KISSIMMEE BASIN MODELING AND OPERATIONS STUDY - KBMOS

PERFORMANCE MEASURE EVALUATION TOOL REPORT

ALTERNATIVE DESCRIPTION

GLDTH21_HWrapper

GLDTH21

Prepared for:

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Earth Tech Project No. 100819
Mar-09

Evaluation Performance Measure Tool

Summary of Results per PM

Alternative Description: GLDTH21_HWrapper

No	PM	Description	PM Score	Location/PM Weight	Weighted Score	Symbology	Objective Weight
1	L01	Stages in Lakes Kissimmee, Hatchineha and Cypress	35%	0.30	10.5%	⊙	0.5
2	L02	Stages in Lake Tohopekaliga	66%	0.20	13.2%	◒	
3	L03	Stages in Lake Gentry	35%	0.06	2.1%	⊙	
4	L04	Stages in Lakes Joel, Myrtle, and Preston	43%	0.06	2.6%	⊙	
5	L05	Stages in East Lake Toho, Fell's Cove, and Lake Ajay	69%	0.14	9.7%	◒	
6	L06	Stages in Lakes Alligator, Brick, Lizzie, Coon, Center & Trout	26%	0.14	3.7%	⊙	
7	L07	Stages in Lake Hart and Mary Jane	63%	0.10	6.3%	◒	
8	R01	Kissimmee River Flow	56%	0.40	22.3%	◒	0.5
9	R02	Kissimmee River Stage Hydrograph / Floodplain Hydroperiod	38%	0.40	15.1%	⊙	
10	R03	Kissimmee River Stage Recession / Ascension in FT Kiss	75%	0.20	15.1%	●	
				Final Score for this Alternative	50%	◒	

Legend:

- ■ >=0% and <=25%
- ⊙ >25% and <=50%
- ◒ >50% and <=75%
- ● >75% and <=100%

Evaluation Performance Measure Score for S-65

L-01. Stages in Lakes Kissimmee, Hatchineha, and Cypress

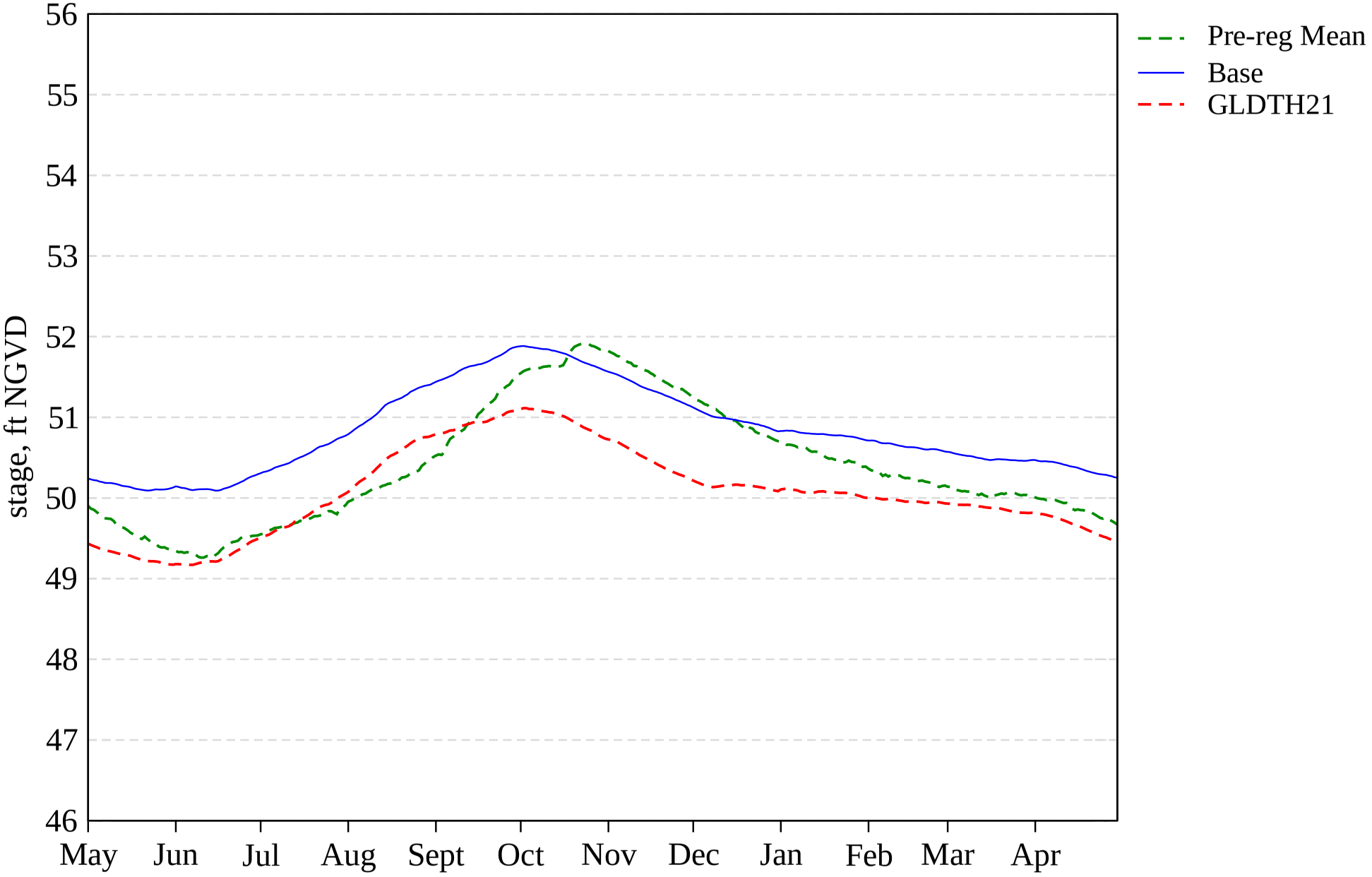
Alternative Description : GLDTH21_HWrapper

