SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Position Analysis for May 1, 2011

SFWMM Model Simulation of 41 years (1965-2005)

Modeling Assumptions
Discussion of UPA Results

- Position Analysis Tracking Comparison for December 2010 to June 2011
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May 2011 Position Analysis Using Hybrid LOWSM Modeling Assumptions

- May 2011 PA is based on regular Position Analysis applying V6.5.1 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 May 1st of each year
- The Lake Okeechobee Regulation Schedule is LORS2008.
- 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.
- La Niña years are selected by the Climatic Prediction Center. The 2010-2011 La Niña event is expected to end within the next several weeks. If this occurs, a new classification of ENSO years will be required. In the mean time the La Nina years are useful for the 2011 transition from the dry season to the wet season while the La Nina conditions persist.

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

- S-65E inflows entering Lake Okeechobee in the SFWMM simulation were obtained by adding S-65 flows, obtained from the UKISS 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.

- EAA cells in the Miami Canal Basin between STA5 and STA6 are no production cells. It means that land use does not produce demands but generates runoff which should be routed to the same destination as the rest of the Miami Canal Basin.

- Back pumping of excess runoff from the EAA into Lake Okeechobee takes place only under flood control conditions (Interim Action Plan).

- Weekly flow target to the North East Shark River Slough (NESRS) is predicted by the Rainfall Driven formula using previous week's calculated flow target and the preceding 10 weeks of meteorological (rainfall and ET) data. As the simulation moves away from the initialization date (May 1st for this case), a blend of the most recent and historical data is used to compute the flow targets.

- IOP partial implementation has been incorporated to reflect ALT7RP2 scenario.

- ISOP 2001 Operations as of April 1, 2001 are included in the simulations, as described in a letter from USACE (Engineering Division, Hydrology and Hydraulics Branch) to the SFWMD (Water Resources Operations), dated March 25, 2001 and received on March 5, 2001. The main features of these operations are:

    1. Structures S-343A, S-343B, S-344 and S-12A are closed Nov. 1 to July 15.

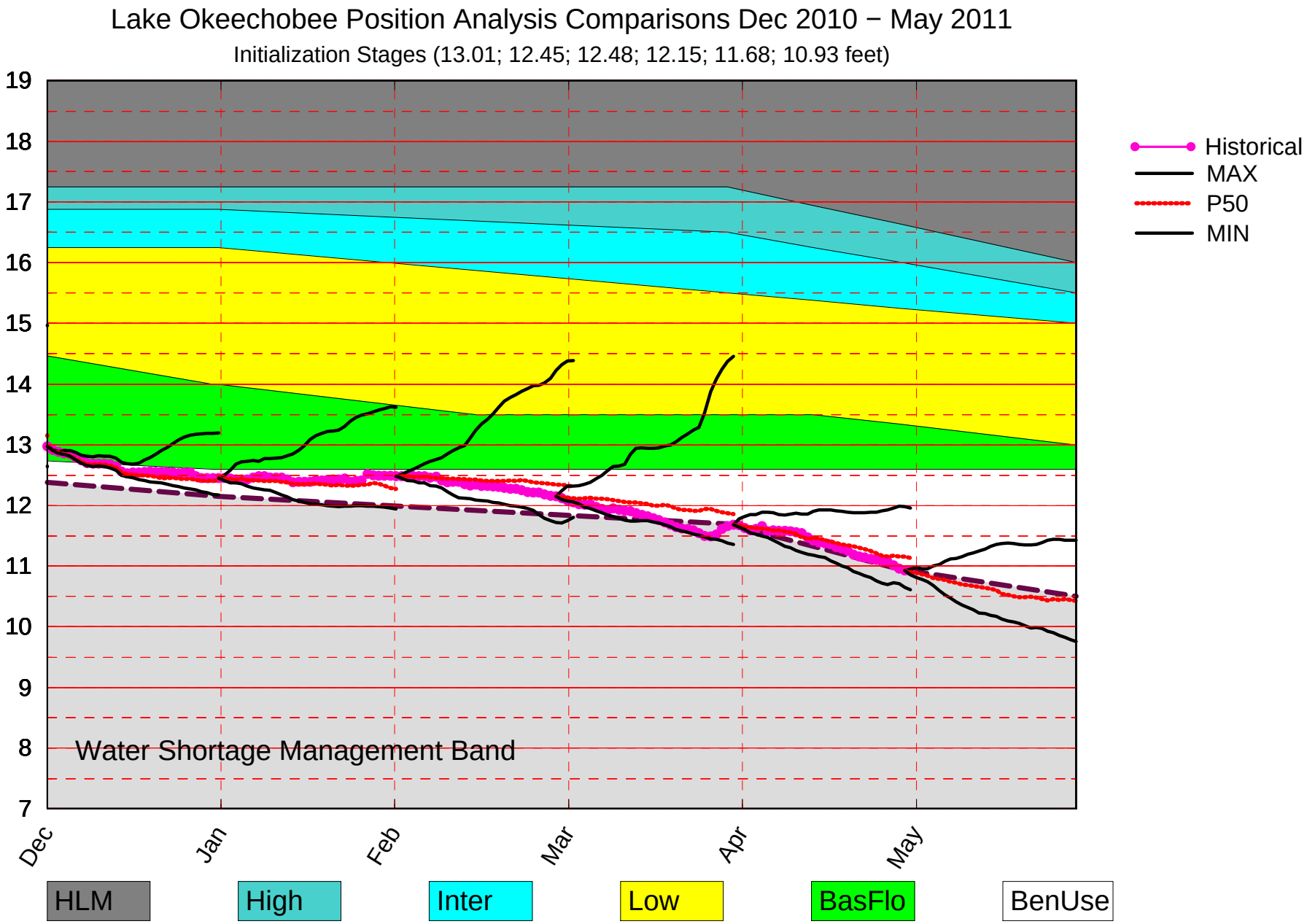
2. Structure S-12B is closed Jan. 1 to July 15.
3. Structure S-12C is closed Feb. 1 to July 15.
4. Operations and maintenance stages in the SDCS were set as specified in the USACE letter.

- When the WCA-3A regulation schedule is in Zone E1 of its regulation schedule the supplemental component of the rainfall plan is no longer calculated. If the rainfall formula amount is greater than zero, then 45% of the Rainfall formula amount is discharged through S12D. The model simulates up to maximum releases at S142, S151, S31, S337, S335, S333, S335A&B and S-334 when permitted by downstream conditions as indicated in the USACE Interim Operating Plan (IOP) description of WCA-3A operations.

- Information for May 2011 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.

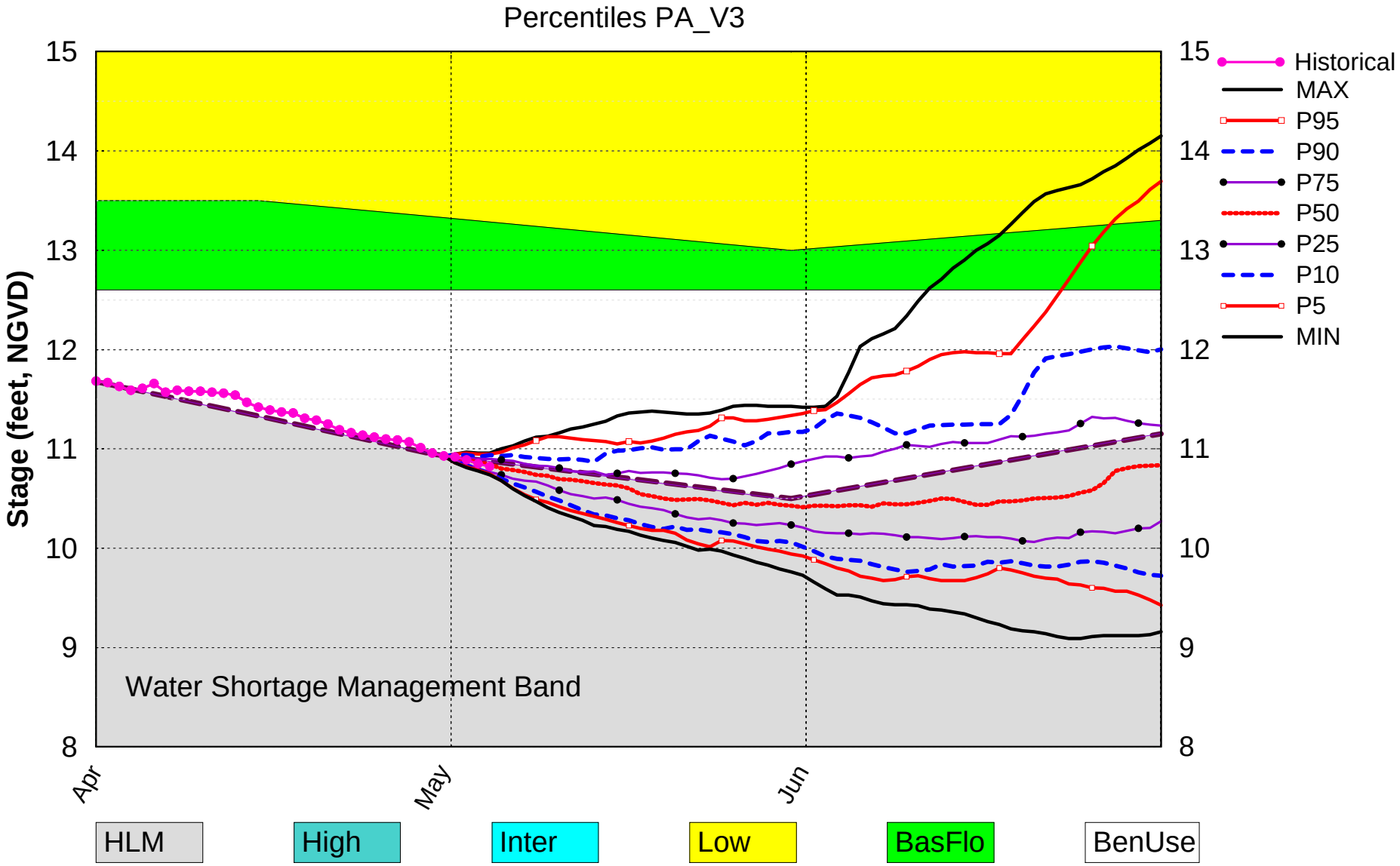
Back to Operational Planning Main Page



Thu May 05 12:38:25 EDT 2011

LORS2008 Schedule Plotted

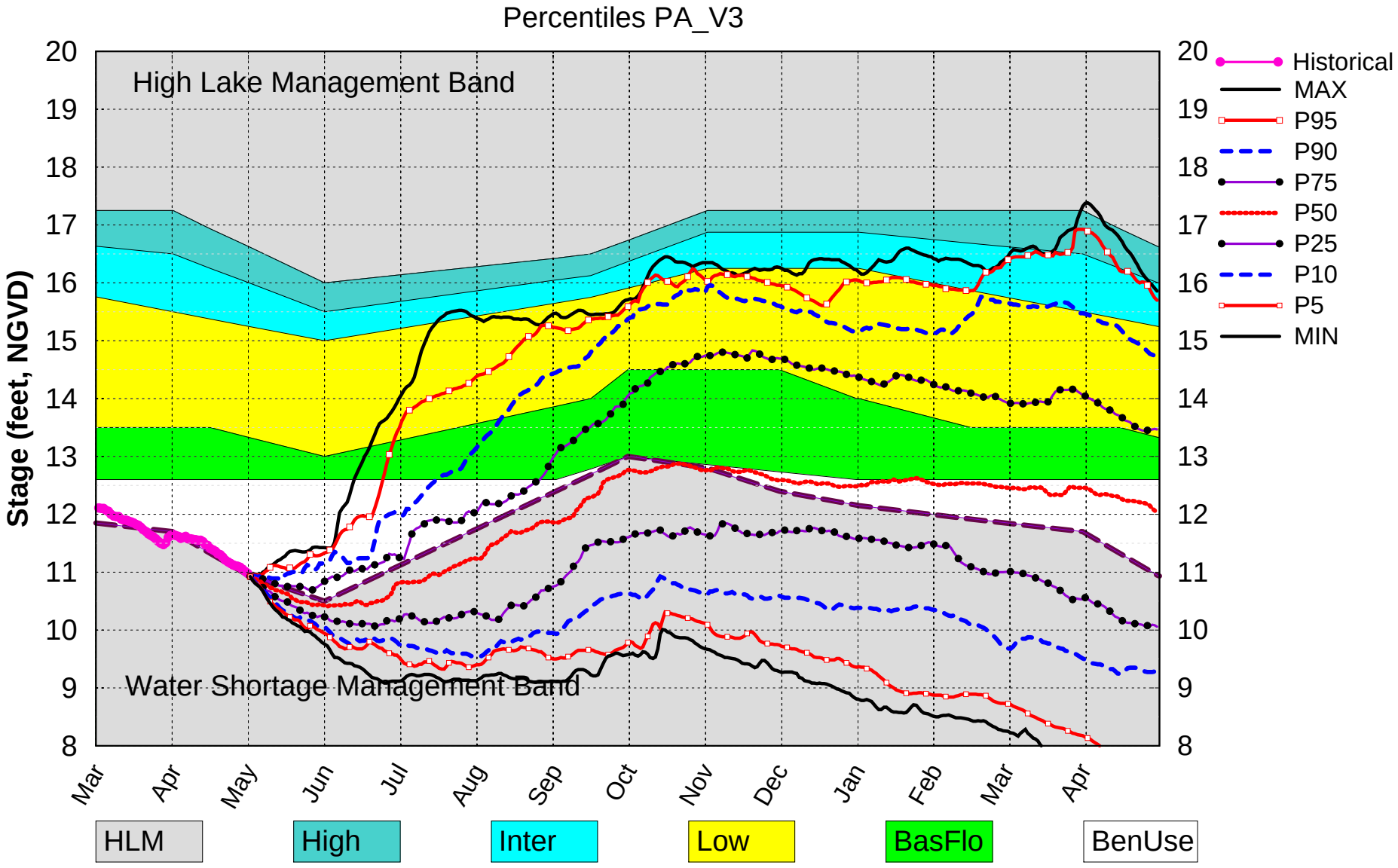
Lake Okeechobee SFWMM May 2011 Position Analysis



(See assumptions on the Position Analysis Results website)

Thu May 5 12:38:15 2011

Lake Okeechobee SFWMM May 2011 Position Analysis

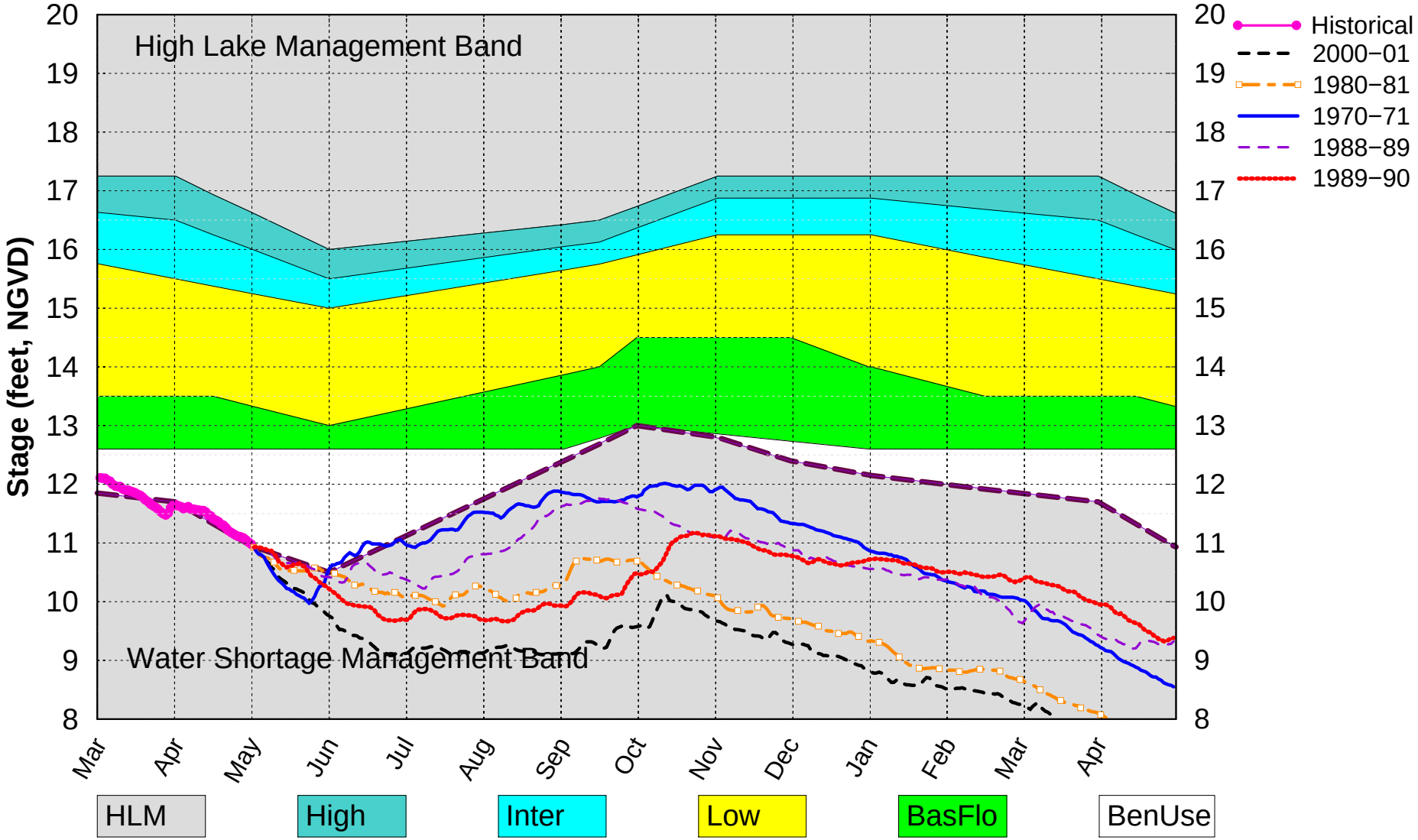


(See assumptions on the Position Analysis Results website)

Thu May 5 12:02:57 2011

Lake Okeechobee SFWMM May 2011 Position Analysis

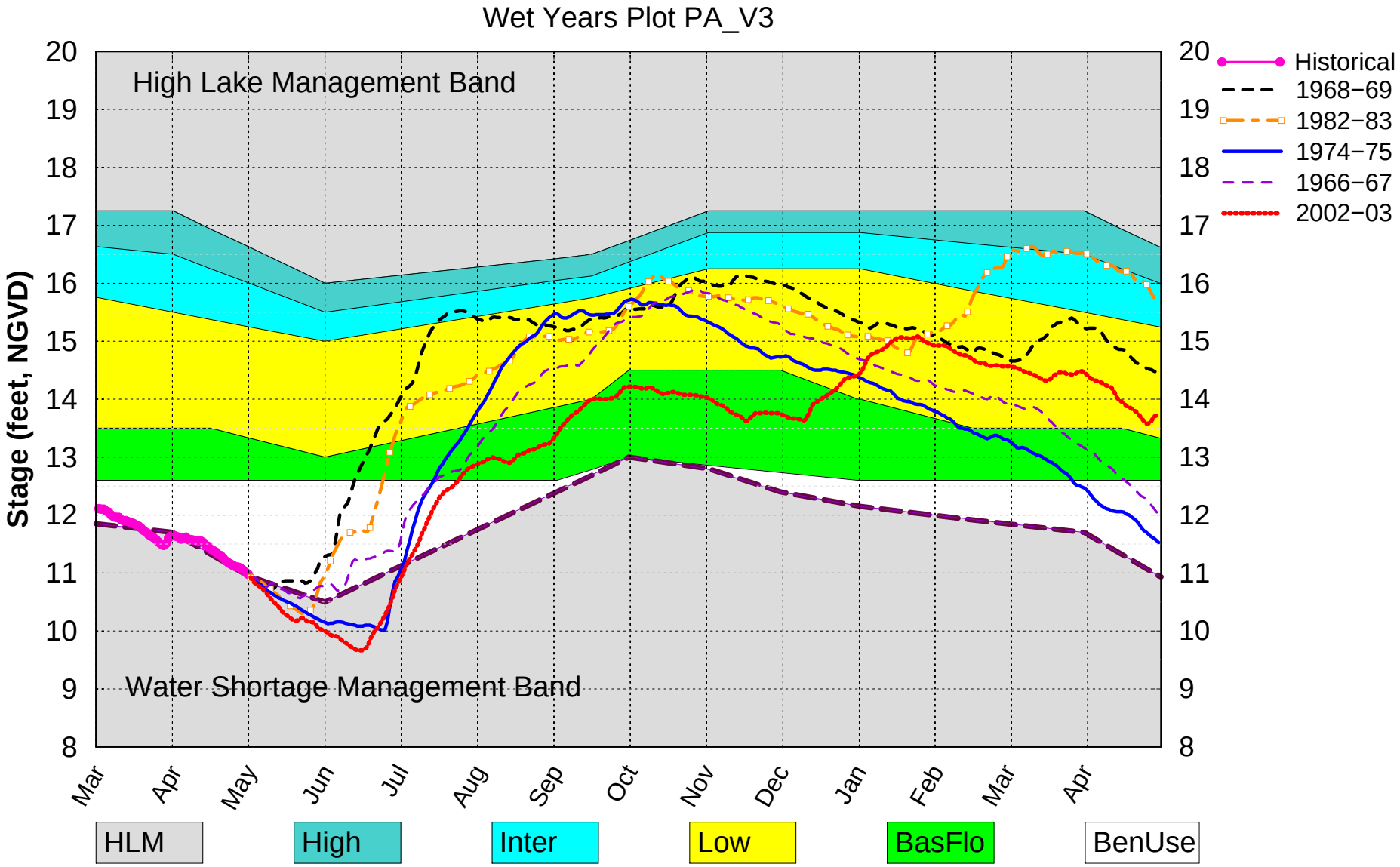
Dry Years Plot PA_V3



(See assumptions on the Position Analysis Results website)

Thu May 5 14:39:09 2011

Lake Okeechobee SFWMM May 2011 Position Analysis

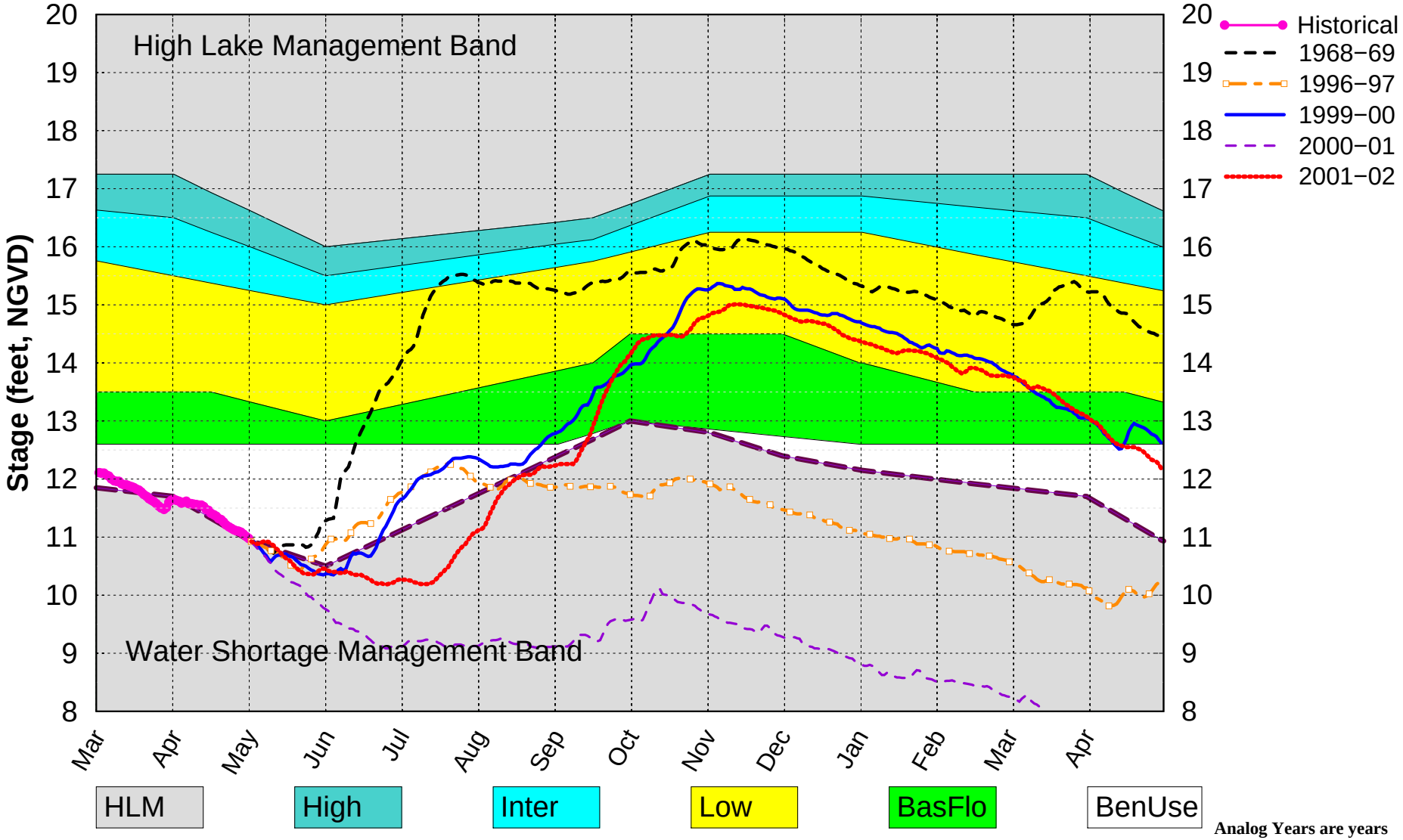


(See assumptions on the Position Analysis Results website)

Thu May 5 14:43:30 2011

Lake Okeechobee SFWMM May 2011 Position Analysis

AMO Warm / La Nina Analog Years Plot PA_V3



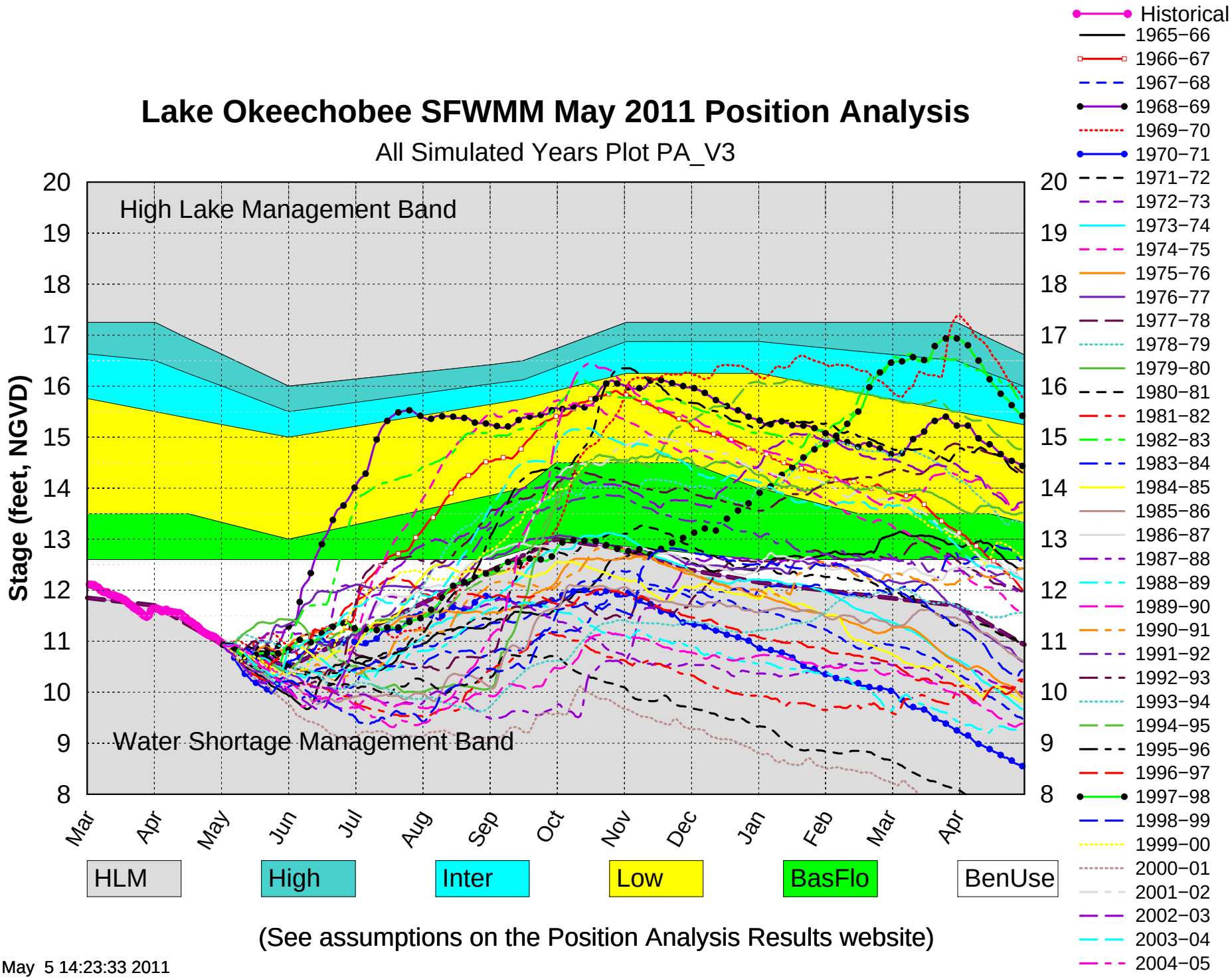
Analog Years are years with similar climatological conditions to the current year.

