.10
1982	31	25	466.32	21.67	4.65	0.06	0.01	21.73	4.66
1983	0	0	416.08	0.00	0.00	0.02	0.00	0.02	0.00
1984	0	0	375.12	0.00	0.00	0.10	0.03	0.10	0.03
1985	0	0	612.84	0.00	0.00	3.96	0.65	3.96	0.65
1986	0	0	425.09	0.00	0.00	0.07	0.02	0.07	0.02
1987	14	3	544.48	2.27	0.42	0.06	0.01	2.33	0.43
1988	13	0	485.34	0.00	0.00	0.22	0.05	0.22	0.05
1989	0	0	714.78	0.00	0.00	5.36	0.75	5.36	0.75
1990	0	0	429.48	0.00	0.00	1.21	0.28	1.21	0.28
1991	0	0	281.08	0.00	0.00	0.00	0.00	0.00	0.00
1992	0	0	410.48	0.00	0.00	0.12	0.03	0.12	0.03
1993	0	0	511.82	0.00	0.00	0.01	0.00	0.01	0.00
1994	0	0	322.11	0.00	0.00	0.00	0.00	0.00	0.00
1995	0	0	293.73	0.00	0.00	0.29	0.10	0.29	0.10
1996	0	0	372.29	0.00	0.00	0.00	0.00	0.00	0.00
1997	0	0	353.67	0.00	0.00	0.60	0.17	0.60	0.17
1998	0	0	496.40	0.00	0.00	1.66	0.33	1.66	0.33
1999	0	0	508.38	0.00	0.00	0.02	0.00	0.02	0.00
2000	40	4	723.32	4.84	0.67	1.56	0.22	6.40	0.89
2001	31	6	698.78	3.22	0.46	0.73	0.10	3.95	0.57
2002	0	0	576.70	0.00	0.00	0.32	0.06	0.32	0.06
2003	0	0	333.30	0.00	0.00	0.00	0.00	0.00	0.00
2004	0	0	638.65	0.00	0.00	0.89	0.14	0.89	0.14
2005	0	0	378.10	0.00	0.00	0.01	0.00	0.01	0.00

December 2020 Dynamic Position Analysis
Historical and Estimated S-65E Monthly Flow
for December from 1965 - 2005



December 2020 Dynamic Position Analysis
Historical and Estimated S-65E Monthly Flow
for January from 1965 - 2005