(See assumptions on the Position Analysis Results website)

Thu May 5 12:03:42 2011

Lake Okeechobee SFWMM May 2011 Position Analysis

All Simulated Years Plot PA_V3

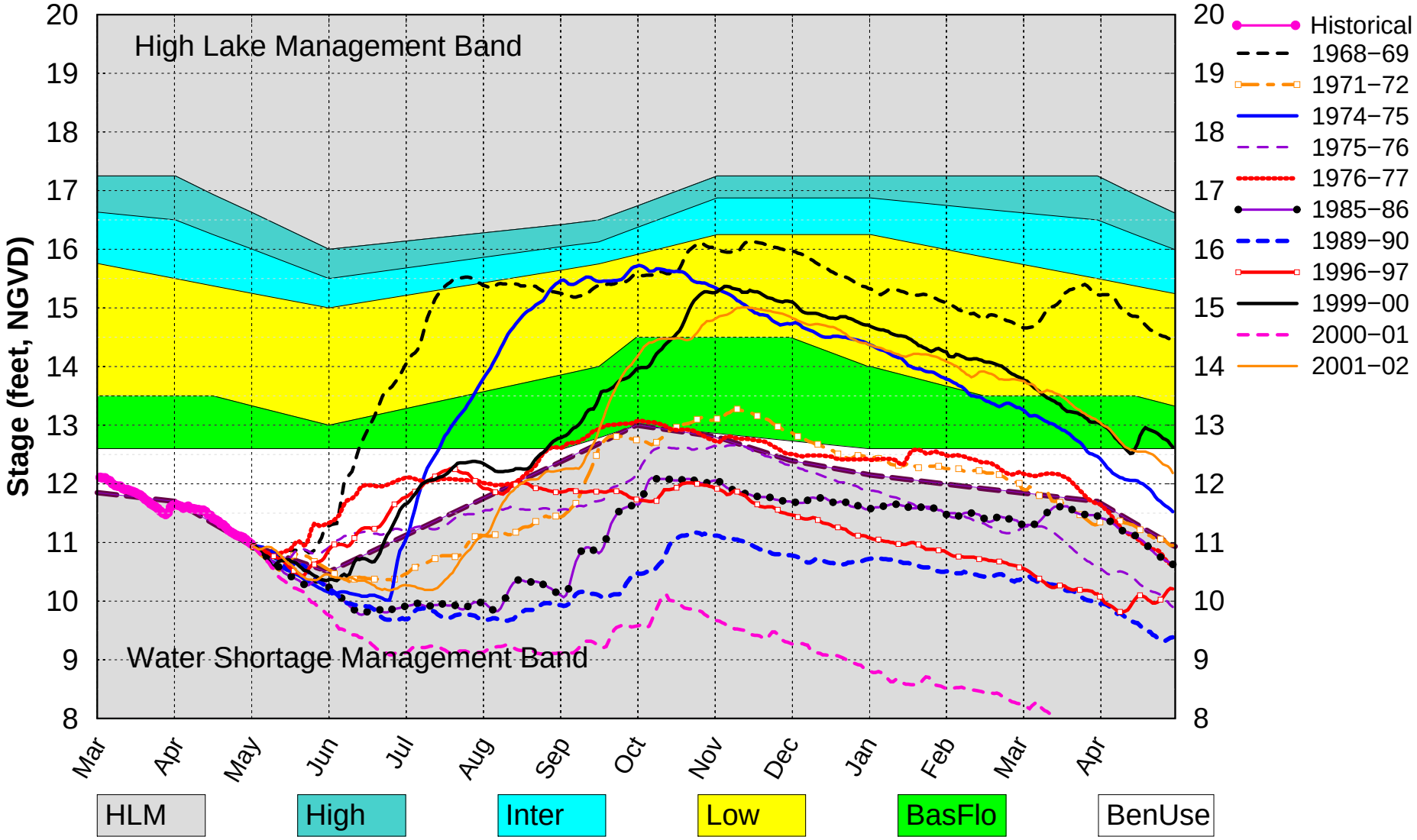


(See assumptions on the Position Analysis Results website)

Thu May 5 14:23:33 2011

Lake Okeechobee SFWMM May 2011 Position Analysis

All La Nina Years Plot PA_V3

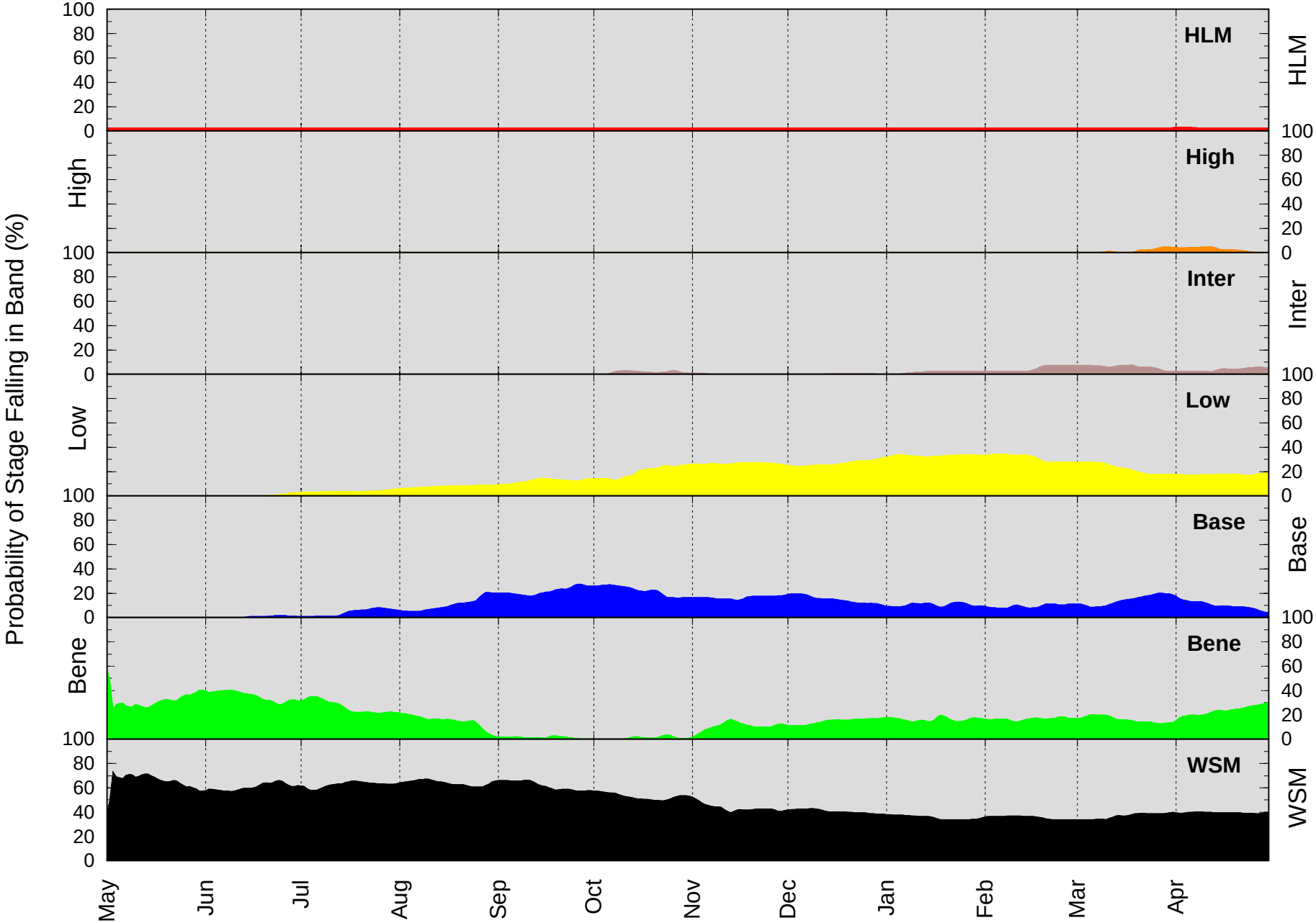


(See assumptions on the Position Analysis Results website)

Thu May 5 12:03:39 2011

Lake Okeechobee – Band Probabilities

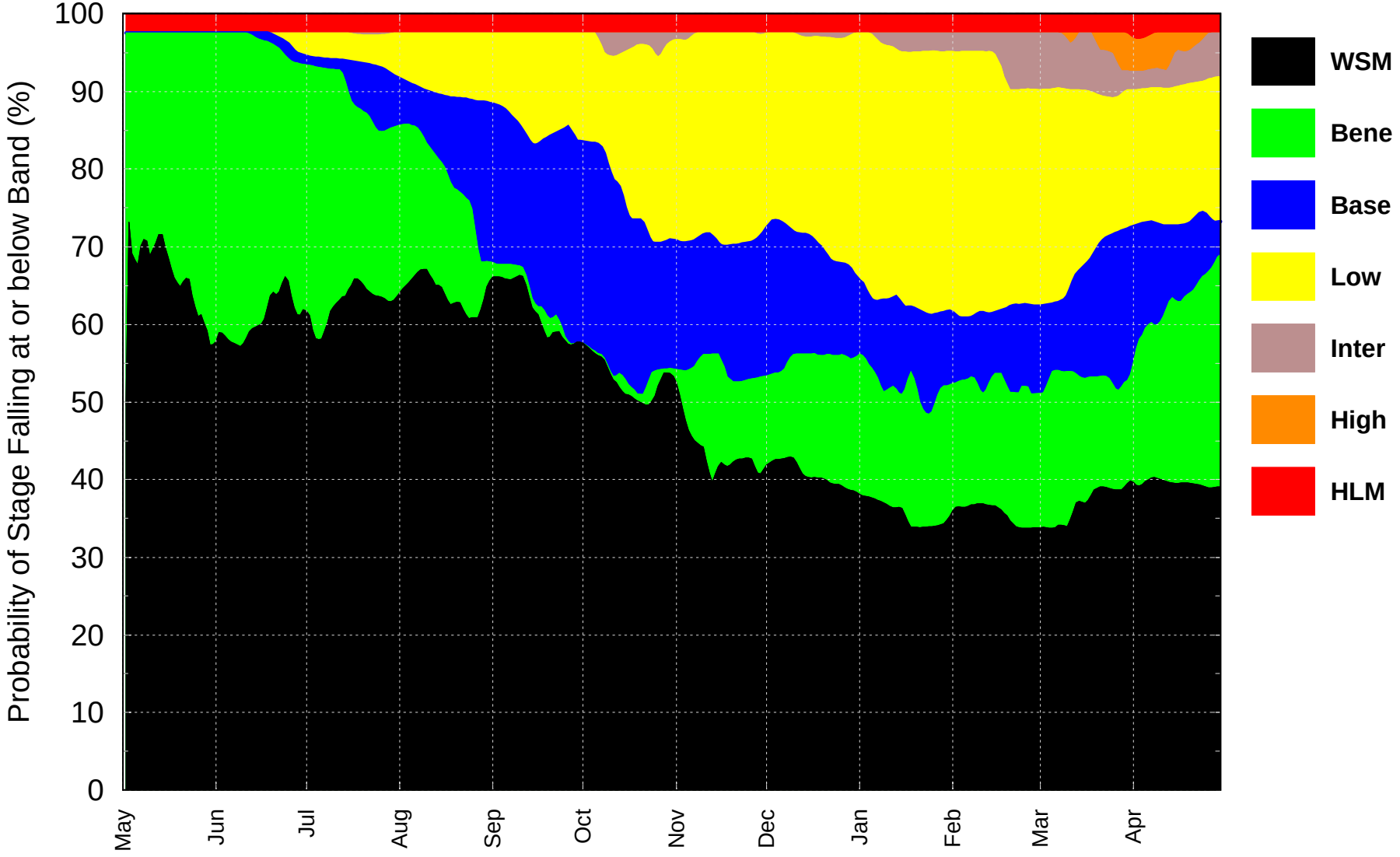
(See assumptions on the Position Analysis Results website)



Thu May 5 12:19:43 2011

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.

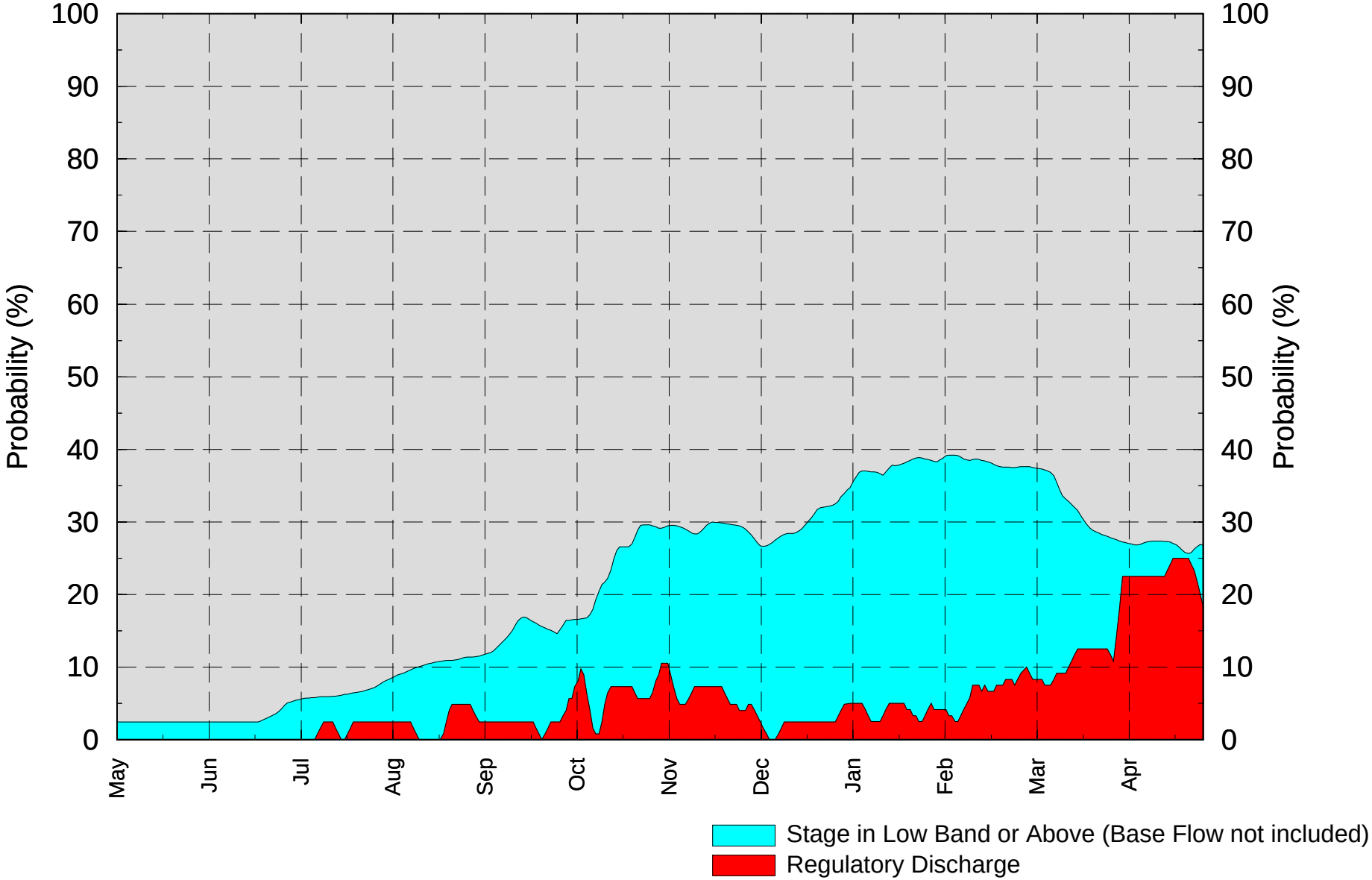
Thu May 5 12:19:42 2011

Lake Okechobee Band Probabilities (%) at the Begining of Each Month
(See assumptions on the Position Analysis Results website)
Initial Stage 10.93 ft. for 05/01/2011

Date	HLM	High	Inter	Low	Base	Bene	WSM
2011 05 01	2.4	0.0	0.0	0.0	0.0	57.3	40.2
2011 06 01	2.4	0.0	0.0	0.0	0.0	39.8	57.8
2011 07 01	2.4	0.0	0.0	3.0	1.1	31.7	61.7
2011 08 01	2.4	0.0	0.0	6.0	6.0	21.6	64.1
2011 09 01	2.4	0.0	0.0	9.2	20.4	1.8	66.1
2011 10 01	2.4	0.0	0.0	14.1	25.9	0.0	57.6
2011 11 01	2.4	0.0	0.8	26.0	16.5	1.8	52.4
2011 12 01	2.4	0.0	0.1	25.1	19.0	11.5	41.9
2012 01 01	2.4	0.0	0.0	32.0	9.4	18.1	38.1
2012 02 01	2.4	0.0	2.4	33.6	9.1	16.4	36.0
2012 03 01	2.4	0.0	7.3	27.9	11.2	17.3	33.8
2012 04 01	3.2	4.2	2.4	17.6	17.5	15.5	39.6

Lake Okeechobee − LORS2008 Releases to the Estuaries

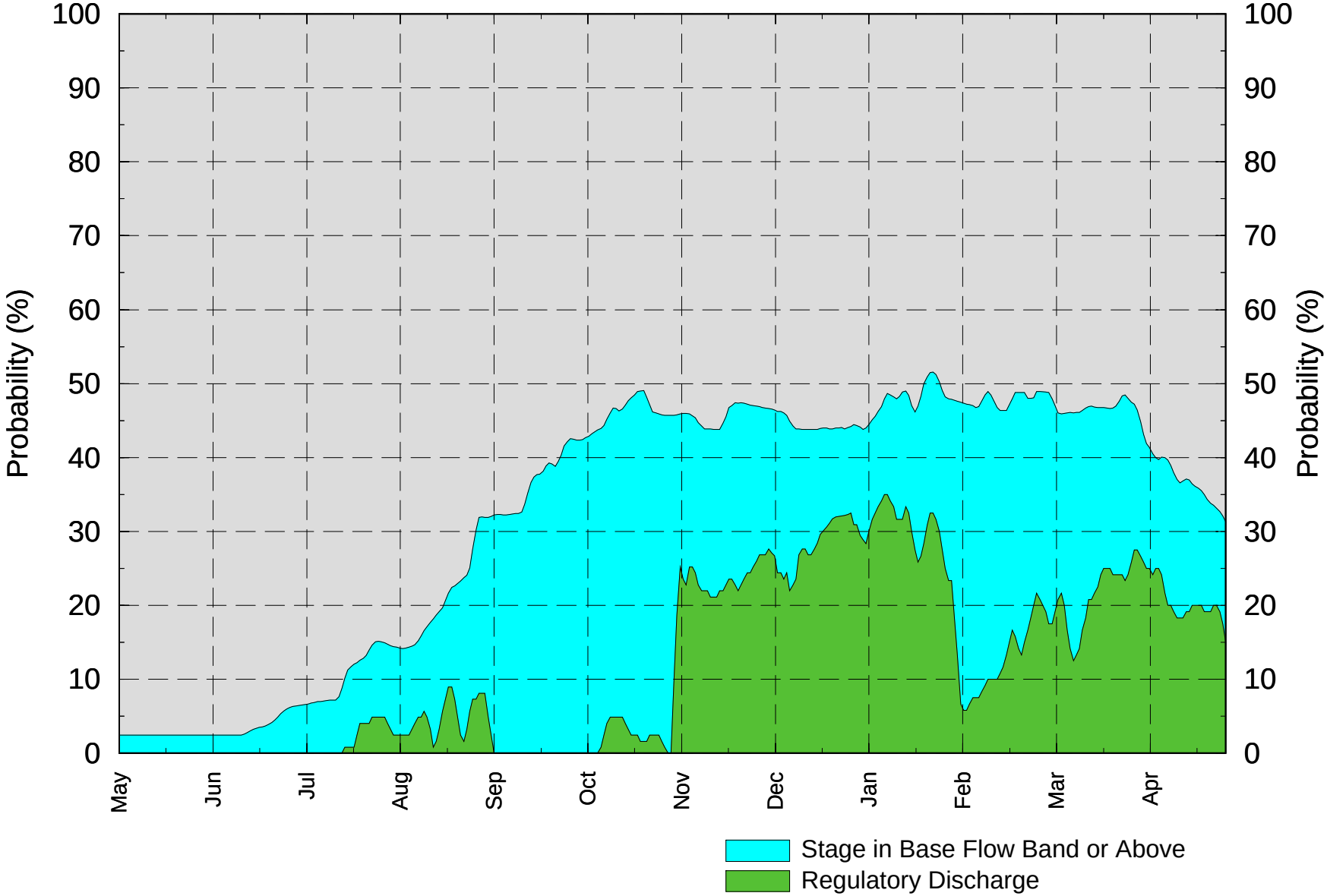
Unconditional PA Operations (See assumptions on the Position Analysis Results website)



Thu May 05 12:21:27 EDT 2011

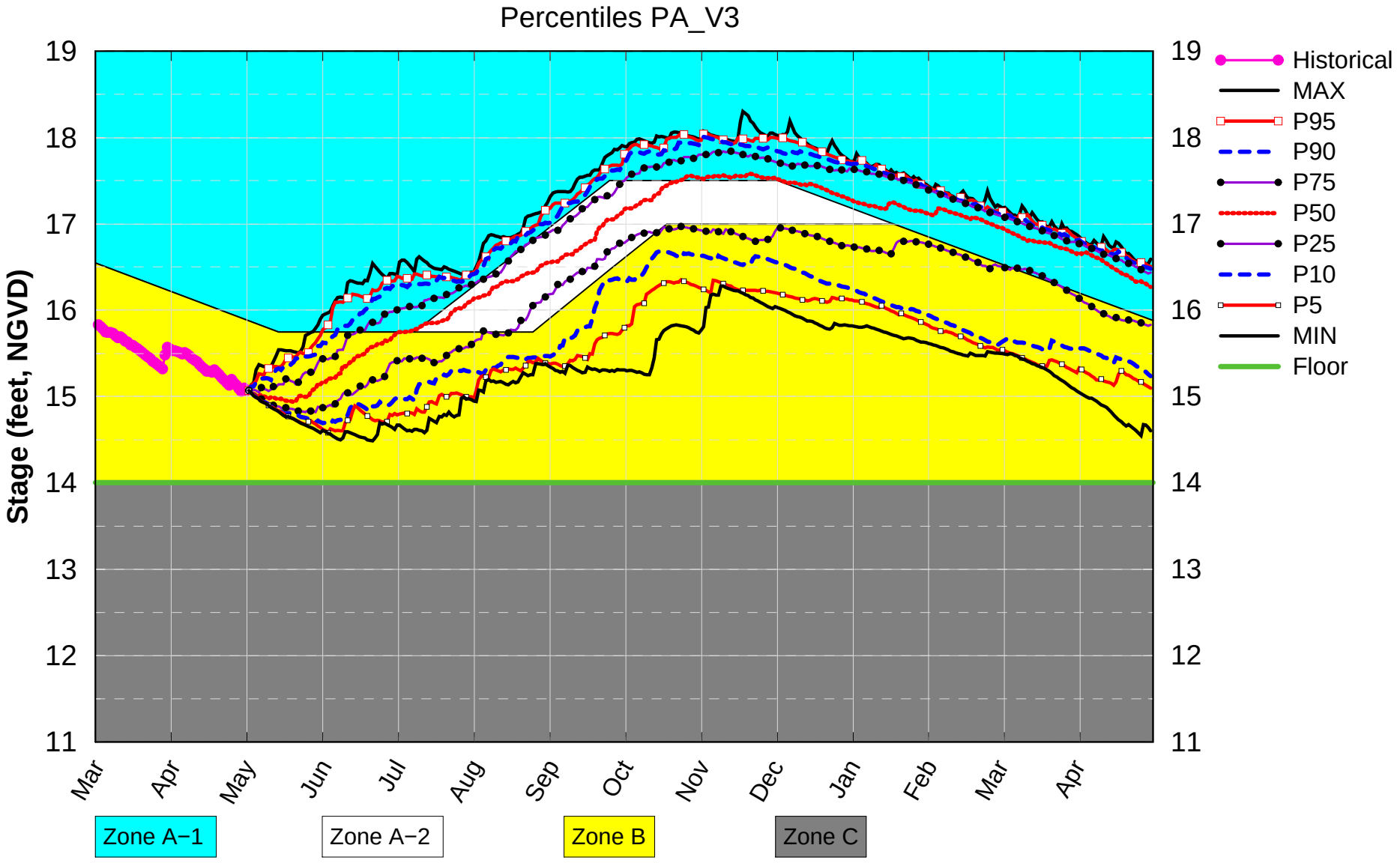
Lake Okeechobee − LORS2008 Releases to the WCA's

Unconditional PA Operations (See assumptions on the Position Analysis Results website)



Thu May 05 12:21:27 EDT 2011

WCA1 SFWMM May 2011 Position Analysis

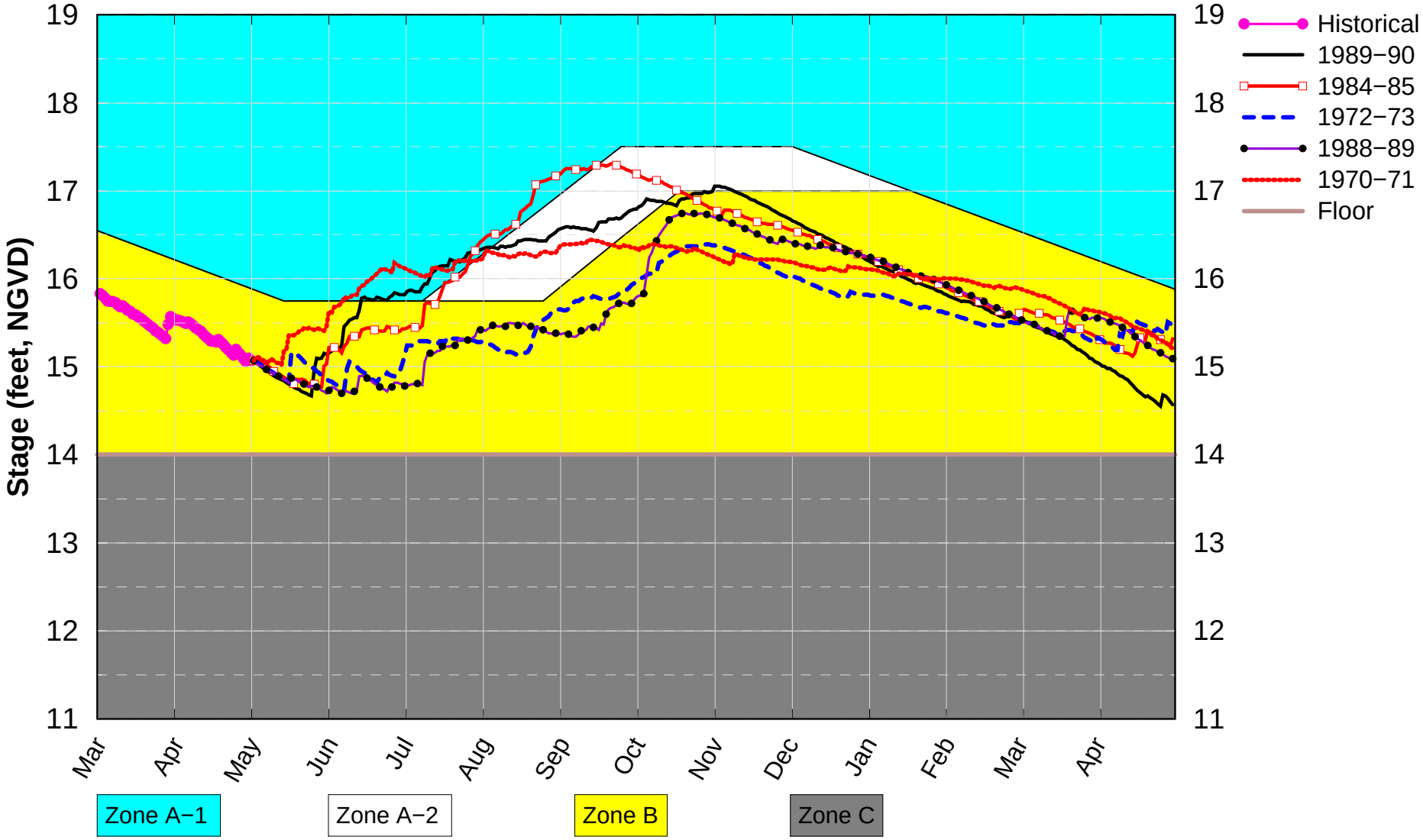


(See assumptions on the Position Analysis Results website)

Thu May 5 12:02:59 2011

WCA1 SFWMM May 2011 Position Analysis

Dry Years Plot PA_V3

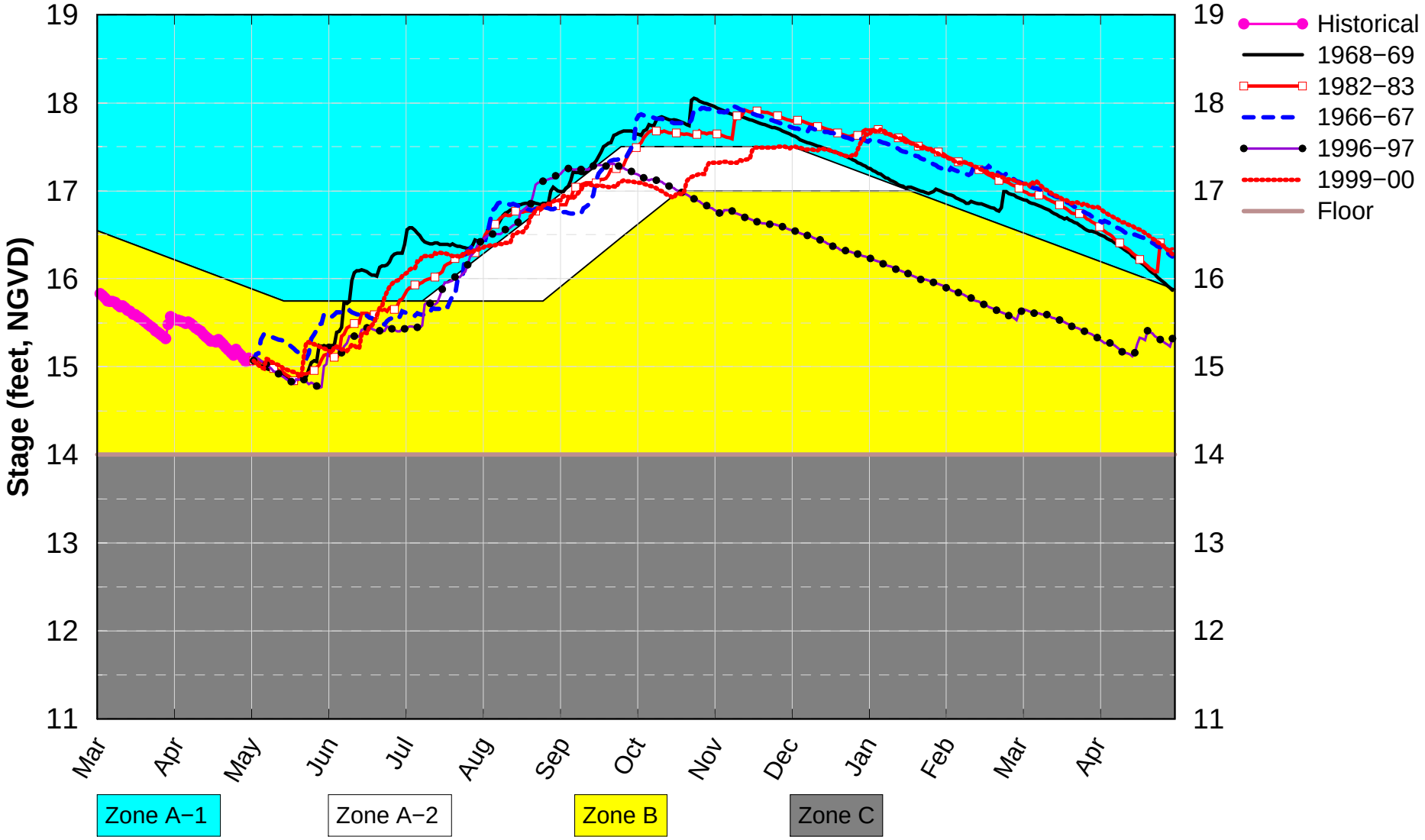


(See assumptions on the Position Analysis Results website)

Thu May 5 12:03:43 2011

WCA1 SFWMM May 2011 Position Analysis

Wet Years Plot PA_V3

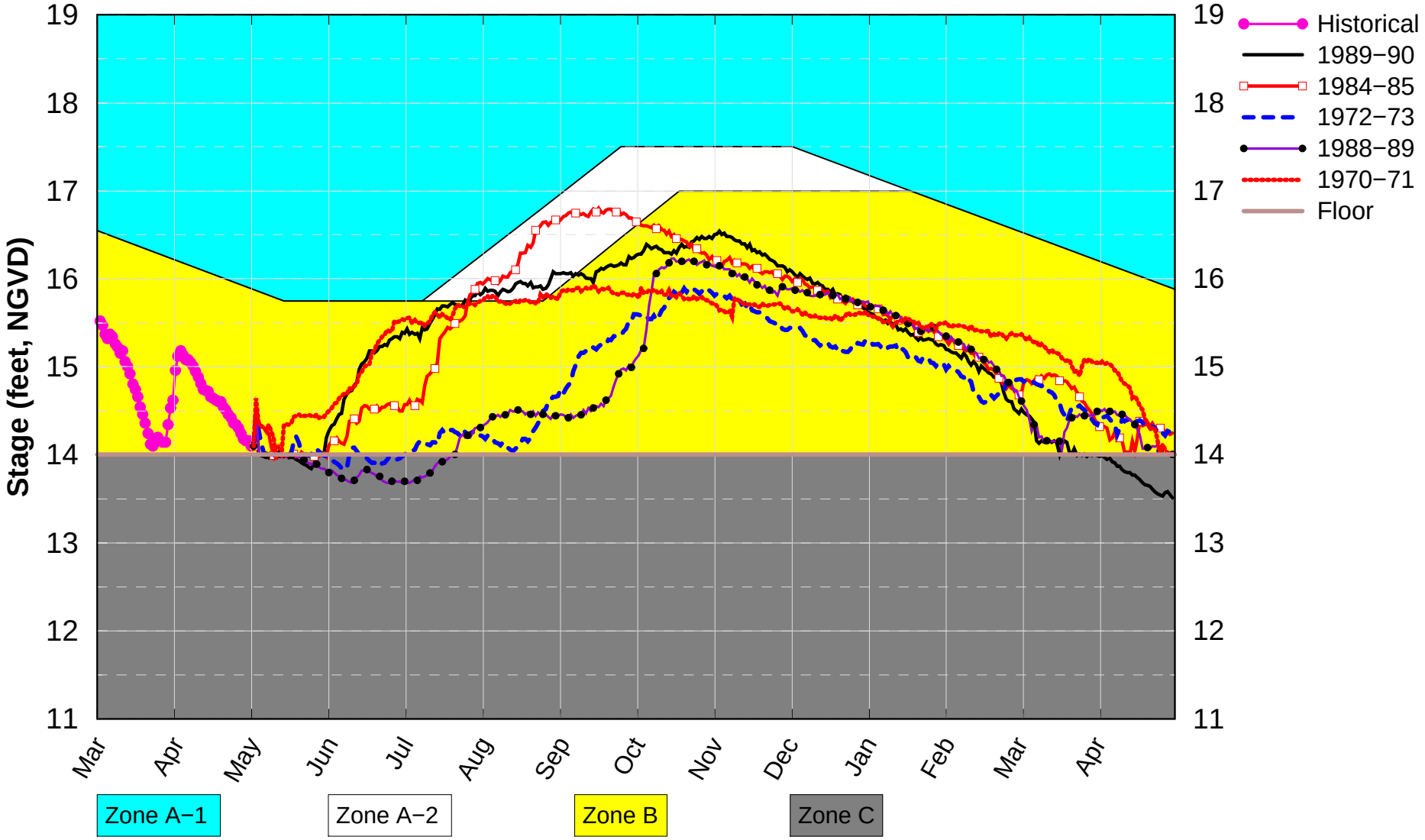


(See assumptions on the Position Analysis Results website)

Thu May 5 12:03:45 2011

CA1 Canal SFWMM May 2011 Position Analysis

PA_V3 Dry Years Plot

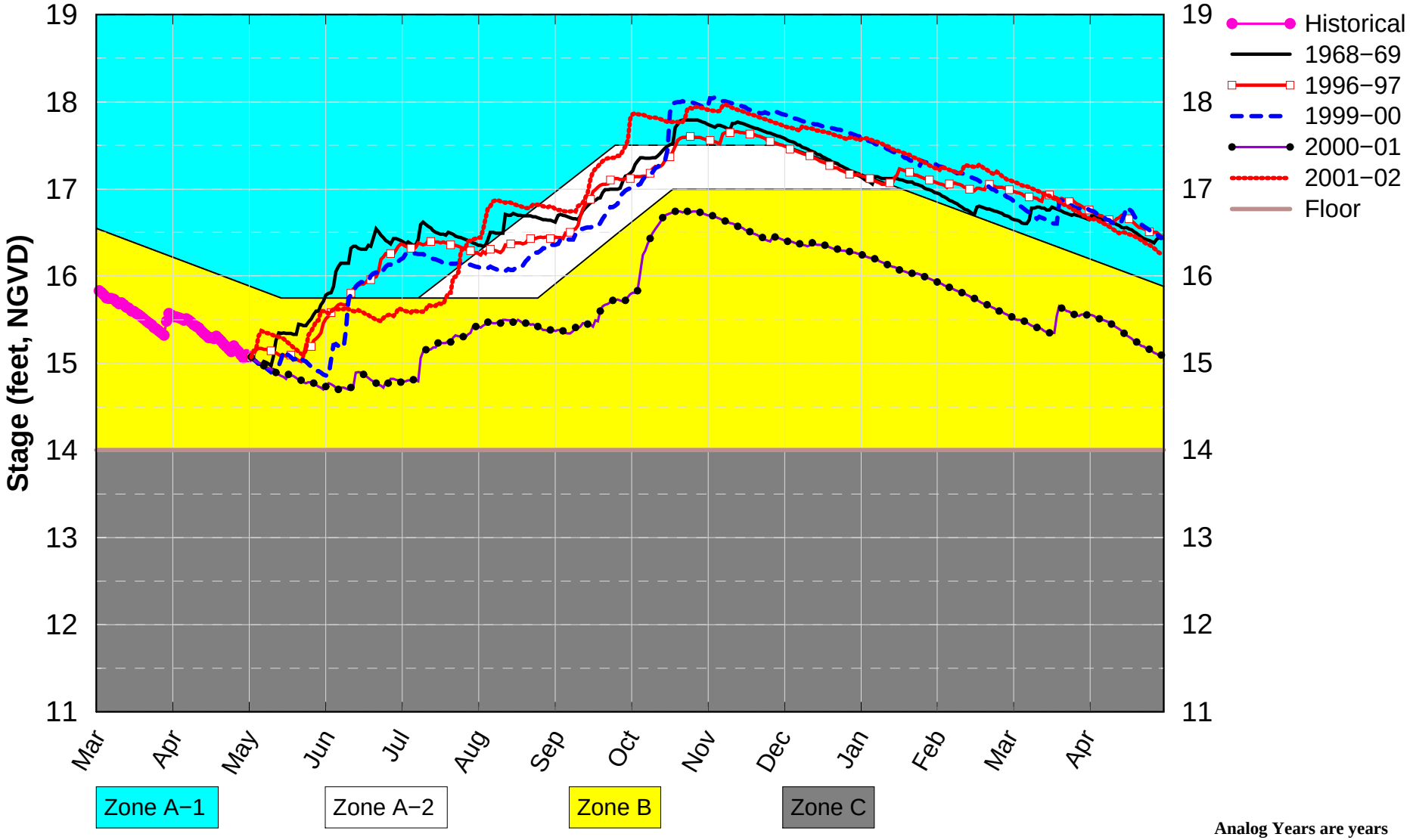


(See assumptions on the Position Analysis Results website)

Thu May 5 12:04:45 2011

WCA1 SFWMM May 2011 Position Analysis

AMO Warm / La Nina Analog Years Plot PA_V3

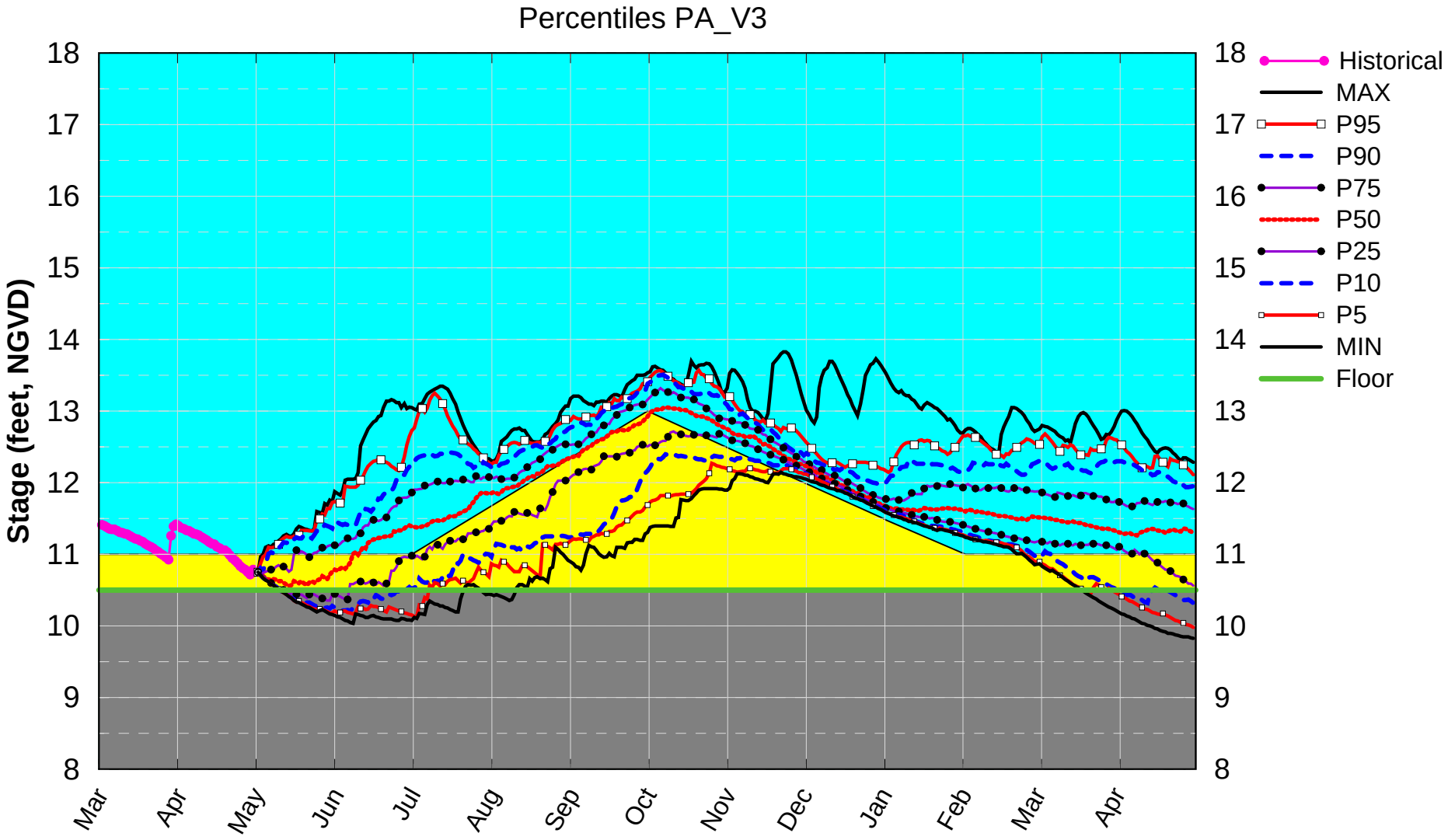


(See assumptions on the Position Analysis Results website)

Analog Years are years with similar climatological conditions to the current year.

Thu May 5 12:03:49 2011

WCA2A SFWMM May 2011 Position Analysis

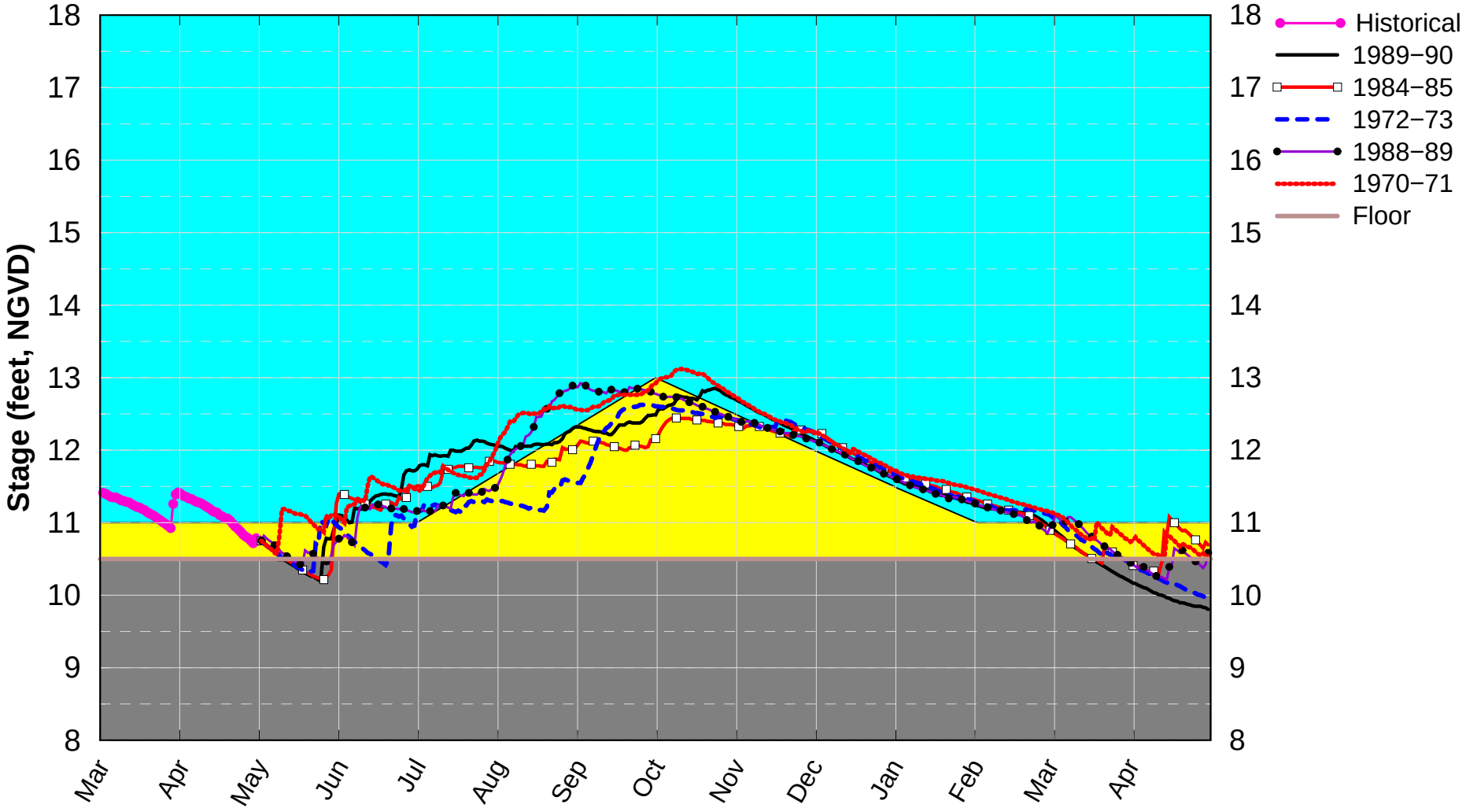


(See assumptions on the Position Analysis Results website)

Thu May 5 12:02:59 2011

WCA2A SFWMM May 2011 Position Analysis

Dry Years Plot PA_V3

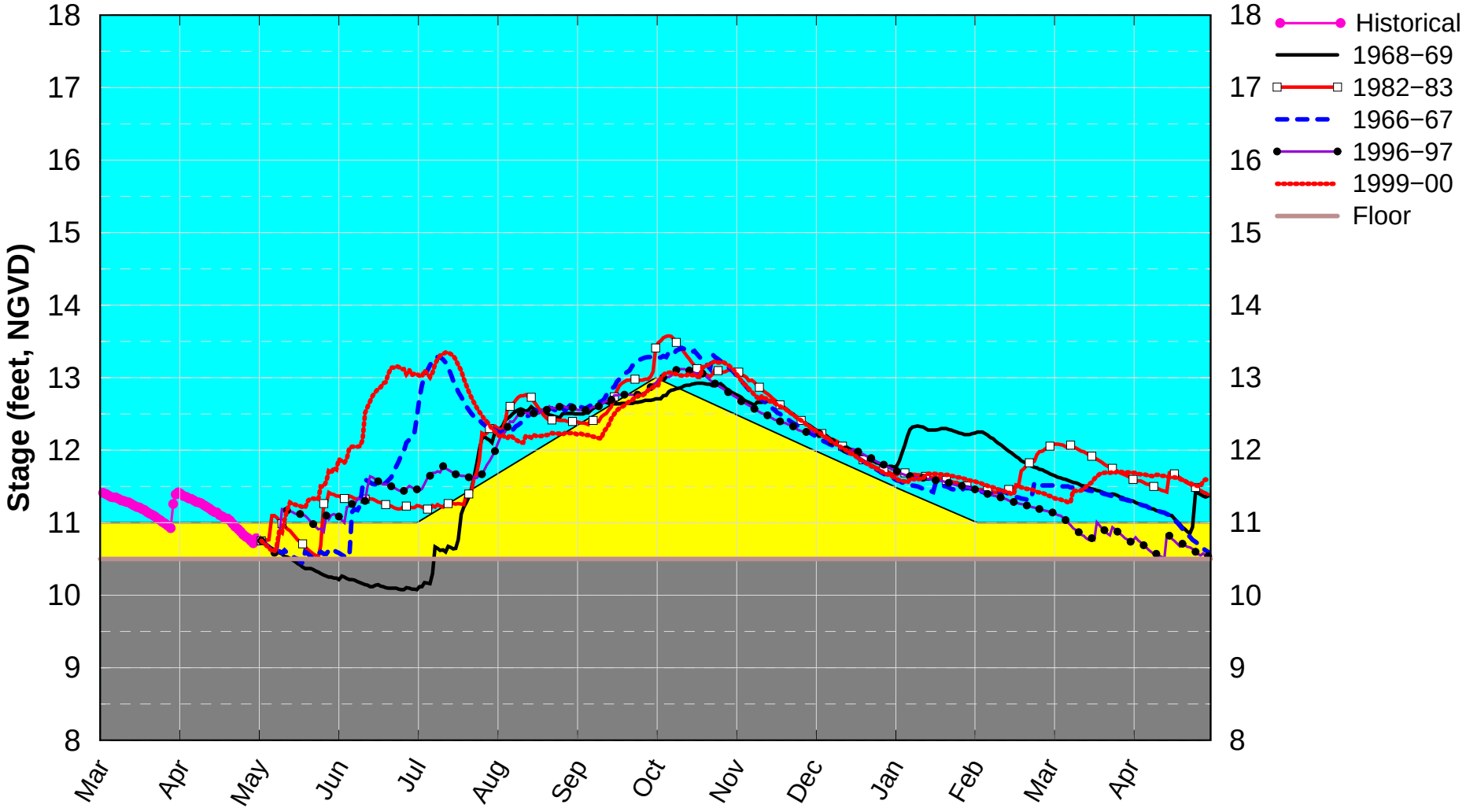


(See assumptions on the Position Analysis Results website)

Thu May 5 12:03:50 2011

WCA2A SFWMM May 2011 Position Analysis

Wet Years Plot PA_V3

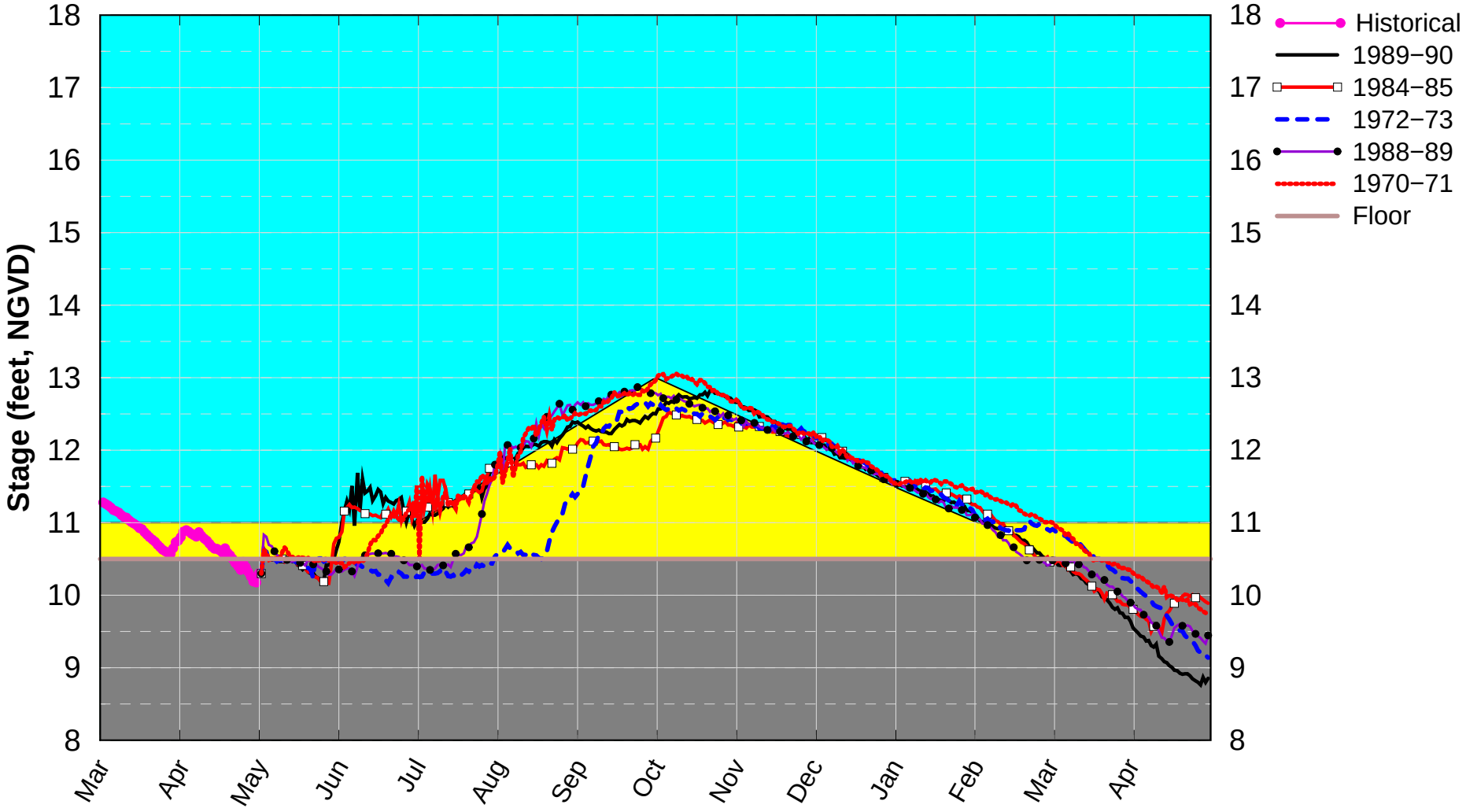


(See assumptions on the Position Analysis Results website)

Thu May 5 12:03:52 2011

L38 Canal SFWMM May 2011 Position Analysis

PA_V3 Dry Years Plot

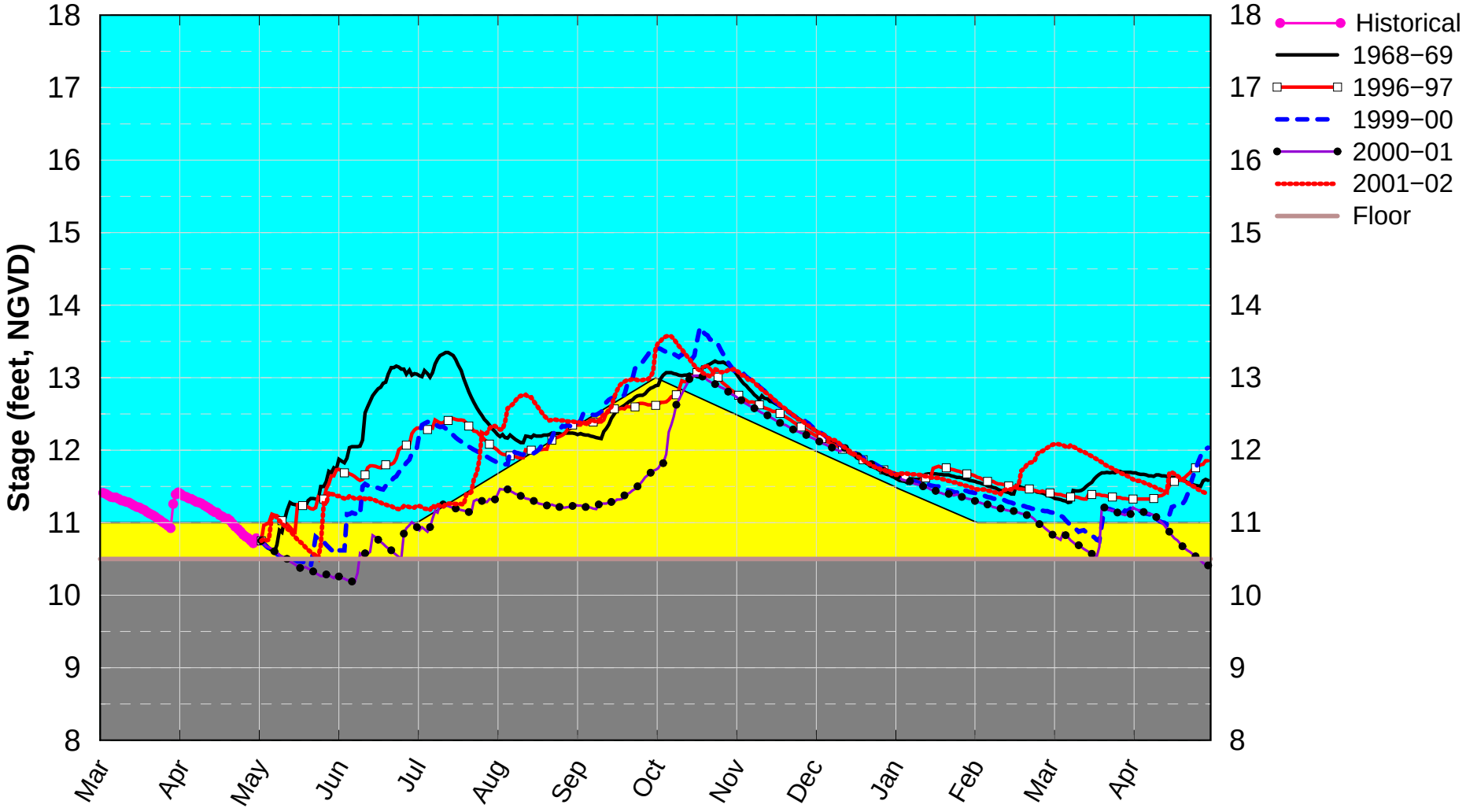


(See assumptions on the Position Analysis Results website)

Thu May 5 12:04:48 2011

WCA2A SFWMM May 2011 Position Analysis

AMO Warm / La Nina Analog Years Plot PA_V3

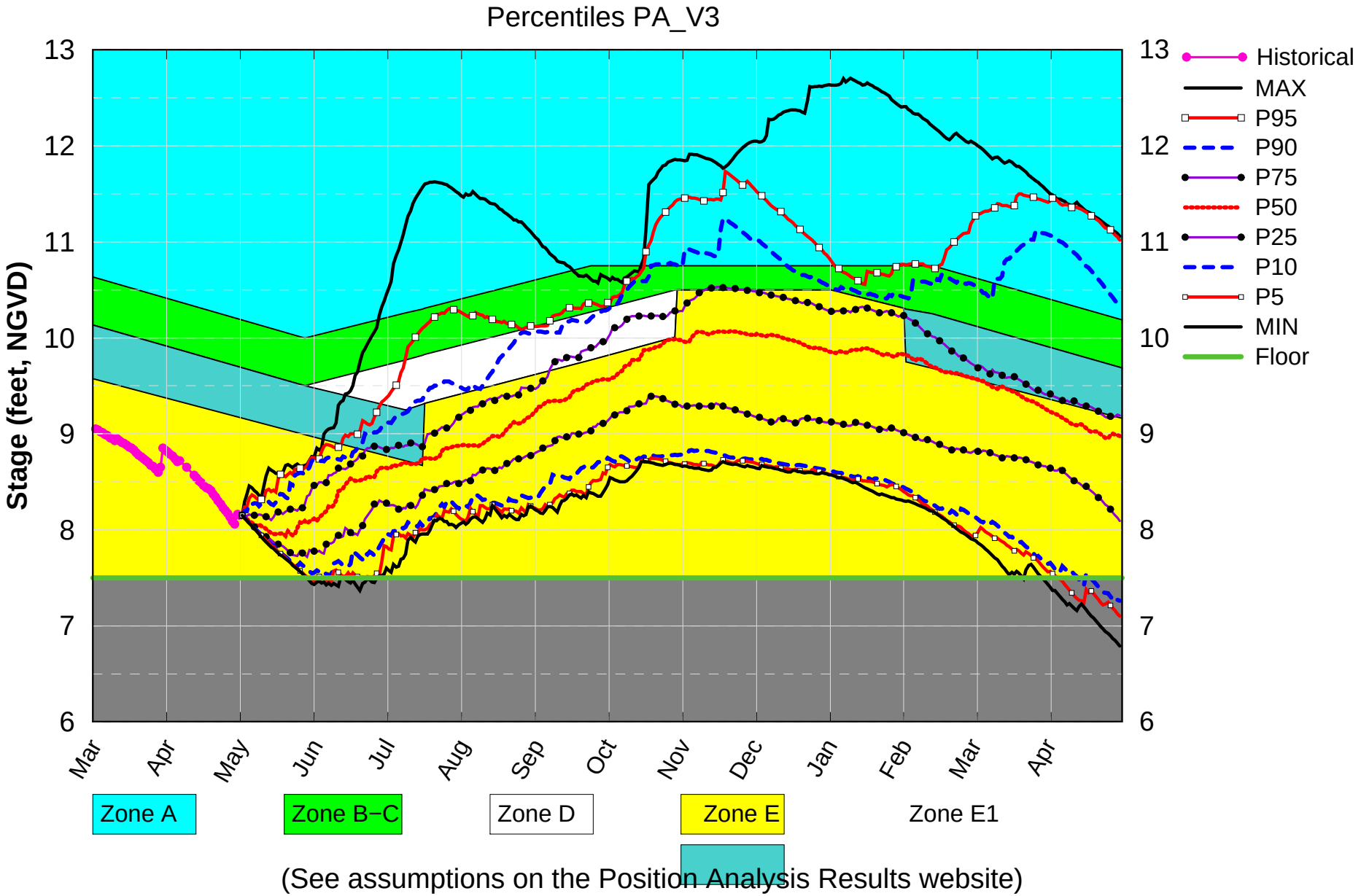


(See assumptions on the Position Analysis Results website)

Analog Years are years with similar climatological conditions to the current year.

Thu May 5 12:03:56 2011

WCA3A SFWMM May 2011 Position Analysis

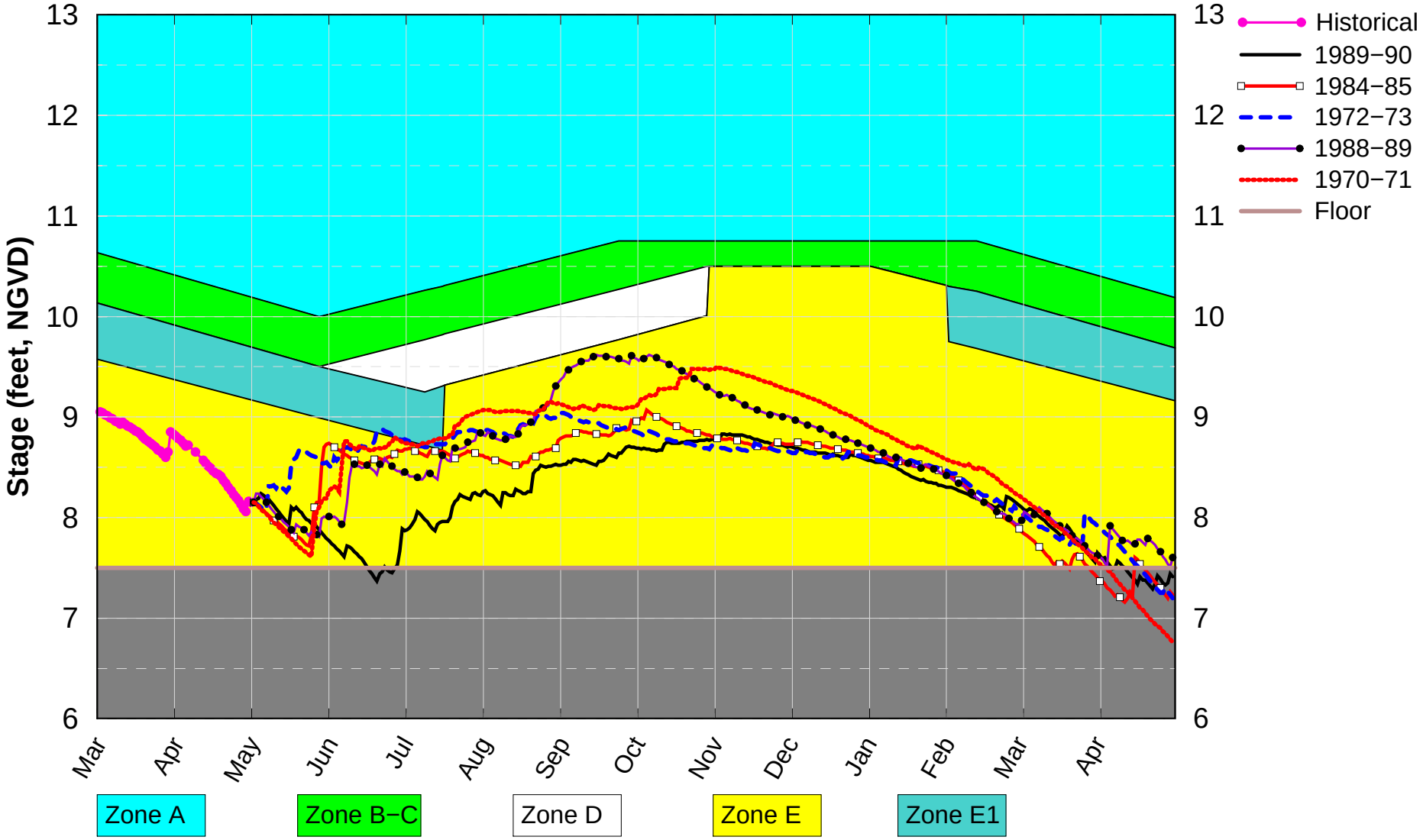


(See assumptions on the Position Analysis Results website)

Thu May 5 12:03:01 2011

WCA3A SFWMM May 2011 Position Analysis

Dry Years Plot PA_V3

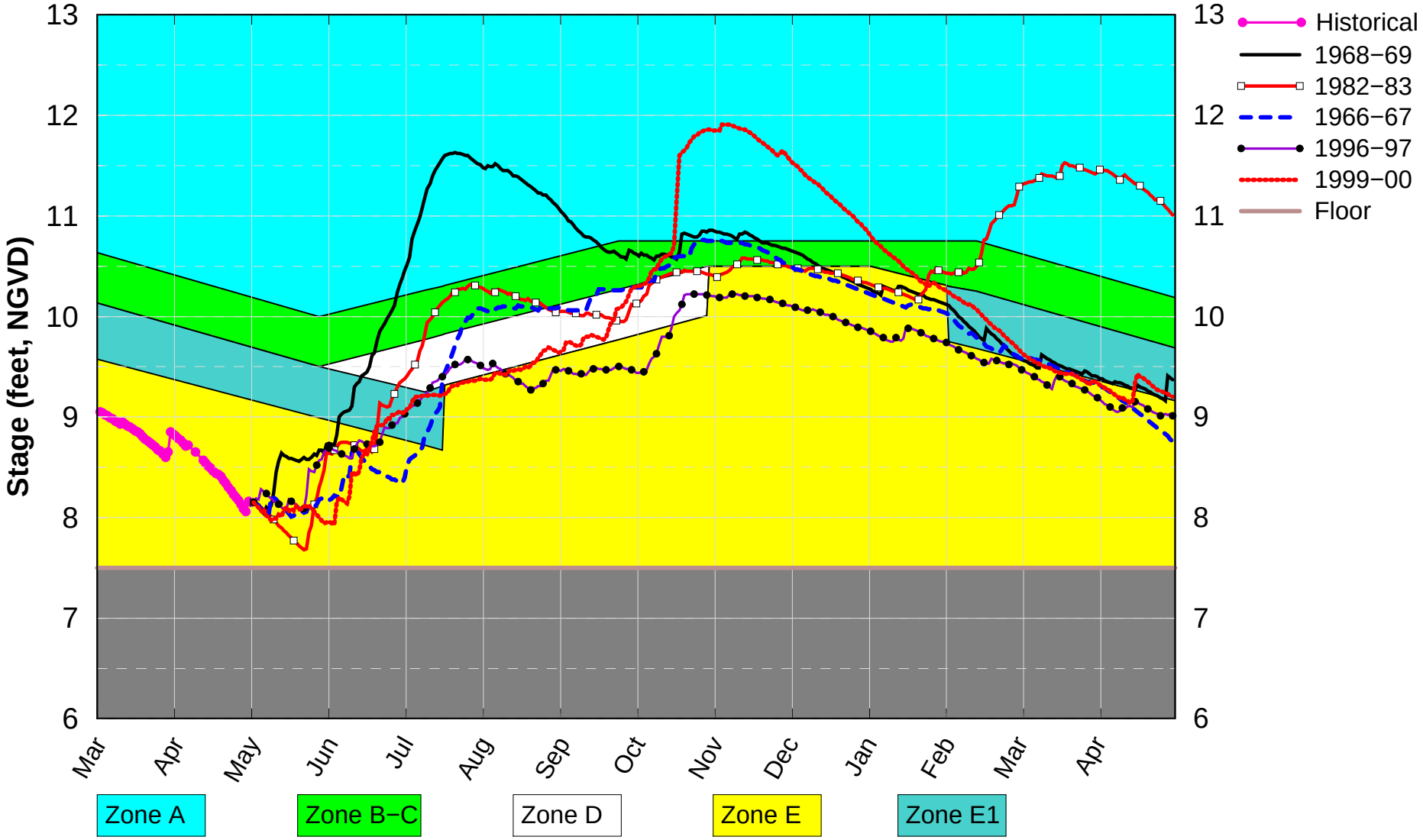


(See assumptions on the Position Analysis Results website)

Thu May 5 12:03:58 2011

WCA3A SFWMM May 2011 Position Analysis

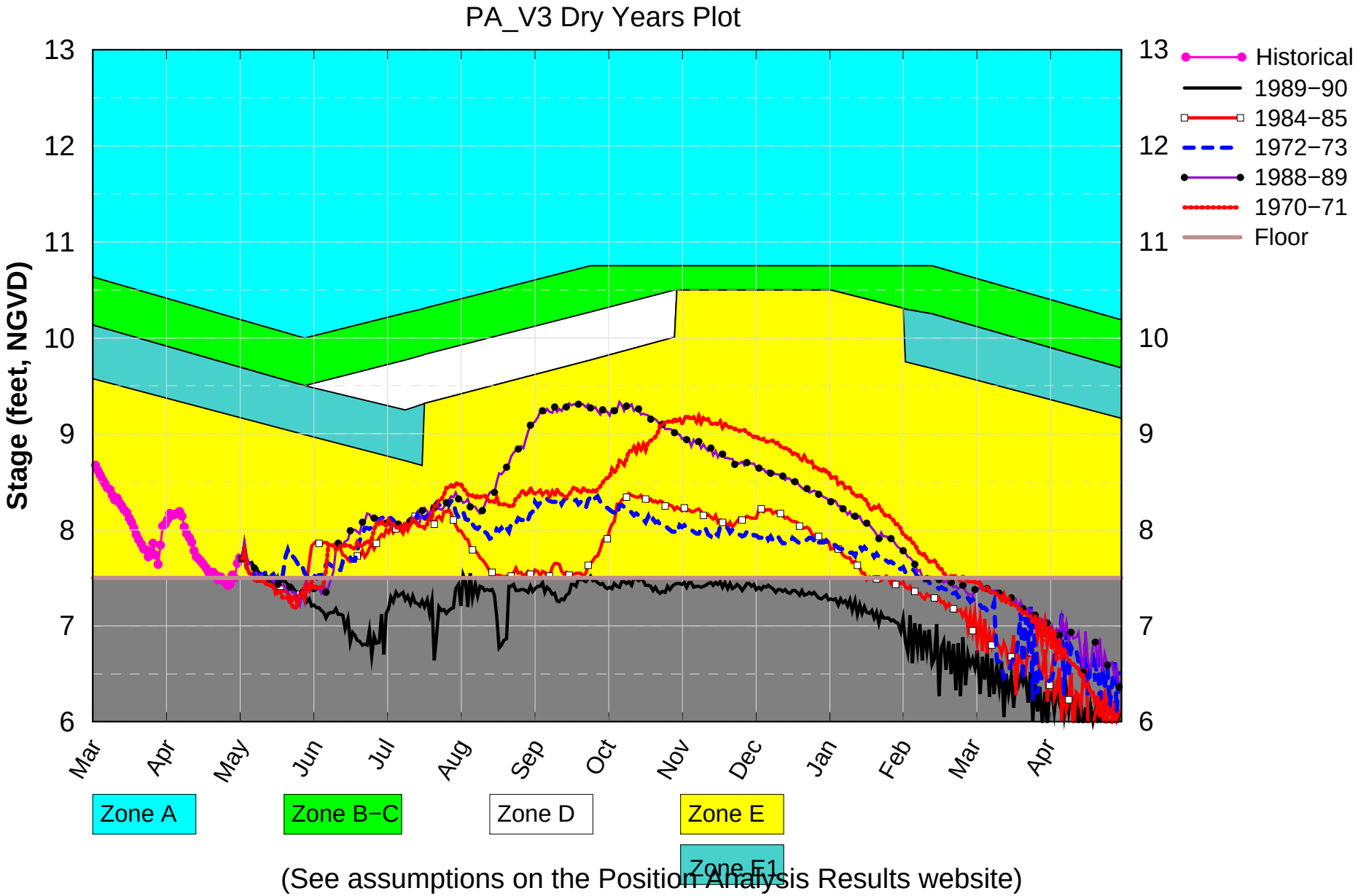
Wet Years Plot PA_V3



(See assumptions on the Position Analysis Results website)

Thu May 5 12:04:00 2011

CA3 Canal SFWMM May 2011 Position Analysis

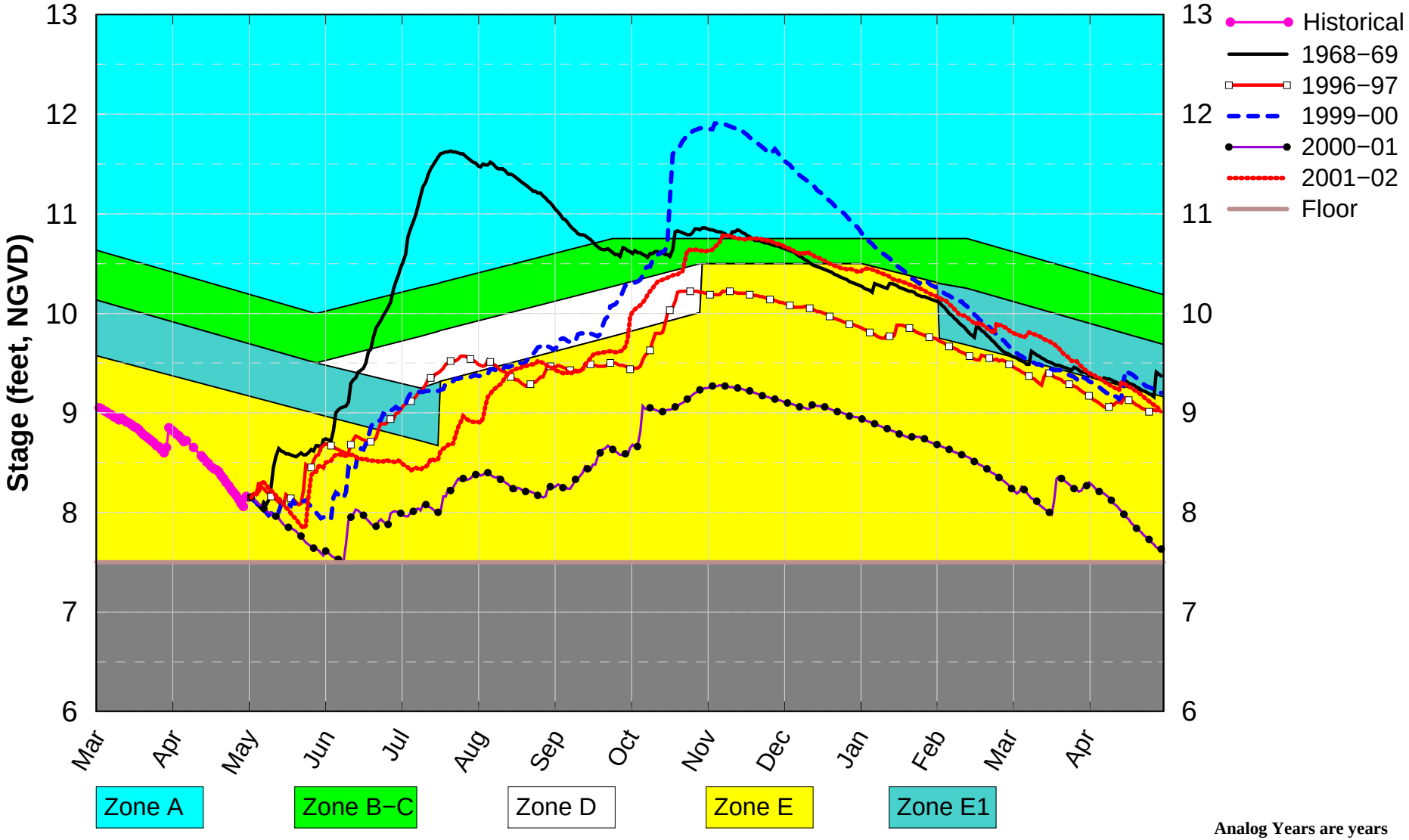


(See assumptions on the Position Analysis Results website)

Thu May 5 12:04:52 2011

WCA3A SFWMM May 2011 Position Analysis

AMO Warm / La Nina Analog Years Plot PA_V3



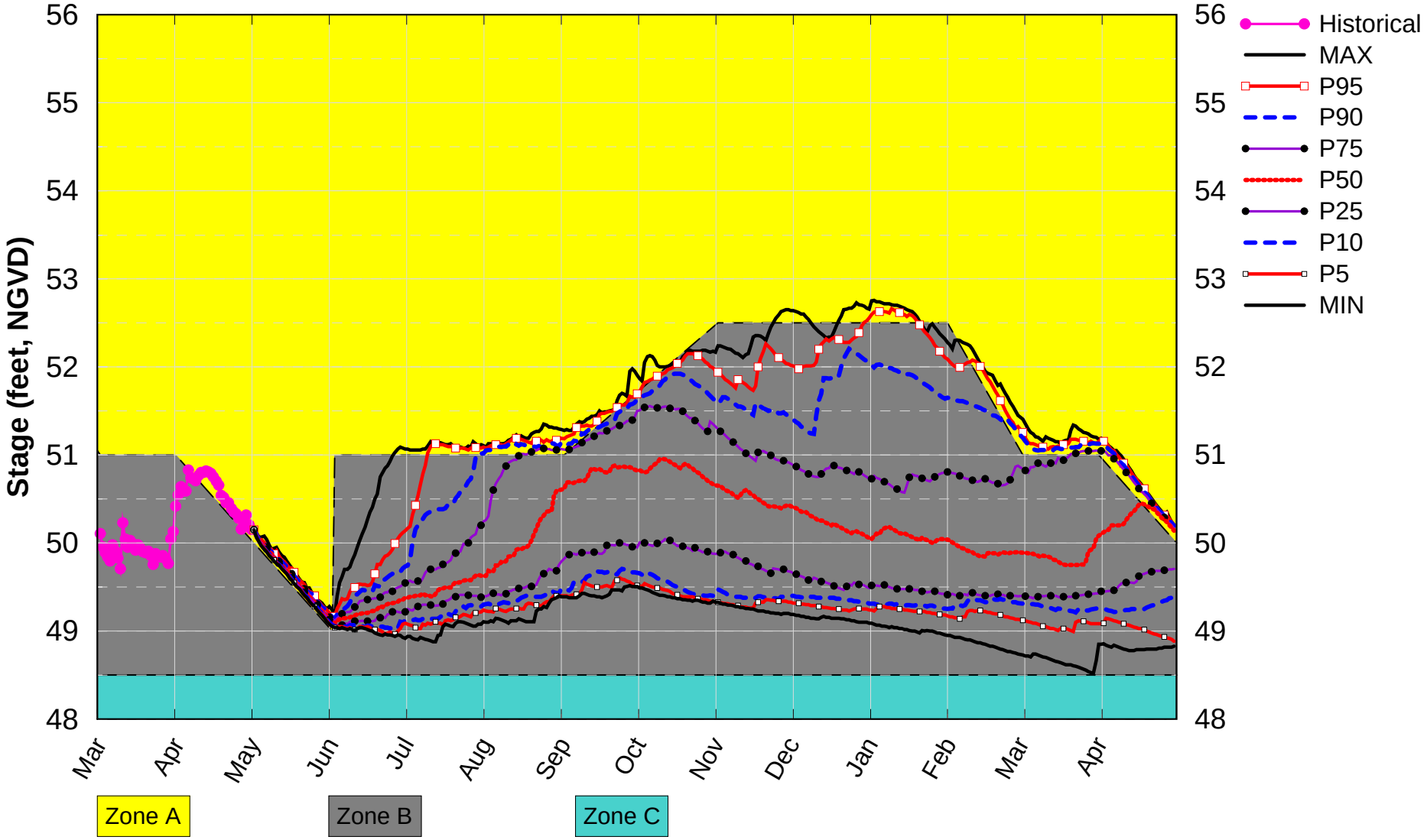
(See assumptions on the Position Analysis Results website)

Analog Years are years with similar climatological conditions to the current year.

Thu May 5 12:04:05 2011

S65 UKISS May 2011 Position Analysis

UKISS_V3 Unconditional PA

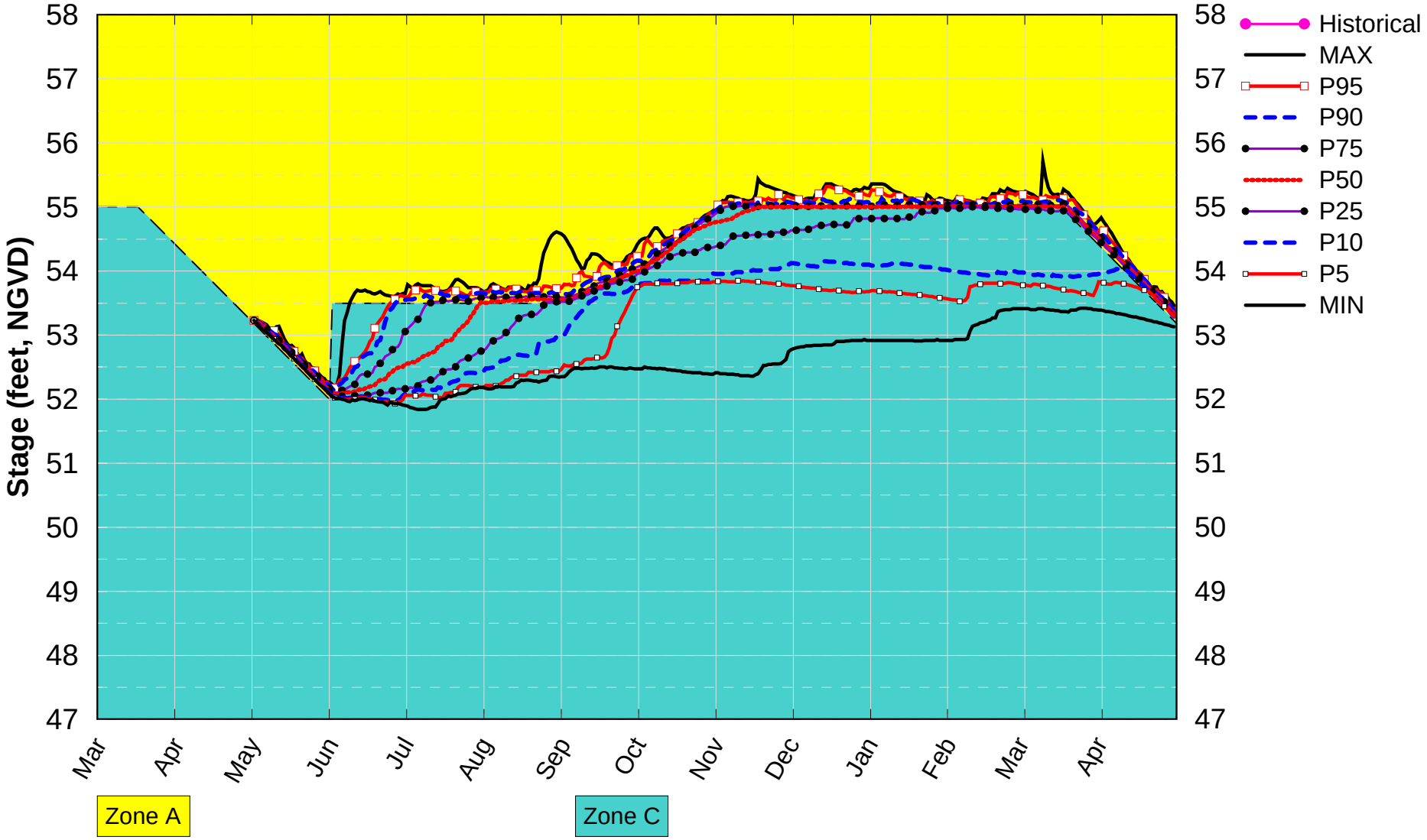


(See assumptions on the Position Analysis Results website)

Thu May 5 12:02:43 2011

S61 UKISS May 2011 Position Analysis

UKISS_V3 Unconditional PA



(See assumptions on the Position Analysis Results website)

Thu May 5 12:02:41 2011

UKISS model was developed by SFWMD staff in 1981 to simulate the operation of the Upper Kissimmee Chain of Lakes, Florida. UKISS model was applied in a PA mode to simulate the S65 flow where all storage areas in the model are reset every year to the current conditions.

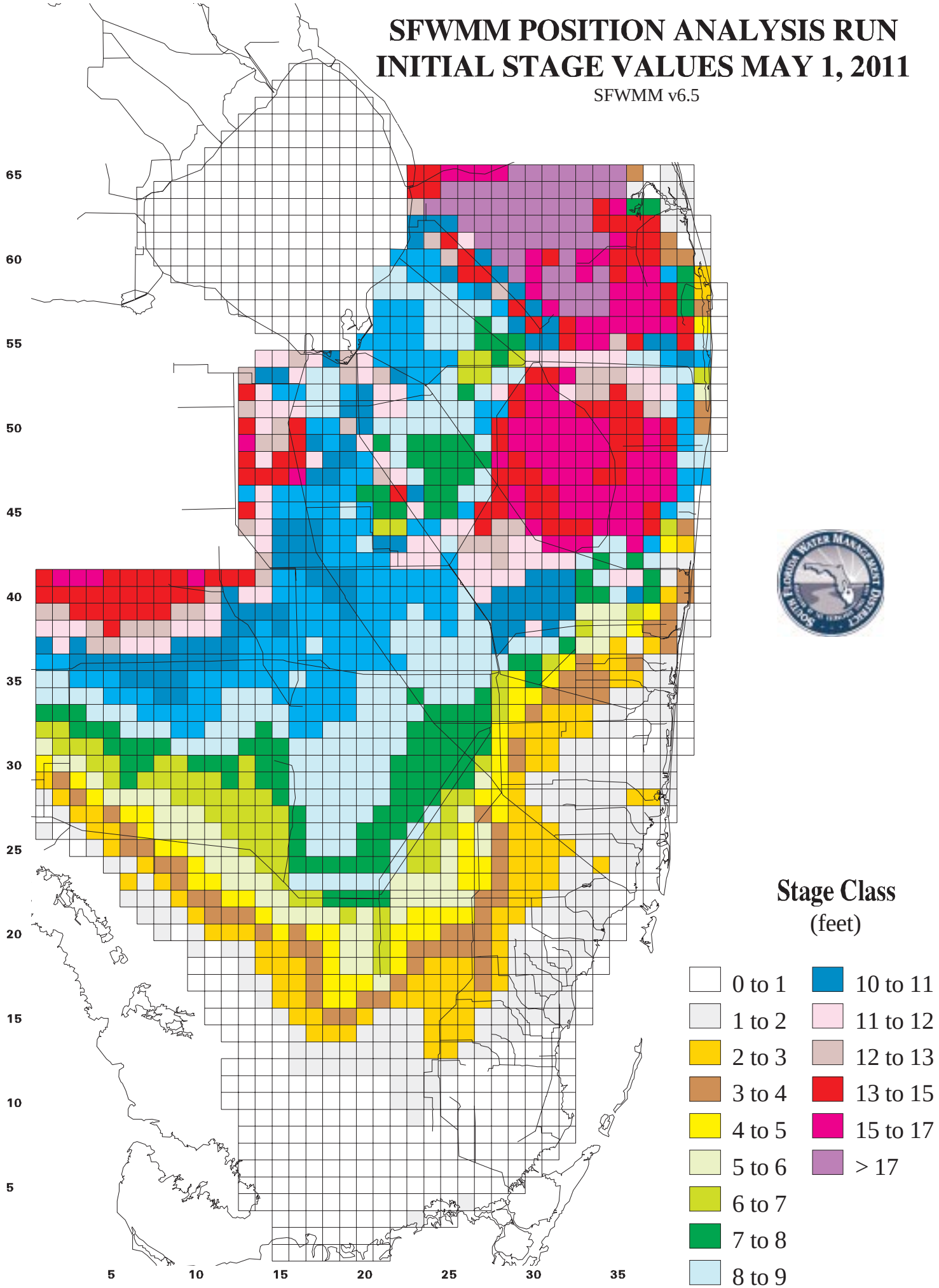
Click To Close

AREA	Canal Name	SFWMM Name	Location	SFWMD sensor stage(ft)
WPB	C-18	C18	G92-H	12.40
WPB	C-17	C17	S44-H	6.02
WPB	C-51W	C51W	S5AE-T	9.66
WPB	C-51	C51	S155-H	7.16
WCA	WCA-1 L-40	CA1	1-8C	14.10
FTLD	Hillsboro Canal	HLSB	G56-H	6.73
WCA	WCA-2A L-38	L38	S11B-H	10.30
WCA	WCA-2A L-39	CA2A	S10A-T	11.77
FTLD	C-14	C14	S37B-H	5.86
FTLD	C-14E	C14E	S37A-H	3.09
FTLD	Pompano	POMP	G57-H	4.67
FTLD	C-12	C12	S33-H	2.16
FTLD	C-13	C13	S36-H	3.49
FTLD	North New River Canal	NNRC	G54-H	3.90
MIAMI	L-33	L33	S30-H	3.91
MIAMI	C-304	C304	S31-H	6.50
MIAMI	C-9	C9	S29-H	1.86
MIAMI	C-9 DEN	C9DEN	S29-H	1.86
MIAMI	C-8	C8	S28-H	1.90
MIAMI	C-7	C7	S27-H	1.92
MIAMI	C-6	C6	S26-H	2.20
MIAMI	C-2/C-4	C4	S25B-H	2.53
MIAMI	L-30	L30	S335-H	4.27
WCA	WCA-3A L-29	CA3	S333-H	7.71
WCA	S-12A	S12AD	S12A-T	7.60
WCA	S-12B	S12BD	S12B-T	7.08
WCA	S-12C	S12CD	S12C-T	7.12
WCA	S-12D	S12DD	S12D-T	6.28
MIAMI	L-29	L29	S334-H	5.10
MIAMI	C-100C	C100C	S119-H	2.39
MIAMI	C-100	C100	S118-H	2.10
MIAMI	C-100A	C100A	S123-H	1.86
HMST	C-1/S-148	S148U	S148-H	2.35
HMST	L-31N	L31N	S331-H	3.19
HMST	C-1N	C1N	S149-H	1.90
MIAMI	S-21	S21	S21-H	1.57
HMST	L-31S	L31S	S176-H	1.89
MIAMI	C-102N	C102N	S21A-H	1.24
HMST	C-102	C102	S165-H	1.99
MIAMI	C-103S	C103S	S167-H	1.56
HMST	C-103N	C103N	S166-H	1.33
HMST	C-103	S179	S179-H	1.26
HMST	L-31W	L31W	S332-H	1.54
HMST	C-111	C111	S177-H	1.63
HMST	CNO	CNO	S179-H	1.26
HMST	C-111E	C111E	S18C-H	1.06
HMST	S-197	S197	S197-H	0.85
EAA	L-23E	L23E	S8-T	10.84
EAA	C-60	C60	S140-T	9.02

SFWMM Name	col	row	STAGE	Source Data	match	domain match areas
1-7	31	48	15.30	USACE	PA	CA1
1-8T	34	47	14.47	USACE	PA	CA1
1-9	33	46	15.43	USACE	PA	CA1
2-17	29	40	10.75	USACE	PA	CA2
2-159	28	43	12.25	SFWMD-ARDAMS	PA	CA2
3-99	30	35	7.06	USACE		CA2
3A-2	18	36	9.10	USACE	PA	CA3
3A-3	25	37	8.37	USACE	PA	CA3
3A-28	19	24	8.00	USACE	PA	CA3
3A-4	21	29	8.09	USACE	PA	CA3
3A-NW	18	40	10.48	SFWMD-ARDAMS		CA3
3A-NE	23	40	9.10	SFWMD-ARDAMS		CA3
3A-SW	16	30	8.40	SFWMD-ARDAMS		CA3
3A-S	20	33	8.70	SFWMD-ARDAMS		CA3
3-76	27	30	6.69	USACE		
3-71	24	26	6.34	USACE		
SHARK	24	23	5.37	USACE		CA3
3BS1W	26	23	4.51	SFWMD-ARDAMS		
HOLY1	19	45	8.75	SFWMD-ARDAMS		WMA
HOLY2	21	42	9.38	SFWMD-ARDAMS		WMA
ROTTN	15	46	9.02	SFWMD-OPERATIONS		WMA
ROTTS	16	43	10.79	SFWMD-OPERATIONS		WMA
NP205	15	20	4.15	USACE		ENP
NP201	19	21	6.04	USACE		ENP
NP36	17	14	2.44	USACE		ENP
NP38	16	9	0.70	USACE		ENP
NP46	17	7	-0.62	USACE		ENP
NP67	22	7	0.43	USACE		
NP33	20	17	4.62	USACE		ENP
NP34	13	17	1.66	USACE		ENP
NP44	19	11	0.23	USACE		ENP
NP206	21	15	1.83	USACE		ENP
NESR2	25	21	4.63	USACE		ENP
THSO	23	9	1.09	USACE		
RG2	23	15	1.57	USACE		ENP
G3273	24	17	2.62	USACE	PA	ENP
ANGEL	25	17	2.58	USACE	PA	
ANGEL	26	17	2.58	USACE	PA	
EVER4	25	8	0.53	USACE	PA	SA3
E112	23	10	1.19	USACE		ENP
G620	18	19	4.56	USACE		ENP

SFWMM POSITION ANALYSIS RUN
INITIAL STAGE VALUES MAY 1, 2011

SFWMM v6.5



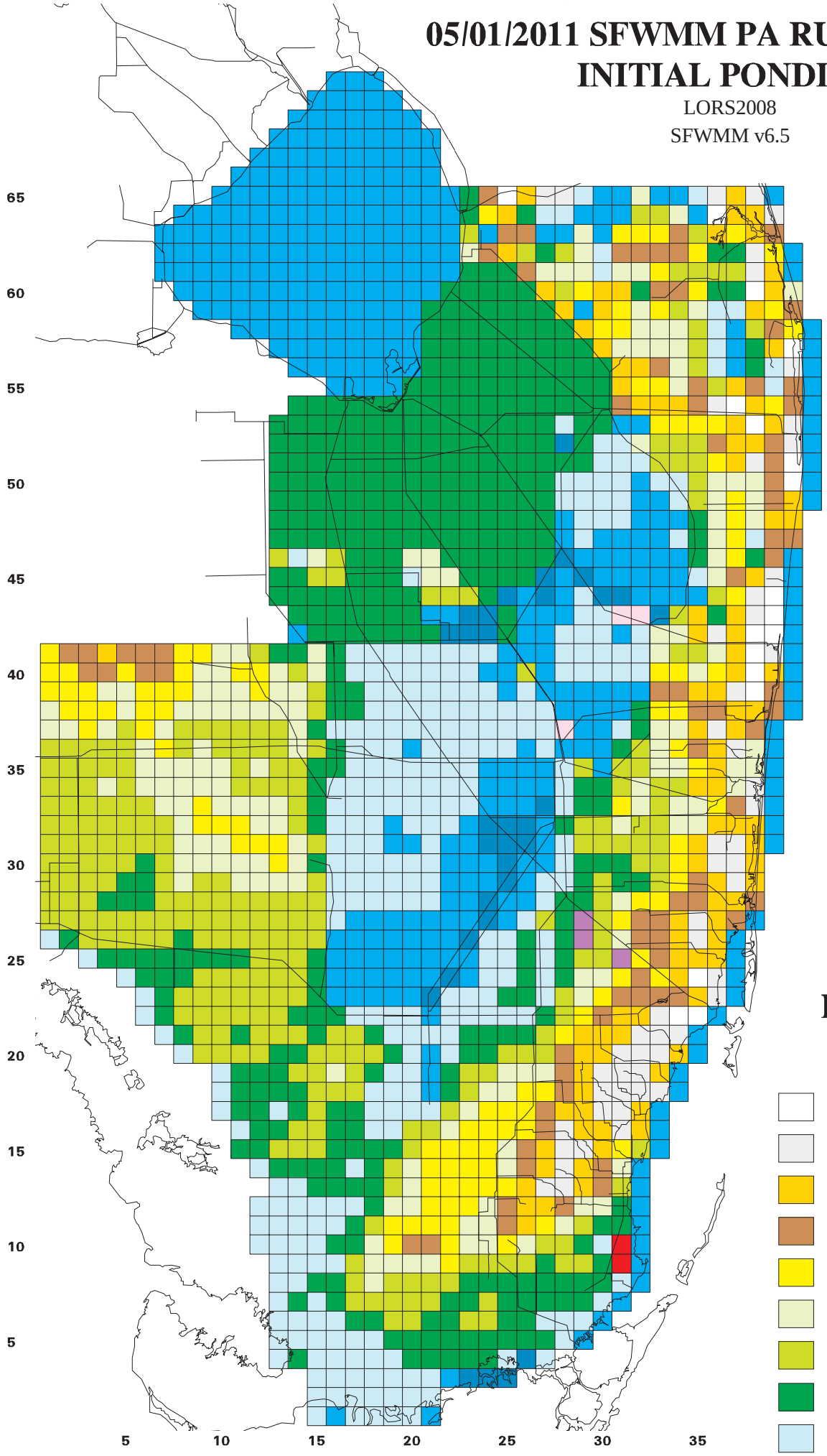
06 May 11 14:08:45 Friday

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	
65																							13.77	14.97	15.37	15.69	15.97	16.17	26.00	25.74	24.75	20.59	22.39	20.74	17.84	3.63	0.66	1.99	0.76			65
64																							13.88	14.82	18.77	23.70	23.77	24.32	26.14	25.45	24.44	20.72	19.76	17.92	18.35	1.79	0.51	1.35	1.72			64
63																							12.86	18.67	17.71	18.55	24.12	24.31	21.47	25.41	20.36	20.20	19.00	14.78	15.93	7.98	7.58	1.41	1.75			63
62																							10.63	10.75	10.65	20.48	21.54	20.82	20.67	24.50	19.35	18.62	17.61	14.54	13.17	13.53	13.22	1.48	1.50	0.62		62
61																							10.04	12.93	14.92	11.17	19.41	19.69	19.69	23.41	20.00	19.45	17.98	18.09	15.87	13.55	14.22	3.69	0.91	0.58		61
60																						9.34	9.31	9.93	12.54	13.39	10.44	18.46	18.29	15.27	14.85	20.57	16.08	15.29	14.28	14.12	14.46	3.28	3.70	1.19		60
59																					8.90	8.73	9.09	9.20	10.48	13.03	13.94	10.29	20.95	15.61	17.76	17.94	15.86	17.97	14.80	16.01	15.76	9.02	7.60	2.18		59
58																					8.92	8.87	8.91	8.67	8.66	9.35	10.07	12.37	10.42	17.00	17.20	17.63	17.70	17.25	16.79	16.85	16.52	13.73	7.73	2.67	0.44	58
57																					9.14	9.20	9.16	8.46	8.42	8.45	8.13	9.31	13.99	10.26	16.98	17.17	17.29	17.37	16.73	16.96	16.67	14.62	7.84	3.34	0.40	57
56																					9.06	9.16	9.07	8.73	8.59	8.30	7.77	8.01	10.70	14.98	10.21	14.47	15.75	16.92	16.78	15.97	16.59	15.08	14.54	4.51	0.35	56
55																				9.74	9.16	9.05	9.07	8.88	8.83	8.35	7.61	7.71	7.50	10.44	10.39	14.20	15.45	15.40	12.10	14.36	10.88	10.34	14.49	8.44	0.31	55
54														11.50	11.81	12.97	11.89	10.77	12.62	11.58	9.90	9.24	9.12	9.05	9.24	6.77	6.89	7.21	6.84	11.95	11.01	11.38	11.38	11.43	11.31	8.51	8.14	9.56	10.29	9.14	0.32	54
53													12.96	10.90	10.18	11.25	8.98	8.84	12.37	11.78	12.17	10.35	9.78	9.60	8.99	6.76	6.79	8.91	8.18	14.39	13.74	15.68	12.39	12.29	12.19	11.92	11.75	8.25	8.63	6.50	0.34	53
52													13.31	11.49	9.85	9.41	8.10	8.14	9.82	10.62	11.02	11.45	9.97	8.78	8.13	7.57	8.10	11.17	14.96	15.80	15.13	11.83	12.96	12.60	14.25	12.14	11.59	11.85	9.07	5.32	0.35	52
51													12.27	11.22	11.50	11.28	8.28	8.41	10.32	10.67	11.39	11.27	8.96	8.61	8.25	8.26	9.38	9.85	14.98	15.85	15.83	15.11	13.19	13.24	14.37	13.51	12.17	8.57	9.07	3.99	0.37	51
50													13.45	11.53	12.73	13.29	9.33	9.10	12.80	10.67	8.15	8.45	8.37	8.16	8.11	8.45	9.79	14.93	15.42	15.77	15.75	15.57	15.44	15.06	14.63	14.94	15.10	14.57	9.10	3.92	0.38	50
49													15.93	12.04	12.68	13.23	10.56	9.28	10.54	11.31	7.79	8.12	7.86	7.87	7.87	7.64	8.06	14.98	15.27	15.64	15.62	15.44	15.31	15.09	14.79	14.98	15.15	14.96	9.18	8.48	0.40	49
48													14.38	11.47	13.19	14.99	11.68	10.43	10.43	9.90	11.97	8.79	7.61	7.80	7.75	7.80	7.47	15.16	14.52	15.35	15.30	15.31	15.14	15.09	14.75	15.04	15.50	15.24	8.86	8.63		48
47													14.58	13.78	14.85	15.05	10.90	10.22	9.45	9.03	12.85	11.21	8.02	7.52	7.75	7.97	8.07	14.87	14.24	14.97	15.16	15.28	15.24	14.47	14.82	15.22	15.56	15.41	9.28	9.56		47
46													9.97	11.08	9.02	9.97	9.72	9.47	9.49	7.74	7.47	13.19	10.17	7.72	7.68	8.02	8.74	13.66	15.09	14.70	14.99	15.33	15.43	15.36	15.03	15.33	15.47	15.03	9.03	0.44		46
45													13.94	11.60	9.89	9.68	9.68	9.29	8.75	9.21	7.01	7.89	11.20	7.95	7.89	9.18	13.61	13.32	15.10	14.64	14.69	15.05	15.20	15.36	15.62	15.41	14.76	9.31	8.77	0.46		45
44													12.40	11.60	10.84	10.79	10.70	9.16	9.23	9.24	6.87	6.74	9.60	9.45	11.06	11.06	13.54	12.84	12.39	15.12	14.66	14.68	14.97	15.29	16.03	15.64	14.48	6.42	3.24	0.47		44
43														11.18	10.57	10.79	10.40	9.33	9.04	8.91	10.49	10.49	11.12	11.12	8.36	12.93	12.68	12.25	11.86	11.99	15.11	15.12	15.12	8.71	9.00	15.31	9.95	4.80	2.30	0.49		43
42														12.66	10.24	10.37	10.35	9.99	9.78	9.64	9.38	11.12	11.12	11.12	9.81	11.68	12.00	12.09	11.57	11.53	11.63	11.43	8.20	7.87	8.22	7.37	8.56	1.81	1.39	0.51		42
41	14.82	15.38	15.77	15.34	14.92	14.47	14.29	14.43	14.96	15.06	13.74	14.11	13.68	12.34	9.85	9.90	10.18	10.48	10.17	9.88	9.55	9.26	9.39	9.52	9.53	11.25	11.50	11.26	11.08	10.94	10.99	10.66	7.78	8.09	11.07	11.43	7.68	1.90	3.16	0.52		41
40	13.03	13.72	14.55	14.84	14.44	13.41	13.25	13.73	13.75	13.43	12.48	10.89	11.55	11.69	9.81	9.38	9.68	10.48	10.19	9.80	9.34	9.19	9.10	9.43	9.48	8.54	11.05	10.75	10.75	10.92	10.95	10.65	7.44	7.02	8.62	10.69	7.73	2.62	3.08	0.54		40
39	12.44	12.76	13.17	13.65	13.65	13.14	13.07	13.06	12.85	12.45	11.70	10.54	10.61	10.15	10.05	9.11	9.37	9.92	10.13	9.61	9.26	9.16	8.99	9.32	9.36	8.73	10.88	10.86	10.71	10.86	10.99	10.79	5.96	5.84	5.90	6.12	4.70	3.17	1.92	0.56		39
38	11.76	11.82	11.72	12.31	13.25	12.15	12.32	12.25	11.98	11.64	11.19	10.56	10.18	9.55	10.02	9.07	9.16	9.39	9.95	9.70	9.26	8.93	8.73	8.83	9.15	8.86	8.40	10.79	10.86	11.01	10.17	8.61	6.01	5.72	5.33	4.58	3.48	3.64	1.08	0.57		38
37	10.89	11.03	10.92	12.17	12.56	11.43	11.54	11.25	10.76	10.54	10.59	10.26	9.99	9.29	9.98	9.07	9.00	9.12	9.50	9.23	9.03	8.93	8.67	8.67	8.37	8.39	8.39	10.79	8.90	8.93	8.66	7.78	5.37	5.05	2.32	1.64	2.58	3.41	0.59			37
36	9.46	9.79	10.01	10.49	10.84	10.84	10.99	10.74	10.41	10.19	10.11	10.04	9.78	9.15	9.47	9.09	9.02	9.10	9.32	9.32	9.22	9.02	8.59	8.24	8.25	8.19	8.17	8.10	7.84	7.84	6.38	4.35	3.94	2.84	2.81	3.11	1.41	1.44	0.61			36
35	8.80	8.94	9.17	9.44	9.83	10.15	10.44	10.42	10.19	9.84	9.58	9.45	9.31	9.49	9.37	8.87	9.01	9.24	9.31	8.88	8.78	8.44	8.37	8.17	8.11	8.09	8.02	6.63	4.80	7.06	4.39	3.80	3.54	3.16	2.16	2.25	1.09	1.30	0.62			35
34	8.11	8.24	8.38	8.43	9.02	9.48	9.83	10.04	10.03	9.65	9.17	8.94	8.76	8.86	9.35	9.34	9.25	9.19	9.31	8.87	8.70	8.34	7.92	8.06	8.03	8.03	7.98	6.44	4.44	4.26	3.72	3.34	3.20	3.12	1.31	1.27	1.09	1.34	0.64			34
33	7.42	7.54	7.81	8.02	8.37	8.81	9.21	9.49	9.73	9.52	9.08	8.65	8.33	8.32	8.42	9.28	9.37	9.02	9.09	8.70	8.47	8.25	8.04	7.87	7.96	7.99	7.93	6.17	4.27	3.35	2.99	2.69	2.26	1.73	1.73	0.57	1.07	1.38	0.66			33
32	6.64	6.87	7.14	7.43	7.72	8.11	8.36	8.34	9.06	9.19	8.97	8.55	8.02	7.87	8.05	9.17	9.15	8.75	8.79	8.72	8.50	8.17	7.94	7.89	7.88	7.86	7.87	4.30	2.99	2.73	2.62	2.44	2.31	1.57	1.16	0.54	0.98	1.34	0.67			32
31	5.61	6.02	6.46	6.85	7.18	7.58	7.66	7.52	8.16	8.40	8.50	8.35	7.84	7.59	7.79	8.83	8.76	8.58	8.80	8.79	8.26	8.02	7.93	7.91	7.92	7.80	7.39	4.92	3.03	2.72	2.40	1.85	1.53	1.19	0.55	-0.06	0.94	1.47	0.69			31
30	4.14	5.01	5.68	6.18	6.78	7.57	7.22	6.81	7.00	7.17	7.65	7.70	6.99	7.31	7.74	8.40	8.58	8.69	8.65	8.47	8.08	7.98	7.88	7.86	7.94	7.08	6.69	4.86	3.08	2.51	2.01	1.77	1.54	1.26	0.55	0.66	1.08	1.49				30
29	2.71	3.76	4.61	5.44	6.50	7.08	6.67	6.29	6.76	6.86	6.61	7.06	7.00	7.06	7.29	8.18	8.52	8.54	8.24	8.17	8.09	7.92	7.83	7.82	7.96	7.08	5.63	4.98	2.64	1.98	1.90	1.79	1.93	1.88	1.64	1.85	1.46	1.51				29
28	1.79	2.56	3.33	4.43	5.29	5.95	5.77	5.89	6.19	6.35	6.45	6.63	6.71	6.79	7.02	8.04	8.21	8.31	8.13	8.15	8.07	7.85	7.79	8.00	6.95	6.49	4.99	4.16	2.89	1.76	1.82	1.73	1.81	1.79	1.91	2.05	2.12	1.53				28
27	0.80	1.38	2.05	2.85	3.53	4.22	4.72	5.27	5.66	5.95	6.15	6.34	6.45	6.59	6.86	7.99	8.14	8.15	8.09	8.03	7.95	7.79	7.74	8.04	6.68	5.46	3.81	4.22	2.70	2.56	2.00	1.75	1.78	1.80	1.81	1.85	1.35	0.68				27
26	1.08	0.98	1.48	2.33	2.69	3.39	4.18	5.16	5.32	5.60	5.83	6.06	6.17	6.33	6.75	8.00	8.06	8.07	8.05	8.00	7.88	7.73	8.08	6.34	6.18	4.60	5.11	3.65	2.66	2.85	2.49	1.88	1.75	1.75	1.60	1.83	0.68					26
25			0.93	1.53	2.17	3.01	3.84	4.61	4.80	5.24	5.56	5.85	6.01	6.21	6.63	7.97	8.01	8.01	8.02	7.95	7.80	8.12	6.66	6.36	6.00	4.54	5.09	3.64	2.12	2.28	2.35	2.40	1.86	1.96	1.77	1.79	0.67					25
24					1.38	1.80	2.33	3.15	3.91	4.66	5.25	5.78	5.86	6.10	6.53	7.95	7.98	7.99	8.00	7.90	7.70	8.14	6.57	6.24	5.47	4.53	4.90	3.56	2.56	2.76	2.31	1.96	1.83	2.11	1.59	1.53	0.67					24
23						2.03	1.64	2.25	3.11	4.01	4.69	5.14	5.48	5.83	6.36	8.31	8.32	8.32	8.32	8.24	8.18	5.99	5.57	5.37	5.08	4.51	4.54	3.50	2.99	2.63	2.19	1.98	1.60	1.51	0.93	0.98	0.67					23
22						1.47	1.09	1.49	2.31	3.21	3.99	4.47	4.93	5.50	5.89	6.30	6.64	7.08	7.15	7.21	7.25	5.61	5.46	5.27	5.37	5.20	3.65	3.10	2.78	2.23	1.94	1.76	1.40	1.26	0.85	0.66						22
21							1.49	1.07	1.59	2.32	3.03	3.58	3.97	4.55	5.02	5.02	5.37	5.65	6.04	5.87	6.32	5.16	4.80	4.68	4.63	4.18	3.56	2.73	2.29	1.72	1.51	1.54	1.31	1.12	0.65							21
20								1.38	0.80	1.64	2.04	2.48	2.86	3.39	4.15	3.95	4.11	4.57	5.20	5.67	6.39	4.78	4.34	4.10	3.89	3.59	3.23	2.37	1.19	0.21	-0.22	1.05	1.23	1.06	0.65							20
19										1.83	1.00	1.43	1.96	2.50	2.91	3.17	3.49	4.56	5.45	5.52	6.25	4.49	3.88	3.54	3.27	3.21	3.22	2.32	1.55	1.22	0.95	1.09	1.15	0.64								19
18										0.36	-0.02	0.64	1.42	2.04	2.55	2.86	3.38	4.46	5.20	5.39	6.30	4.07	3.22	2.98	2.90	2.98	3.23	2.32	1.76	1.47	1.19	1.15	0.93	0.63								18
17										-0.10	-0.51	0.04	1.66	1.74	2.37	2.85	3.73	4.52	4.67	4.62	5.04	3.50	2.83	2.62	2.58	2.58	3.10	2.19	2.00	1.65	1.42	1.20	0.62									17
16											0.31	-0.37	0.24	1.20	2.09	2.56	3.17	4.17	4.26	3.46	3.01	2.48	2.30	2.49	2.70	2.88	2.59	1.71	1.82	1.66	1.31	1.29	0.61									16
15											-0.67	-0.58	-0.37	0.57	1.36	2.10	2.69	3.15	3.31	2.40	1.83	1.92	1.57	2.28	2.78	2.16	1.77	1.50	1.44	1.42	1.20	1.25	0.61									15
14												0.35	-0.35	0.09	0.97	1.86	2.44	2.56	2.23	1.82	1.74	1.72	1.85	2.15	2.61	2.42	1.50	1.08	1.11	0.85	0.79	0.60										14
13													0.32	0.22	0.60	1.28	1.72	1.80	1.67	1.61	1.61	1.64	1.79	2.02	2.29	1.40	1.11	0.93	0.54	0.56	0.49	0.59										13
12												0.36	0.41	0.48	0.60	1.11	1.39	1.31	1.23	1.30	1.42	1.48	1.67	1.84	1.09	0.78	0.71	0.44	0.40	0.09	0.03	0.58										12
11												0.39	0.08	0.13	0.57	0.81	0.52	0.40	0.23	0.65	0.99	1.23	1.54	1.01	0.86	0.22	0.11	0.44	0.33	0.11	-0.05	0.58										11
10												0.35	0.25	0.31	0.46	0.16	0.22	0.04	0.02	0.22	0.53	1.31	1.19	1.48	0.78	0.21	0.22	0.05	-0.16	0.29	-0.02	0.57										10
9													0.14	0.26	0.43	0.70	-0.05	-0.22	-0.04	0.17	0.38	0.55	1.09	0.88	0.31	0.31	0.03	-0.22	-0.35	-0.38	-0.02	0.56										9
8													-0.44	0.00	-0.17	-0.25	-0.14	-0.12	-0.05	0.07	0.22	0.34	0.32	0.65	0.53	0.18	-0.12	-0.28	-0.40	-0.36	0.03	0.55										8
7													-0.24	-0.20	-0.05	-0.45	-0.62	-0.24	-0.19	-0.10	0.07	0.43	0.04	-0.08	-0.07	0.29	-0.13	-0.17	-0.27	-0.04	0.54											7
6													-0.24	-0.06	-0.09	-0.18	-0.52	-0.47	-0.49	-0.43	-0.29	-0.22	-0.38	-0.47	-0.49	-0.22	0.43	0.38	0.00	0.54												6
5													0.06	-0.06	-0.12	-0.15	-0.18	-0.48	-0.73	-0.82	-0.70	-0.70	-0.75	-0.58	-0.51	-0.35	-0.15	0.10	0.53													5
4													0.35	0.15	-0.13	-0.18	-0.25	-0.29	-0.31	-0.72	-0.96	-0.64	-0.64	-0.54	-0.50	1.12	0.60															4
3															0.42	-0.26	-0.29	-0.27	-0.33	-0.54	-0.52	0.08	1.01	1.00	1.00																	3
2															0.33	0.35	0.29	0.23	-0.33	-0.15	-0.07																					2
1															-0.73	-0.73	-0.74	-0.75	-0.75	-0.76	-0.76																					1
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	

05/01/2011 SFWMM PA RUNS - DRAFT
INITIAL PONDING

LORS2008

SFWMM v6.5



Ponding Depth Class
(feet)

- < -10
- -10 to -8
- -8 to -6
- -6 to -5
- -5 to -4
- -4 to -3
- -3 to -2
- -2 to -1
- -1 to 0
- 0 to 1
- 1 to 2
- 2 to 3
- 3 to 4
- 4 to 5
- 5 to 6
- > 6

06 May 11 14:10:53 Friday

Lake Okechobee Band Probabilities (%) at the Begining of Each Month
(See assumptions on the Position Analysis Results website)
Initial Stage 10.93 ft. for 05/01/2011

Date	HLM	High	Inter	Low	Base	Bene	WSM
2011 05 01	2.4	0.0	0.0	0.0	0.0	57.3	40.2
2011 06 01	2.4	0.0	0.0	0.0	0.0	39.8	57.8
2011 07 01	2.4	0.0	0.0	3.0	1.1	31.7	61.7
2011 08 01	2.4	0.0	0.0	6.0	6.0	21.6	64.1
2011 09 01	2.4	0.0	0.0	9.2	20.4	1.8	66.1
2011 10 01	2.4	0.0	0.0	14.1	25.9	0.0	57.6
2011 11 01	2.4	0.0	0.8	26.0	16.5	1.8	52.4
2011 12 01	2.4	0.0	0.1	25.1	19.0	11.5	41.9
2012 01 01	2.4	0.0	0.0	32.0	9.4	18.1	38.1
2012 02 01	2.4	0.0	2.4	33.6	9.1	16.4	36.0
2012 03 01	2.4	0.0	7.3	27.9	11.2	17.3	33.8
2012 04 01	3.2	4.2	2.4	17.6	17.5	15.5	39.6

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

Run:
SFWMM v6.5.0 - May 2011 POSITION ANALYSIS Run LOK=10.93 EAA=0.03 CA1 SL = 1.0 CA

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

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1965	10	31	0	0.93	0.00	0.00	0.00	0.00	0.00	0.00
1965	11	4	0	57.17	0.00	0.00	0.00	0.00	0.00	0.00
1965	12	0	0	48.54	0.00	0.00	0.00	0.00	0.00	0.00
1966	1	0	0	0.86	0.00	0.00	0.01	1.21	0.01	1.21
1966	2	0	0	20.12	0.00	0.00	0.00	0.00	0.00	0.00
1966	3	0	0	76.77	0.00	0.00	0.00	0.00	0.00	0.00
1966	4	0	0	69.12	0.00	0.00	0.00	0.00	0.00	0.00
1966	5	16	3	80.11	3.04	3.79	0.00	0.00	3.04	3.79
1966	6	0	0	5.56	0.00	0.00	0.00	0.00	0.00	0.00
1966	7	0	0	0.12	0.00	0.00	0.00	0.00	0.00	0.00
1966	8	0	0	1.98	0.00	0.00	0.00	0.00	0.00	0.00
1966	9	0	0	1.86	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1966	10	0	0	7.01	0.00	0.00	0.00	0.00	0.00	0.00
1966	11	0	0	99.37	0.00	0.00	0.00	0.00	0.00	0.00
1966	12	0	0	62.31	0.00	0.00	0.00	0.00	0.00	0.00
1967	1	0	0	52.10	0.00	0.00	0.00	0.00	0.00	0.00
1967	2	0	0	32.71	0.00	0.00	0.00	0.00	0.00	0.00
1967	3	0	0	93.95	0.00	0.00	0.00	0.00	0.00	0.00
1967	4	0	0	195.99	0.00	0.00	0.02	0.01	0.02	0.01
1967	5	31	28	255.51	109.09	42.70	6.12	2.40	115.22	45.09
1967	6	30	6	44.84	9.52	21.23	5.99	13.36	15.51	34.59
1967	7	31	2	7.27	1.80	24.80	0.11	1.58	1.92	26.38
1967	8	31	8	7.84	4.42	56.41	0.00	0.00	4.42	56.41
1967	9	30	9	13.59	6.75	49.63	0.00	0.00	6.75	49.63

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1967	10	31	0	1.40	0.00	0.00	0.00	0.00	0.00	0.00
1967	11	30	22	104.23	22.70	21.78	0.06	0.06	22.76	21.84
1967	12	31	6	36.41	1.24	3.41	0.00	0.00	1.24	3.41
1968	1	31	10	66.98	5.10	7.61	0.00	0.00	5.10	7.61
1968	2	29	8	45.47	7.14	15.70	0.00	0.00	7.14	15.70
1968	3	31	12	90.92	34.87	38.35	0.00	0.00	34.87	38.36
1968	4	30	28	172.87	64.86	37.52	1.89	1.09	66.74	38.61
1968	5	11	0	30.56	0.00	0.00	0.31	1.00	0.31	1.00
1968	6	0	0	1.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	7	0	0	14.77	0.00	0.00	0.00	0.00	0.00	0.00
1968	8	0	0	11.66	0.00	0.00	0.00	0.00	0.00	0.00
1968	9	0	0	8.75	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1968	10	0	0	0.64	0.00	0.00	0.00	0.00	0.00	0.00
1968	11	0	0	43.01	0.00	0.00	0.00	0.00	0.00	0.00
1968	12	0	0	98.85	0.00	0.00	0.00	0.00	0.00	0.00
1969	1	0	0	27.53	0.00	0.00	0.00	0.00	0.00	0.00
1969	2	0	0	53.53	0.00	0.00	0.00	0.00	0.00	0.00
1969	3	0	0	15.74	0.00	0.00	0.00	0.00	0.00	0.00
1969	4	0	0	73.05	0.00	0.00	0.00	0.00	0.00	0.00
1969	5	4	0	23.73	0.00	0.00	0.25	1.04	0.25	1.04
1969	6	0	0	23.84	0.00	0.00	0.21	0.87	0.21	0.87
1969	7	23	8	32.26	16.72	51.83	0.06	0.17	16.78	52.01
1969	8	17	0	1.72	0.00	0.00	0.00	0.00	0.00	0.00
1969	9	24	0	0.50	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1969	10	0	0	9.07	0.00	0.00	0.00	0.00	0.00	0.00
1969	11	0	0	14.84	0.00	0.00	0.00	0.00	0.00	0.00
1969	12	0	0	22.41	0.00	0.00	0.00	0.00	0.00	0.00
1970	1	0	0	4.45	0.00	0.00	0.00	0.00	0.00	0.00
1970	2	0	0	13.64	0.00	0.00	0.00	0.00	0.00	0.00
1970	3	0	0	17.06	0.00	0.00	0.00	0.00	0.00	0.00
1970	4	0	0	89.31	0.00	0.00	0.00	0.00	0.00	0.00
1970	5	30	21	180.41	69.65	38.61	5.68	3.15	75.33	41.75
1970	6	6	0	11.72	0.00	0.00	1.96	16.70	1.96	16.70
1970	7	31	4	14.82	3.17	21.41	0.03	0.19	3.20	21.60
1970	8	31	2	7.25	1.28	17.64	0.00	0.00	1.28	17.64
1970	9	30	6	12.71	6.29	49.52	0.00	0.00	6.29	49.52

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1970	10	31	0	12.26	0.00	0.00	0.00	0.00	0.00	0.00
1970	11	30	22	106.10	29.80	28.09	0.14	0.13	29.94	28.22
1970	12	31	28	107.37	41.47	38.63	0.13	0.12	41.60	38.75
1971	1	31	28	89.71	32.87	36.64	0.02	0.03	32.89	36.67
1971	2	28	19	74.99	33.61	44.81	0.00	0.00	33.61	44.81
1971	3	31	31	156.23	83.50	53.45	0.04	0.02	83.54	53.47
1971	4	30	29	209.64	123.61	58.96	0.11	0.05	123.71	59.01
1971	5	16	9	111.32	17.28	15.52	0.24	0.21	17.52	15.74
1971	6	29	6	38.61	4.83	12.50	0.00	0.00	4.83	12.50
1971	7	31	0	0.86	0.00	0.00	0.00	0.00	0.00	0.00
1971	8	31	2	4.95	0.72	14.56	0.00	0.00	0.72	14.56
1971	9	26	7	16.76	5.09	30.35	0.00	0.00	5.09	30.35

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1971	10	13	5	20.08	10.55	52.53	0.00	0.02	10.55	52.56
1971	11	0	0	47.76	0.00	0.00	0.00	0.00	0.00	0.00
1971	12	0	0	58.47	0.00	0.00	0.00	0.00	0.00	0.00
1972	1	0	0	39.94	0.00	0.00	0.00	0.00	0.00	0.00
1972	2	0	0	39.83	0.00	0.00	0.00	0.00	0.00	0.00
1972	3	21	11	102.54	19.35	18.87	0.00	0.00	19.35	18.87
1972	4	27	0	49.60	0.00	0.00	0.00	0.00	0.00	0.00
1972	5	4	0	43.47	0.00	0.00	0.00	0.00	0.00	0.00
1972	6	0	0	34.32	0.00	0.00	2.15	6.27	2.15	6.27
1972	7	1	1	32.40	0.78	2.42	0.00	0.00	0.78	2.42
1972	8	31	21	56.73	35.89	63.26	0.00	0.00	35.89	63.26
1972	9	30	15	38.39	20.68	53.86	0.00	0.00	20.68	53.86

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1972	10	31	23	98.15	31.10	31.68	0.00	0.00	31.10	31.68
1972	11	30	5	32.78	5.83	17.79	0.15	0.44	5.98	18.23
1972	12	31	8	34.31	5.19	15.11	0.00	0.00	5.19	15.11
1973	1	31	5	16.60	4.40	26.49	0.00	0.00	4.40	26.49
1973	2	28	0	13.33	0.00	0.00	0.00	0.00	0.00	0.00
1973	3	31	16	71.20	19.31	27.12	0.04	0.06	19.35	27.18
1973	4	30	20	128.39	40.58	31.61	0.90	0.70	41.49	32.31
1973	5	20	8	134.53	12.69	9.43	0.34	0.26	13.03	9.69
1973	6	30	4	33.76	3.84	11.38	0.00	0.00	3.84	11.38
1973	7	31	0	3.08	0.00	0.00	0.00	0.00	0.00	0.00
1973	8	31	0	0.98	0.00	0.00	0.00	0.00	0.00	0.00
1973	9	30	0	0.89	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1973	10	9	0	21.25	0.00	0.00	0.00	0.00	0.00	0.00
1973	11	1	1	108.19	1.33	1.23	0.00	0.00	1.33	1.23
1973	12	26	5	32.66	2.10	6.43	0.00	0.00	2.10	6.44
1974	1	3	2	54.10	0.32	0.59	0.00	0.00	0.32	0.59
1974	2	28	22	96.06	24.54	25.55	0.00	0.00	24.55	25.55
1974	3	31	29	162.81	58.65	36.02	0.01	0.00	58.65	36.03
1974	4	30	26	153.22	46.92	30.62	0.43	0.28	47.35	30.90
1974	5	31	5	109.50	7.89	7.21	0.39	0.35	8.28	7.56
1974	6	30	0	11.11	0.00	0.00	0.97	8.69	0.97	8.69
1974	7	1	0	0.09	0.00	0.00	0.00	0.00	0.00	0.00
1974	8	0	0	0.03	0.00	0.00	0.00	0.00	0.00	0.00
1974	9	0	0	1.68	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1974	10	0	0	33.21	0.00	0.00	0.00	0.00	0.00	0.00
1974	11	0	0	75.94	0.00	0.00	0.00	0.00	0.00	0.00
1974	12	0	0	19.33	0.00	0.00	0.00	0.00	0.00	0.00
1975	1	0	0	88.69	0.00	0.00	0.00	0.00	0.00	0.00
1975	2	0	0	80.05	0.00	0.00	0.00	0.00	0.00	0.00
1975	3	0	0	115.87	0.00	0.00	0.00	0.00	0.00	0.00
1975	4	0	0	132.92	0.00	0.00	0.00	0.00	0.00	0.00
1975	5	15	1	41.37	0.28	0.66	0.38	0.93	0.66	1.59
1975	6	0	0	5.17	0.00	0.00	0.00	0.00	0.00	0.00
1975	7	23	0	3.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	8	31	6	11.25	6.70	59.51	0.00	0.00	6.70	59.51
1975	9	30	0	1.10	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1975	10	31	0	4.47	0.00	0.00	0.00	0.00	0.00	0.00
1975	11	30	10	63.89	10.75	16.82	0.10	0.16	10.85	16.99
1975	12	31	20	93.99	17.75	18.88	0.01	0.01	17.76	18.89
1976	1	31	17	77.14	10.35	13.42	0.14	0.18	10.49	13.60
1976	2	29	16	79.25	20.83	26.29	0.00	0.00	20.83	26.29
1976	3	31	13	90.16	19.38	21.50	0.08	0.09	19.46	21.58
1976	4	30	21	142.93	54.31	38.00	0.57	0.40	54.88	38.39
1976	5	8	0	11.25	0.00	0.00	0.20	1.76	0.20	1.76
1976	6	0	0	21.28	0.00	0.00	0.00	0.00	0.00	0.00
1976	7	0	0	22.46	0.00	0.00	0.00	0.00	0.00	0.00
1976	8	0	0	3.94	0.00	0.00	0.00	0.00	0.00	0.00
1976	9	0	0	2.24	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1976	10	5	5	79.85	5.90	7.39	0.00	0.00	5.90	7.39
1976	11	3	1	56.01	1.62	2.89	0.18	0.32	1.80	3.22
1976	12	0	0	23.85	0.00	0.00	0.00	0.00	0.00	0.00
1977	1	0	0	2.27	0.00	0.00	0.00	0.00	0.00	0.00
1977	2	0	0	63.05	0.00	0.00	0.00	0.00	0.00	0.00
1977	3	2	2	120.23	4.14	3.44	0.00	0.00	4.14	3.44
1977	4	28	17	164.51	17.00	10.33	0.03	0.02	17.02	10.35
1977	5	9	0	40.81	0.00	0.00	0.18	0.43	0.18	0.43
1977	6	7	5	71.63	24.53	34.25	0.00	0.00	24.54	34.25
1977	7	31	5	26.93	7.55	28.05	0.00	0.00	7.55	28.05
1977	8	31	6	8.77	1.71	19.50	0.00	0.00	1.71	19.51
1977	9	30	0	0.02	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1977	10	31	16	84.01	28.73	34.20	0.00	0.00	28.73	34.20
1977	11	30	0	27.52	0.00	0.00	0.48	1.74	0.48	1.74
1977	12	11	0	2.02	0.00	0.00	0.00	0.00	0.00	0.00
1978	1	0	0	9.38	0.00	0.00	0.00	0.00	0.00	0.00
1978	2	0	0	31.70	0.00	0.00	0.00	0.00	0.00	0.00
1978	3	0	0	56.59	0.00	0.00	0.00	0.00	0.00	0.00
1978	4	0	0	121.72	0.00	0.00	0.00	0.00	0.00	0.00
1978	5	4	0	26.94	0.00	0.00	0.23	0.85	0.23	0.85
1978	6	6	0	24.50	0.00	0.00	0.00	0.00	0.00	0.00
1978	7	24	0	2.06	0.00	0.00	0.00	0.00	0.00	0.00
1978	8	0	0	0.02	0.00	0.00	0.00	0.00	0.00	0.00
1978	9	0	0	2.62	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1978	10	0	0	10.88	0.00	0.00	0.00	0.00	0.00	0.00
1978	11	0	0	28.29	0.00	0.00	0.00	0.00	0.00	0.00
1978	12	0	0	22.69	0.00	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	0.00
1979	2	0	0	50.82	0.00	0.00	0.00	0.00	0.00	0.00
1979	3	0	0	83.32	0.00	0.00	0.00	0.00	0.00	0.00
1979	4	0	0	129.68	0.00	0.00	0.00	0.00	0.00	0.00
1979	5	1	0	4.95	0.00	0.00	0.00	0.00	0.00	0.00
1979	6	12	8	189.91	32.62	17.18	5.21	2.74	37.83	19.92
1979	7	31	10	30.77	12.88	41.84	0.00	0.00	12.88	41.84
1979	8	31	6	10.27	3.08	30.02	0.19	1.81	3.27	31.83
1979	9	22	1	0.59	0.14	24.65	0.00	0.00	0.14	24.65

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1979	10	0	0	15.69	0.00	0.00	0.00	0.00	0.00	0.00
1979	11	0	0	6.37	0.00	0.00	0.00	0.00	0.00	0.00
1979	12	0	0	23.26	0.00	0.00	0.00	0.00	0.00	0.00
1980	1	0	0	44.58	0.00	0.00	0.00	0.00	0.00	0.00
1980	2	0	0	13.13	0.00	0.00	0.00	0.00	0.00	0.00
1980	3	0	0	75.37	0.00	0.00	0.00	0.00	0.00	0.00
1980	4	0	0	14.71	0.00	0.00	0.00	0.00	0.00	0.00
1980	5	28	9	119.51	15.68	13.12	0.35	0.29	16.03	13.41
1980	6	29	25	173.62	90.43	52.08	2.93	1.68	93.36	53.77
1980	7	31	9	29.80	14.26	47.86	0.03	0.08	14.29	47.94
1980	8	31	3	9.62	1.95	20.24	0.00	0.00	1.95	20.24
1980	9	30	0	4.33	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1980	10	31	25	95.71	42.90	44.82	0.01	0.01	42.91	44.83
1980	11	30	10	38.15	11.45	30.02	0.00	0.00	11.45	30.03
1980	12	31	12	47.89	16.39	34.23	0.11	0.22	16.50	34.45
1981	1	31	29	91.68	51.97	56.69	0.09	0.09	52.06	56.78
1981	2	28	13	44.28	19.39	43.78	0.00	0.00	19.39	43.78
1981	3	31	28	123.37	73.16	59.30	0.04	0.03	73.20	59.33
1981	4	30	30	190.36	112.28	58.99	0.01	0.00	112.29	58.99
1981	5	31	18	195.85	68.15	34.80	1.18	0.60	69.32	35.40
1981	6	30	15	107.35	46.45	43.27	5.02	4.67	51.47	47.94
1981	7	31	18	90.65	66.22	73.05	0.00	0.00	66.22	73.05
1981	8	31	0	2.60	0.00	0.00	0.00	0.00	0.00	0.00
1981	9	30	1	3.25	0.40	12.24	0.00	0.00	0.40	12.24

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1981	10	31	28	122.43	52.98	43.27	0.00	0.00	52.98	43.27
1981	11	30	13	61.47	30.59	49.77	0.08	0.13	30.68	49.91
1981	12	31	30	104.17	52.05	49.97	0.01	0.01	52.07	49.98
1982	1	31	27	92.14	43.71	47.44	0.00	0.00	43.71	47.44
1982	2	28	11	40.85	6.57	16.09	0.00	0.00	6.57	16.09
1982	3	31	6	42.18	15.79	37.44	0.00	0.00	15.79	37.44
1982	4	30	0	15.67	0.00	0.00	0.01	0.09	0.01	0.09
1982	5	27	16	164.09	51.64	31.47	0.20	0.12	51.84	31.59
1982	6	0	0	21.45	0.00	0.00	1.16	5.43	1.16	5.43
1982	7	0	0	5.03	0.00	0.00	0.00	0.00	0.00	0.00
1982	8	0	0	3.06	0.00	0.00	0.00	0.00	0.00	0.00
1982	9	0	0	6.10	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1982	10	0	0	16.65	0.00	0.00	0.00	0.00	0.00	0.00
1982	11	0	0	54.28	0.00	0.00	0.00	0.00	0.00	0.00
1982	12	0	0	56.95	0.00	0.00	0.00	0.00	0.00	0.00
1983	1	0	0	25.39	0.00	0.00	0.00	0.00	0.00	0.00
1983	2	0	0	0.30	0.00	0.00	0.00	0.00	0.00	0.00
1983	3	0	0	0.40	0.00	0.00	0.00	0.00	0.00	0.00
1983	4	0	0	35.33	0.00	0.00	0.00	0.00	0.00	0.00
1983	5	26	21	232.82	90.39	38.82	2.18	0.94	92.57	39.76
1983	6	30	7	51.83	11.20	21.61	6.96	13.43	18.16	35.04
1983	7	31	14	56.03	33.75	60.24	0.00	0.00	33.75	60.24
1983	8	31	9	8.22	2.78	33.85	0.00	0.00	2.78	33.86
1983	9	30	3	8.80	4.41	50.14	0.00	0.00	4.41	50.15

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1983	10	31	0	4.01	0.00	0.00	0.00	0.00	0.00	0.00
1983	11	30	0	25.80	0.00	0.00	0.00	0.00	0.00	0.00
1983	12	31	0	21.64	0.00	0.00	0.00	0.00	0.00	0.00
1984	1	10	0	38.03	0.00	0.00	0.00	0.00	0.00	0.00
1984	2	12	3	38.17	1.29	3.39	0.00	0.00	1.29	3.39
1984	3	0	0	19.16	0.00	0.00	0.00	0.00	0.00	0.00
1984	4	0	0	56.68	0.00	0.00	0.00	0.00	0.00	0.00
1984	5	28	11	128.86	23.85	18.51	0.47	0.36	24.32	18.87
1984	6	19	3	62.28	6.39	10.26	0.67	1.07	7.06	11.34
1984	7	5	0	2.14	0.00	0.00	0.06	2.64	0.06	2.64
1984	8	3	2	21.16	0.93	4.41	0.00	0.00	0.93	4.41
1984	9	30	12	20.06	10.68	53.24	0.00	0.00	10.68	53.24

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1984	10	31	10	67.48	11.10	16.45	0.00	0.00	11.10	16.45
1984	11	30	11	70.21	15.98	22.77	0.00	0.00	15.99	22.77
1984	12	31	10	59.98	6.54	10.91	0.00	0.00	6.54	10.91
1985	1	31	11	74.39	9.33	12.55	0.02	0.03	9.36	12.58
1985	2	28	25	105.75	31.57	29.85	0.08	0.07	31.65	29.93
1985	3	31	20	112.85	48.86	43.30	0.07	0.06	48.93	43.36
1985	4	30	5	44.44	7.76	17.47	1.79	4.03	9.55	21.49
1985	5	31	16	169.60	38.46	22.68	0.25	0.15	38.71	22.82
1985	6	30	14	138.62	73.10	52.73	8.79	6.34	81.89	59.07
1985	7	31	2	8.03	2.64	32.82	0.00	0.00	2.64	32.82
1985	8	31	1	2.33	0.04	1.77	0.00	0.00	0.04	1.77
1985	9	30	0	0.28	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1985	10	31	0	9.66	0.00	0.00	0.00	0.00	0.00	0.00
1985	11	30	4	40.33	3.40	8.44	0.00	0.00	3.40	8.44
1985	12	31	0	21.43	0.00	0.00	0.00	0.00	0.00	0.00
1986	1	31	2	15.88	0.66	4.13	0.00	0.00	0.66	4.13
1986	2	28	9	56.52	8.71	15.40	0.20	0.35	8.91	15.76
1986	3	31	3	22.24	4.06	18.24	0.02	0.08	4.07	18.32
1986	4	30	16	162.01	25.07	15.47	0.41	0.26	25.49	15.73
1986	5	31	10	142.00	28.63	20.16	0.28	0.19	28.91	20.36
1986	6	29	4	33.32	8.02	24.07	2.11	6.33	10.13	30.41
1986	7	0	0	3.33	0.00	0.00	0.00	0.00	0.00	0.00
1986	8	0	0	0.02	0.00	0.00	0.00	0.00	0.00	0.00
1986	9	7	0	5.64	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1986	10	31	7	38.89	6.48	16.67	0.00	0.00	6.48	16.67
1986	11	0	0	26.58	0.00	0.00	0.04	0.14	0.04	0.14
1986	12	0	0	43.99	0.00	0.00	0.00	0.00	0.00	0.00
1987	1	0	0	15.21	0.00	0.00	0.00	0.00	0.00	0.00
1987	2	0	0	25.77	0.00	0.00	0.03	0.11	0.03	0.11
1987	3	0	0	20.80	0.00	0.00	0.00	0.00	0.00	0.00
1987	4	0	0	123.64	0.00	0.00	0.02	0.02	0.02	0.02
1987	5	17	8	121.25	22.81	18.82	0.52	0.43	23.33	19.24
1987	6	30	23	159.53	76.74	48.10	4.66	2.92	81.40	51.02
1987	7	31	8	17.98	6.51	36.19	0.00	0.00	6.51	36.19
1987	8	31	21	79.48	69.61	87.58	0.02	0.03	69.63	87.61
1987	9	30	16	22.87	13.94	60.97	0.00	0.00	13.94	60.97

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1987	10	31	0	18.90	0.00	0.00	0.00	0.00	0.00	0.00
1987	11	27	0	2.21	0.00	0.00	0.00	0.00	0.00	0.00
1987	12	0	0	43.89	0.00	0.00	0.00	0.00	0.00	0.00
1988	1	0	0	10.90	0.00	0.00	0.00	0.00	0.00	0.00
1988	2	0	0	13.65	0.00	0.00	0.00	0.00	0.00	0.00
1988	3	0	0	30.17	0.00	0.00	0.00	0.00	0.00	0.00
1988	4	0	0	154.55	0.00	0.00	0.00	0.00	0.00	0.00
1988	5	22	9	143.94	12.93	8.99	0.06	0.04	12.99	9.03
1988	6	30	14	81.72	24.00	29.37	0.00	0.00	24.00	29.37
1988	7	31	5	10.26	2.84	27.64	0.00	0.00	2.84	27.64
1988	8	31	0	0.02	0.00	0.00	0.00	0.00	0.00	0.00
1988	9	30	18	62.61	44.64	71.30	0.00	0.00	44.64	71.30

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1988	10	31	31	148.19	76.42	51.57	0.02	0.01	76.44	51.58
1988	11	30	7	55.53	1.20	2.16	0.35	0.63	1.55	2.79
1988	12	31	15	62.73	10.78	17.18	0.19	0.31	10.97	17.49
1989	1	31	18	71.69	24.79	34.57	0.00	0.00	24.79	34.57
1989	2	28	28	106.34	56.37	53.00	0.03	0.02	56.39	53.03
1989	3	31	14	73.52	25.85	35.16	0.14	0.20	25.99	35.35
1989	4	30	11	72.08	21.37	29.65	0.61	0.85	21.98	30.50
1989	5	24	15	175.01	45.36	25.92	0.18	0.10	45.54	26.02
1989	6	30	23	201.94	118.02	58.44	6.85	3.39	124.87	61.83
1989	7	31	17	55.05	33.56	60.96	0.00	0.00	33.56	60.96
1989	8	31	6	8.94	3.94	44.08	0.00	0.00	3.94	44.08
1989	9	30	0	1.69	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1989	10	31	2	17.42	0.51	2.92	0.00	0.00	0.51	2.92
1989	11	30	26	109.27	36.76	33.64	0.00	0.00	36.77	33.65
1989	12	31	9	39.63	8.16	20.58	0.00	0.00	8.16	20.59
1990	1	31	18	71.80	20.62	28.72	0.00	0.00	20.62	28.72
1990	2	28	3	14.99	1.50	10.04	0.00	0.00	1.50	10.04
1990	3	31	18	91.14	34.29	37.62	0.18	0.19	34.46	37.81
1990	4	30	20	126.95	33.67	26.52	4.13	3.26	37.81	29.78
1990	5	31	2	77.32	2.16	2.80	0.35	0.46	2.51	3.25
1990	6	30	8	70.96	33.15	46.72	0.00	0.00	33.15	46.72
1990	7	31	3	7.18	1.35	18.77	0.00	0.00	1.35	18.77
1990	8	31	2	4.43	1.47	33.26	0.00	0.00	1.47	33.26
1990	9	30	18	31.36	13.81	44.05	0.00	0.00	13.81	44.05

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1990	10	30	0	18.99	0.00	0.00	0.00	0.00	0.00	0.00
1990	11	26	18	97.40	19.64	20.16	0.00	0.00	19.64	20.16
1990	12	31	23	95.16	24.66	25.91	0.00	0.00	24.66	25.91
1991	1	16	0	10.91	0.00	0.00	0.00	0.00	0.00	0.00
1991	2	0	0	36.60	0.00	0.00	0.00	0.00	0.00	0.00
1991	3	0	0	64.89	0.00	0.00	0.00	0.00	0.00	0.00
1991	4	0	0	5.09	0.00	0.00	0.00	0.00	0.00	0.00
1991	5	24	9	87.89	12.14	13.81	0.22	0.25	12.36	14.07
1991	6	0	0	19.52	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	10.32	0.00	0.00	0.00	0.00	0.00	0.00
1991	9	0	0	7.09	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1991	10	0	0	14.84	0.00	0.00	0.00	0.00	0.00	0.00
1991	11	0	0	51.84	0.00	0.00	0.00	0.00	0.00	0.00
1991	12	0	0	40.41	0.00	0.00	0.00	0.00	0.00	0.00
1992	1	0	0	25.39	0.00	0.00	0.00	0.00	0.00	0.00
1992	2	0	0	27.32	0.00	0.00	0.00	0.00	0.00	0.00
1992	3	0	0	38.76	0.00	0.00	0.00	0.00	0.00	0.00
1992	4	0	0	9.87	0.00	0.00	0.00	0.00	0.00	0.00
1992	5	29	20	239.19	87.02	36.38	0.00	0.00	87.02	36.38
1992	6	26	5	48.43	14.12	29.15	5.15	10.64	19.27	39.78
1992	7	0	0	21.74	0.00	0.00	0.00	0.00	0.00	0.00
1992	8	0	0	6.91	0.00	0.00	0.00	0.00	0.00	0.00
1992	9	0	0	0.57	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1992	10	0	0	63.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	11	0	0	23.22	0.00	0.00	0.00	0.00	0.00	0.00
1992	12	0	0	49.67	0.00	0.00	0.00	0.00	0.00	0.00
1993	1	0	0	0.25	0.00	0.00	0.00	0.00	0.00	0.00
1993	2	0	0	9.77	0.00	0.00	0.00	0.00	0.00	0.00
1993	3	0	0	24.25	0.00	0.00	0.00	0.00	0.00	0.00
1993	4	0	0	65.53	0.00	0.00	0.00	0.00	0.00	0.00
1993	5	31	18	204.75	69.52	33.95	0.80	0.39	70.33	34.35
1993	6	30	9	60.54	20.16	33.30	1.93	3.18	22.08	36.48
1993	7	31	25	74.23	47.55	64.06	0.07	0.10	47.62	64.16
1993	8	31	28	83.88	68.20	81.31	0.00	0.00	68.20	81.31
1993	9	30	1	4.59	0.58	12.64	0.00	0.00	0.58	12.64

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1993	10	31	0	4.63	0.00	0.00	0.00	0.00	0.00	0.00
1993	11	30	4	42.96	0.93	2.17	0.00	0.00	0.93	2.17
1993	12	31	12	59.36	8.77	14.78	0.00	0.00	8.77	14.78
1994	1	31	0	8.80	0.00	0.00	0.00	0.00	0.00	0.00
1994	2	20	0	10.35	0.00	0.00	0.00	0.00	0.00	0.00
1994	3	2	1	54.93	0.60	1.09	0.06	0.11	0.66	1.20
1994	4	0	0	55.17	0.00	0.00	0.00	0.00	0.00	0.00
1994	5	23	8	137.93	10.16	7.37	0.23	0.17	10.39	7.53
1994	6	2	0	21.54	0.00	0.00	0.00	0.00	0.00	0.00
1994	7	15	6	24.09	6.14	25.50	0.00	0.00	6.14	25.50
1994	8	31	0	0.14	0.00	0.00	0.00	0.00	0.00	0.00
1994	9	17	0	0.45	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1994	10	0	0	7.84	0.00	0.00	0.00	0.00	0.00	0.00
1994	11	0	0	12.32	0.00	0.00	0.00	0.00	0.00	0.00
1994	12	0	0	0.64	0.00	0.00	0.00	0.00	0.00	0.00
1995	1	0	0	4.30	0.00	0.00	0.00	0.00	0.00	0.00
1995	2	0	0	9.62	0.00	0.00	0.00	0.00	0.00	0.00
1995	3	0	0	38.29	0.00	0.00	0.00	0.00	0.00	0.00
1995	4	0	0	84.69	0.00	0.00	0.00	0.00	0.00	0.00
1995	5	8	3	117.21	9.82	8.38	0.00	0.00	9.82	8.38
1995	6	30	2	34.83	9.36	26.89	0.62	1.78	9.99	28.67
1995	7	31	3	15.86	2.66	16.77	0.99	6.24	3.65	23.02
1995	8	22	0	3.76	0.00	0.00	0.00	0.00	0.00	0.00
1995	9	0	0	13.37	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1995	10	0	0	0.98	0.00	0.00	0.00	0.00	0.00	0.00
1995	11	0	0	58.43	0.00	0.00	0.00	0.00	0.00	0.00
1995	12	0	0	42.60	0.00	0.00	0.00	0.00	0.00	0.00
1996	1	0	0	15.66	0.00	0.00	0.00	0.00	0.00	0.00
1996	2	0	0	85.16	0.00	0.00	0.00	0.00	0.00	0.00
1996	3	0	0	40.35	0.00	0.00	0.00	0.00	0.00	0.00
1996	4	0	0	70.64	0.00	0.00	0.00	0.00	0.00	0.00
1996	5	23	0	40.31	0.00	0.00	0.16	0.39	0.16	0.39
1996	6	0	0	3.33	0.00	0.00	0.00	0.00	0.00	0.00
1996	7	0	0	67.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	8	26	5	15.99	2.84	17.75	0.40	2.51	3.24	20.26
1996	9	30	16	37.62	17.54	46.63	0.00	0.00	17.54	46.63

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1996	10	31	2	20.12	0.49	2.44	0.00	0.00	0.49	2.44
1996	11	30	14	80.94	10.58	13.07	0.24	0.29	10.81	13.36
1996	12	31	23	90.17	15.58	17.27	0.00	0.00	15.58	17.27
1997	1	31	10	51.89	4.00	7.71	0.00	0.00	4.00	7.72
1997	2	28	11	55.98	12.20	21.80	0.00	0.00	12.20	21.80
1997	3	31	13	71.01	29.46	41.48	0.02	0.03	29.48	41.52
1997	4	30	7	37.22	10.34	27.79	0.05	0.14	10.40	27.93
1997	5	12	3	54.55	3.64	6.68	0.23	0.42	3.87	7.10
1997	6	0	0	37.60	0.00	0.00	1.76	4.68	1.76	4.68
1997	7	25	0	17.05	0.00	0.00	0.00	0.00	0.00	0.00
1997	8	14	1	2.78	0.07	2.40	0.00	0.00	0.07	2.40
1997	9	26	2	8.42	1.70	20.22	0.00	0.00	1.70	20.22

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1997	10	12	6	57.91	4.68	8.08	0.00	0.00	4.68	8.08
1997	11	2	0	19.61	0.00	0.00	0.33	1.71	0.33	1.71
1997	12	0	0	0.03	0.00	0.00	0.00	0.00	0.00	0.00
1998	1	0	0	2.96	0.00	0.00	0.00	0.00	0.00	0.00
1998	2	0	0	2.67	0.00	0.00	0.00	0.00	0.00	0.00
1998	3	0	0	6.41	0.00	0.00	0.00	0.00	0.00	0.00
1998	4	0	0	109.77	0.00	0.00	0.00	0.00	0.00	0.00
1998	5	17	12	174.65	54.96	31.47	0.11	0.06	55.08	31.54
1998	6	30	29	240.74	150.35	62.45	4.02	1.67	154.37	64.12
1998	7	31	17	48.12	27.13	56.38	0.00	0.00	27.13	56.39
1998	8	31	7	12.96	6.56	50.61	0.08	0.63	6.64	51.23
1998	9	30	4	3.53	1.54	43.66	0.00	0.00	1.54	43.66

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1998	10	31	5	31.20	1.46	4.67	0.00	0.00	1.46	4.67
1998	11	11	3	22.20	4.33	19.50	0.00	0.00	4.33	19.50
1998	12	0	0	40.85	0.00	0.00	0.00	0.00	0.00	0.00
1999	1	0	0	12.62	0.00	0.00	0.00	0.00	0.00	0.00
1999	2	0	0	54.21	0.00	0.00	0.00	0.00	0.00	0.00
1999	3	19	16	145.17	24.76	17.06	0.05	0.04	24.81	17.09
1999	4	30	18	163.00	36.92	22.65	0.10	0.06	37.03	22.72
1999	5	30	11	116.21	14.26	12.27	0.03	0.02	14.29	12.29
1999	6	19	0	7.75	0.00	0.00	0.00	0.00	0.00	0.00
1999	7	0	0	10.30	0.00	0.00	0.00	0.00	0.00	0.00
1999	8	0	0	14.95	0.00	0.00	0.03	0.18	0.03	0.18
1999	9	0	0	1.92	0.00	0.00	0.15	8.04	0.15	8.04

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1999	10	0	0	0.43	0.00	0.00	0.00	0.00	0.00	0.00
1999	11	0	0	49.85	0.00	0.00	0.00	0.00	0.00	0.00
1999	12	0	0	58.60	0.00	0.00	0.00	0.00	0.00	0.00
2000	1	0	0	69.86	0.00	0.00	0.00	0.00	0.00	0.00
2000	2	0	0	72.73	0.00	0.00	0.00	0.00	0.00	0.00
2000	3	0	0	85.83	0.00	0.00	0.00	0.00	0.00	0.00
2000	4	0	0	80.86	0.00	0.00	0.00	0.00	0.00	0.00
2000	5	31	26	219.74	80.30	36.54	1.81	0.83	82.11	37.37
2000	6	30	25	218.77	136.42	62.36	3.86	1.76	140.28	64.12
2000	7	31	1	5.03	0.04	0.70	0.00	0.00	0.04	0.70
2000	8	31	21	64.31	54.98	85.50	0.00	0.00	54.98	85.50
2000	9	30	7	7.21	4.96	68.90	0.00	0.00	4.96	68.90

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
2000	10	31	13	52.81	22.07	41.80	0.00	0.00	22.07	41.80
2000	11	30	29	126.20	67.94	53.83	0.01	0.01	67.95	53.84
2000	12	31	30	96.01	55.04	57.33	0.12	0.13	55.17	57.46
2001	1	31	28	89.04	54.75	61.49	0.00	0.00	54.75	61.49
2001	2	28	28	118.76	82.41	69.39	0.00	0.00	82.41	69.39
2001	3	31	24	112.26	66.57	59.30	0.11	0.10	66.69	59.40
2001	4	30	28	167.40	91.34	54.56	1.81	1.08	93.14	55.64
2001	5	23	10	167.38	46.63	27.86	0.22	0.13	46.84	27.99
2001	6	30	8	59.93	12.53	20.90	0.01	0.02	12.54	20.92
2001	7	31	5	17.03	7.47	43.87	0.00	0.00	7.47	43.87
2001	8	31	15	43.86	34.63	78.97	0.00	0.00	34.63	78.97
2001	9	12	3	9.32	5.17	55.48	0.00	0.00	5.17	55.48

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
2001	10	0	0	12.35	0.00	0.00	0.00	0.00	0.00	0.00
2001	11	0	0	50.15	0.00	0.00	0.00	0.00	0.00	0.00
2001	12	0	0	49.33	0.00	0.00	0.00	0.00	0.00	0.00
2002	1	0	0	30.15	0.00	0.00	0.00	0.00	0.00	0.00
2002	2	0	0	35.57	0.00	0.00	0.00	0.00	0.00	0.00
2002	3	0	0	93.61	0.00	0.00	0.00	0.00	0.00	0.00
2002	4	0	0	122.90	0.00	0.00	0.00	0.00	0.00	0.00
2002	5	31	21	200.08	60.65	30.32	5.04	2.52	65.70	32.84
2002	6	30	10	87.44	45.77	52.34	3.75	4.29	49.52	56.63
2002	7	2	0	14.81	0.00	0.00	0.00	0.00	0.00	0.00
2002	8	0	0	17.05	0.00	0.00	0.00	0.00	0.00	0.00
2002	9	0	0	13.57	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
2002	10	0	0	17.03	0.00	0.00	0.00	0.00	0.00	0.00
2002	11	0	0	38.76	0.00	0.00	0.00	0.00	0.00	0.00
2002	12	0	0	10.60	0.00	0.00	0.00	0.00	0.00	0.00
2003	1	0	0	54.92	0.00	0.00	0.00	0.00	0.00	0.00
2003	2	0	0	63.06	0.00	0.00	0.00	0.00	0.00	0.00
2003	3	0	0	38.48	0.00	0.00	0.00	0.00	0.00	0.00
2003	4	0	0	78.67	0.00	0.00	0.00	0.00	0.00	0.00
2003	5	21	7	106.26	7.89	7.43	0.22	0.20	8.11	7.63
2003	6	0	0	19.26	0.00	0.00	0.44	2.28	0.44	2.28
2003	7	0	0	19.79	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	2.22	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
2003	10	0	0	50.50	0.00	0.00	0.00	0.00	0.00	0.00
2003	11	0	0	40.51	0.00	0.00	0.00	0.00	0.00	0.00
2003	12	0	0	32.43	0.00	0.00	0.00	0.00	0.00	0.00
2004	1	0	0	53.13	0.00	0.00	0.00	0.00	0.00	0.00
2004	2	0	0	20.23	0.00	0.00	0.00	0.00	0.00	0.00
2004	3	0	0	113.64	0.00	0.00	0.00	0.00	0.00	0.00
2004	4	0	0	110.75	0.00	0.00	0.00	0.00	0.00	0.00
2004	5	23	18	223.73	82.47	36.86	0.52	0.23	82.98	37.09
2004	6	30	11	89.16	32.37	36.30	5.99	6.72	38.36	43.03
2004	7	31	18	69.74	47.85	68.62	0.03	0.05	47.88	68.67
2004	8	31	0	0.01	0.00	0.00	0.01	82.33	0.01	82.33
2004	9	12	0	0.19	0.00	0.00	0.00	0.00	0.00	0.00

Year	Mon	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
2004	10	0	0	13.08	0.00	0.00	0.00	0.00	0.00	0.00
2004	11	0	0	54.77	0.00	0.00	0.00	0.00	0.00	0.00
2004	12	0	0	67.10	0.00	0.00	0.00	0.00	0.00	0.00
2005	1	0	0	51.16	0.00	0.00	0.00	0.00	0.00	0.00
2005	2	0	0	93.30	0.00	0.00	0.00	0.00	0.00	0.00
2005	3	0	0	0.41	0.00	0.00	0.00	0.00	0.00	0.00
2005	4	0	0	70.41	0.00	0.00	0.00	0.00	0.00	0.00
2005	5	11	0	70.78	0.00	0.00	0.34	0.48	0.34	0.48
2005	6	0	0	6.84	0.00	0.00	0.11	1.63	0.11	1.63
2005	7	0	0	25.51	0.00	0.00	0.00	0.00	0.00	0.00
2005	8	0	0	8.43	0.00	0.00	0.00	0.00	0.00	0.00
2005	9	0	0	16.12	0.00	0.00	0.00	0.00	0.00	0.00

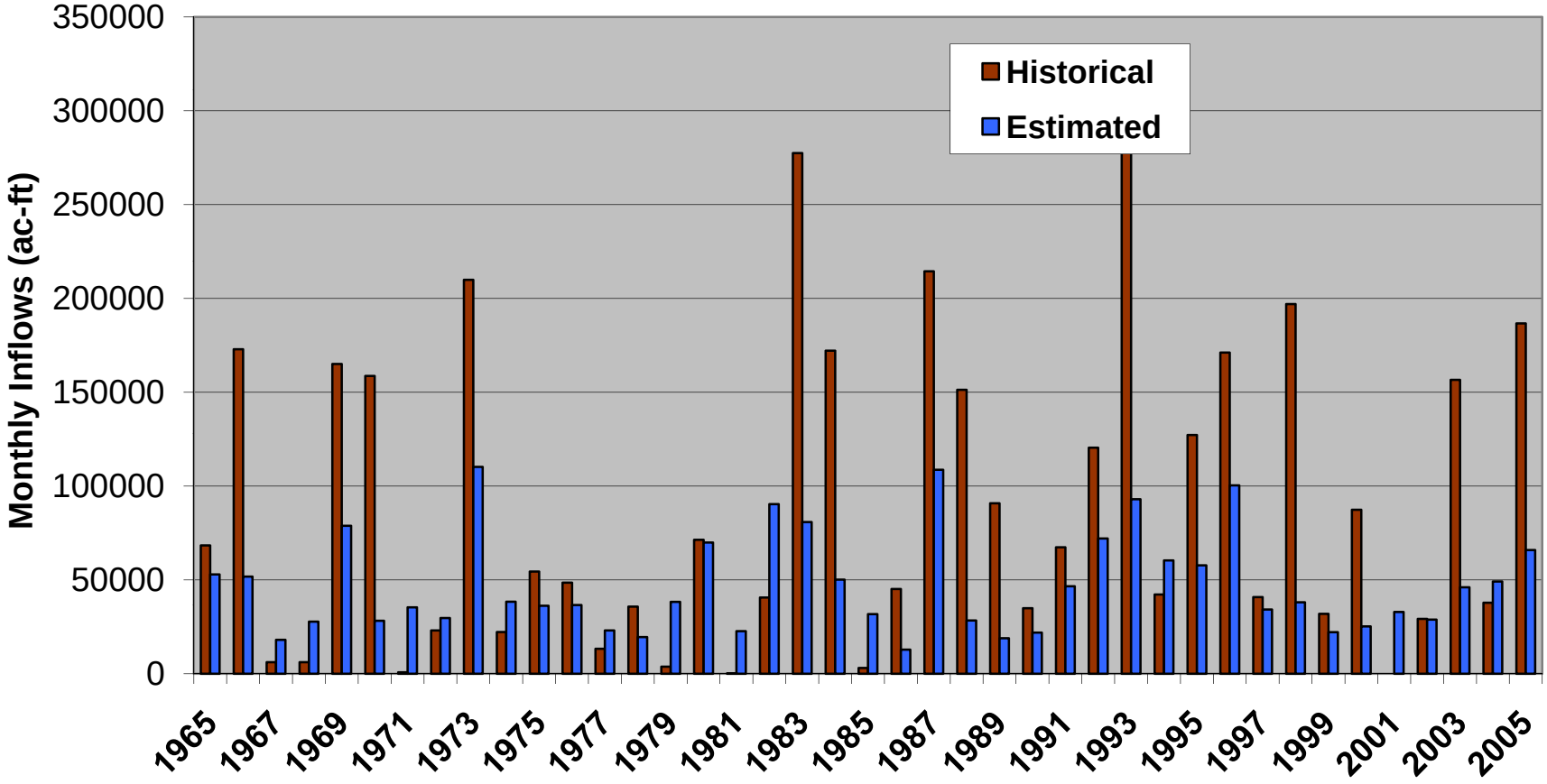
Annual Supply Side Management Results
for the Lake Okeechobee Service Area
Report by Water Years Oct-Sep
(Volumes in 1000 ac-ft)

Run:
SFWMM v6.5.0 - May 2011 POSITION ANALYSIS Run LOK=10.93 EAA=0.03 CA1 SL = 1.0 CA

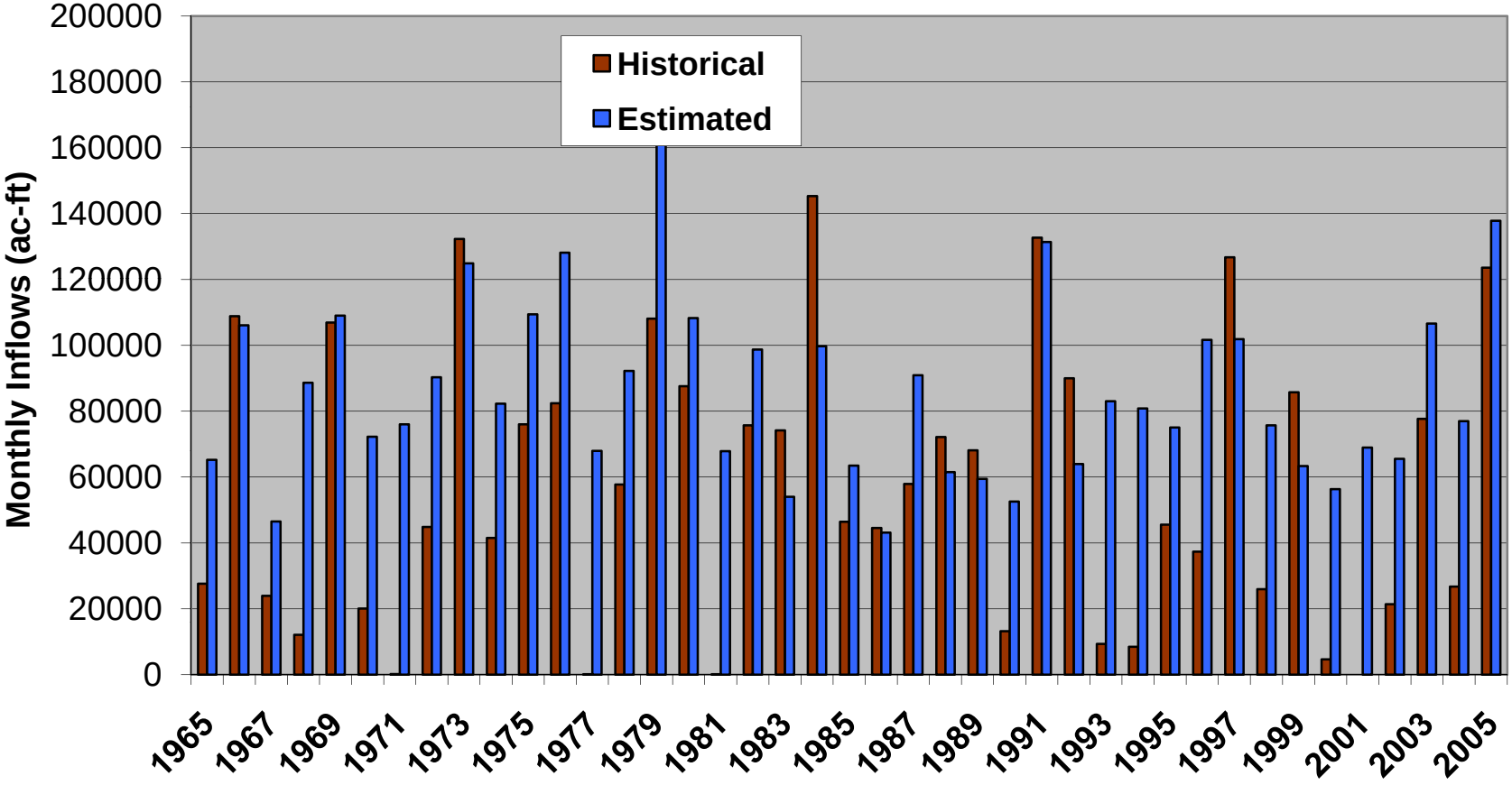
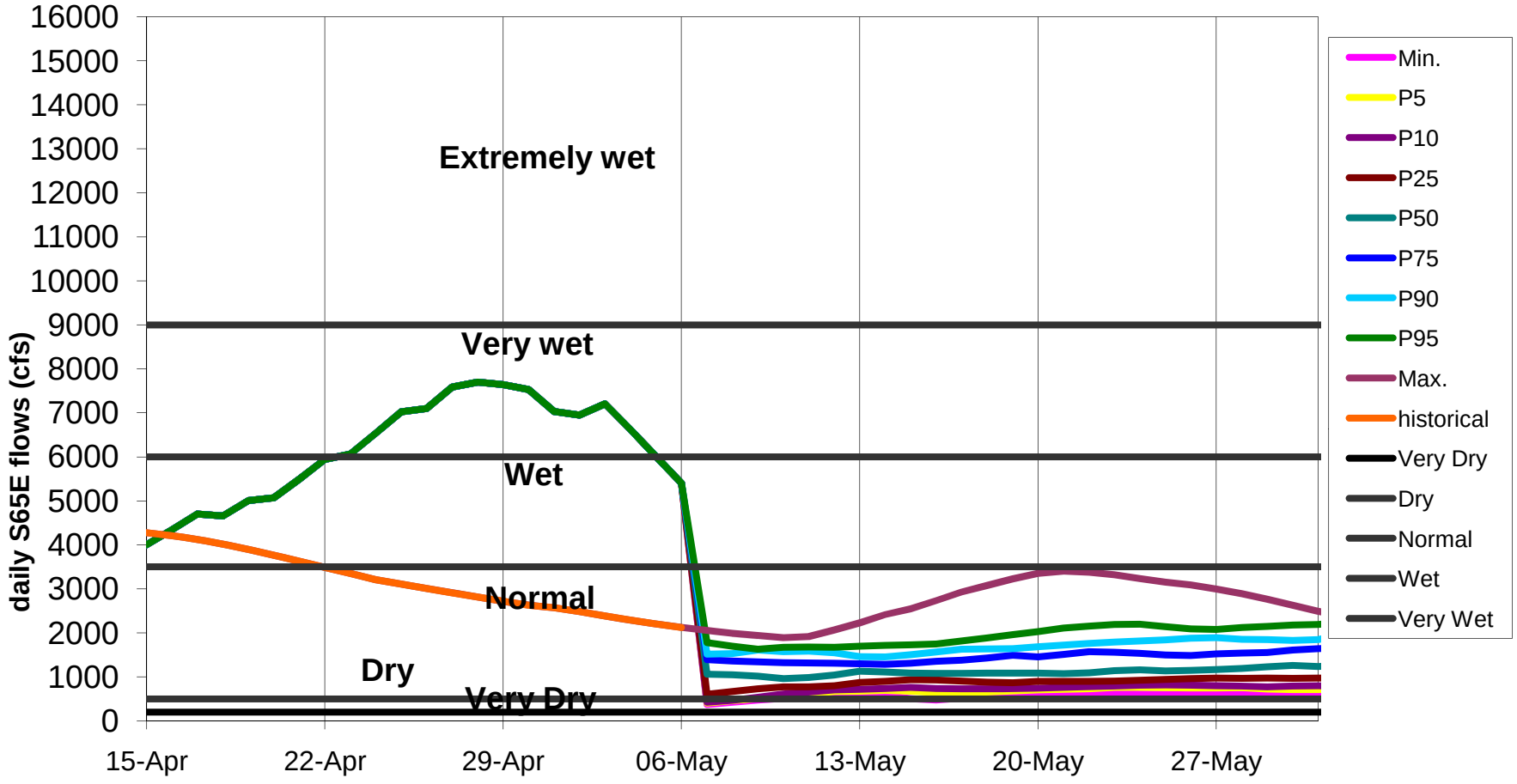
Note: SSM stands for Supply Side Management
SSMwC.B. stands for Supply Side Management with cutback

Wat_Year	# Days SSM	# Days SSMwC.B.	Supplem. Volume	SSM Cutback Volume	% SSM Cutback	Convey. Cutback Volume	% Cutback Convey.	Total Cutback	% Total Cutback
1966	51	3	363.14	3.04	0.84	0.01	0.00	3.05	0.84
1967	153	53	872.49	131.59	15.08	12.25	1.40	143.84	16.49
1968	224	86	585.02	135.91	23.23	2.26	0.39	138.16	23.62
1969	68	8	394.39	16.72	4.24	0.51	0.13	17.23	4.37
1970	128	33	397.71	80.40	20.22	7.66	1.93	88.06	22.14
1971	345	181	928.83	372.78	40.13	0.68	0.07	373.45	40.21
1972	127	53	563.54	87.25	15.48	2.16	0.38	89.41	15.87
1973	354	89	568.00	122.93	21.64	1.44	0.25	124.37	21.90
1974	190	90	750.69	141.75	18.88	1.79	0.24	143.55	19.12
1975	99	7	607.91	6.97	1.15	0.38	0.06	7.35	1.21
1976	221	97	612.99	133.37	21.76	1.10	0.18	134.47	21.94
1977	146	41	657.93	62.46	9.49	0.39	0.06	62.85	9.55
1978	106	16	389.08	28.73	7.38	0.71	0.18	29.44	7.57
1979	97	25	562.15	48.72	8.67	5.39	0.96	54.11	9.63
1980	149	46	529.99	122.32	23.08	3.30	0.62	125.62	23.70
1981	365	199	1031.12	508.76	49.34	6.44	0.63	515.21	49.97
1982	239	131	678.65	253.34	37.33	1.48	0.22	254.82	37.55
1983	148	54	546.99	142.54	26.06	9.14	1.67	151.69	27.73
1984	199	31	438.01	43.15	9.85	1.19	0.27	44.34	10.12
1985	365	125	853.99	245.40	28.74	11.00	1.29	256.39	30.02
1986	279	48	512.36	78.54	15.33	3.02	0.59	81.56	15.92
1987	170	83	696.00	196.10	28.17	5.29	0.76	201.38	28.93
1988	202	46	572.82	84.41	14.74	0.06	0.01	84.47	14.75
1989	358	185	1032.73	417.65	40.44	8.38	0.81	426.02	41.25
1990	365	129	662.45	187.47	28.30	4.67	0.70	192.13	29.00
1991	127	50	453.87	56.43	12.43	0.23	0.05	56.66	12.48
1992	55	25	525.27	101.13	19.25	5.15	0.98	106.29	20.23
1993	153	81	663.69	206.01	31.04	2.81	0.42	208.82	31.46
1994	233	31	420.37	26.61	6.33	0.29	0.07	26.90	6.40
1995	91	8	342.73	21.84	6.37	1.61	0.47	23.46	6.84
1996	79	21	478.08	20.38	4.26	0.56	0.12	20.94	4.38
1997	289	86	527.74	88.06	16.69	2.30	0.44	90.37	17.12
1998	153	75	679.35	245.22	36.10	4.55	0.67	249.78	36.77
1999	140	53	620.37	81.73	13.17	0.37	0.06	82.10	13.23
2000	153	80	933.21	276.70	29.65	5.67	0.61	282.38	30.26
2001	339	221	1059.99	546.55	51.56	2.29	0.22	548.84	51.78
2002	63	31	727.02	106.42	14.64	8.79	1.21	115.21	15.85
2003	21	7	449.06	7.89	1.76	0.66	0.15	8.55	1.90
2004	127	47	804.02	162.69	20.23	6.55	0.82	169.24	21.05
2005	11	0	477.90	0.00	0.00	0.45	0.09	0.45	0.09

May, 2011 Position Analysis 2005
Historical and estimated S65E monthly flow
for May from 1965 - 2005



May 2011 Position Analysis 2005
Historical and estimated S65E monthly flow
for June from 1965 - 2005



Position Analysis for May 1, 2011
Daily percentiles for S65E, 14 days moving average of flow
For previous and current month based on the period 1965 - 2000
- Tributary hydrologic conditions zones for WSE operations are illustrated