Run ID : GLDTH21

Evaluation Component	Target	Base	Calculated Component Value	Utility Value	Component Weight	Component Score
A. Percent of years that Extreme High stages occur for 30 or more consecutive days during September 1st – January 31st.	30.0	52.5	0.0	0.00	20	0.00
B. Percent of years that Normal High stages occur for 90 or more consecutive days during September 1st – January 31st.	70.0	20.0	7.5	0.06	5	0.00
C. Percent of years that Spring High stages occur for 100 or more days during January 1st – June 30th.	10.0	24.4	12.2	1.00	5	0.05
D. Percent of years that Wet Low stages occur for 40 or more days during April 1st – June 30th.	50.0	43.9	22.0	0.37	10	0.04
E. Percent of years that Normal Low stages occur for 40 or more consecutive days during April 1st – June 30th.	40.0	46.3	48.8	0.73	5	0.04
F. Percent of years that Extreme Low stages occur for 60 or more consecutive days during February 1st – June 30th.	10.0	17.1	34.1	0.17	12	0.02
G. Percent of years with a stage recession event from August 1 – July 31st with an overall recession rate ≤ 1 ft/30 days.	90.0	67.5	70.0	0.44	6.5	0.03
H. Percent of years with a stage recession event from February 1st – May 31st with an overall recession rate ≤ 0.5 feet/30 days	90.0	53.7	75.6	0.72	6.5	0.05
I. Percent of years with stage reversals greater than 0.5 feet during December 1st – May 31st.	10.0	75.6	63.4	0.21	9	0.02
J. Percent of years with a stage ascension event during May 1st – September 30th with an overall ascension rate ≤ 1.0 feet/30 days.	90.0	61.0	43.9	0.28	14	0.04
K. Mean Intra-annual Lake Stage Variation (feet).	5.0	3.5	3.6	0.71	0	0.00
L. Maximum Inter-annual Lake stage Amplitude (feet).	8.0	7.3	7.1	1.00	7	0.07
					PM Score	**0.35**
					Location Weight	**30**

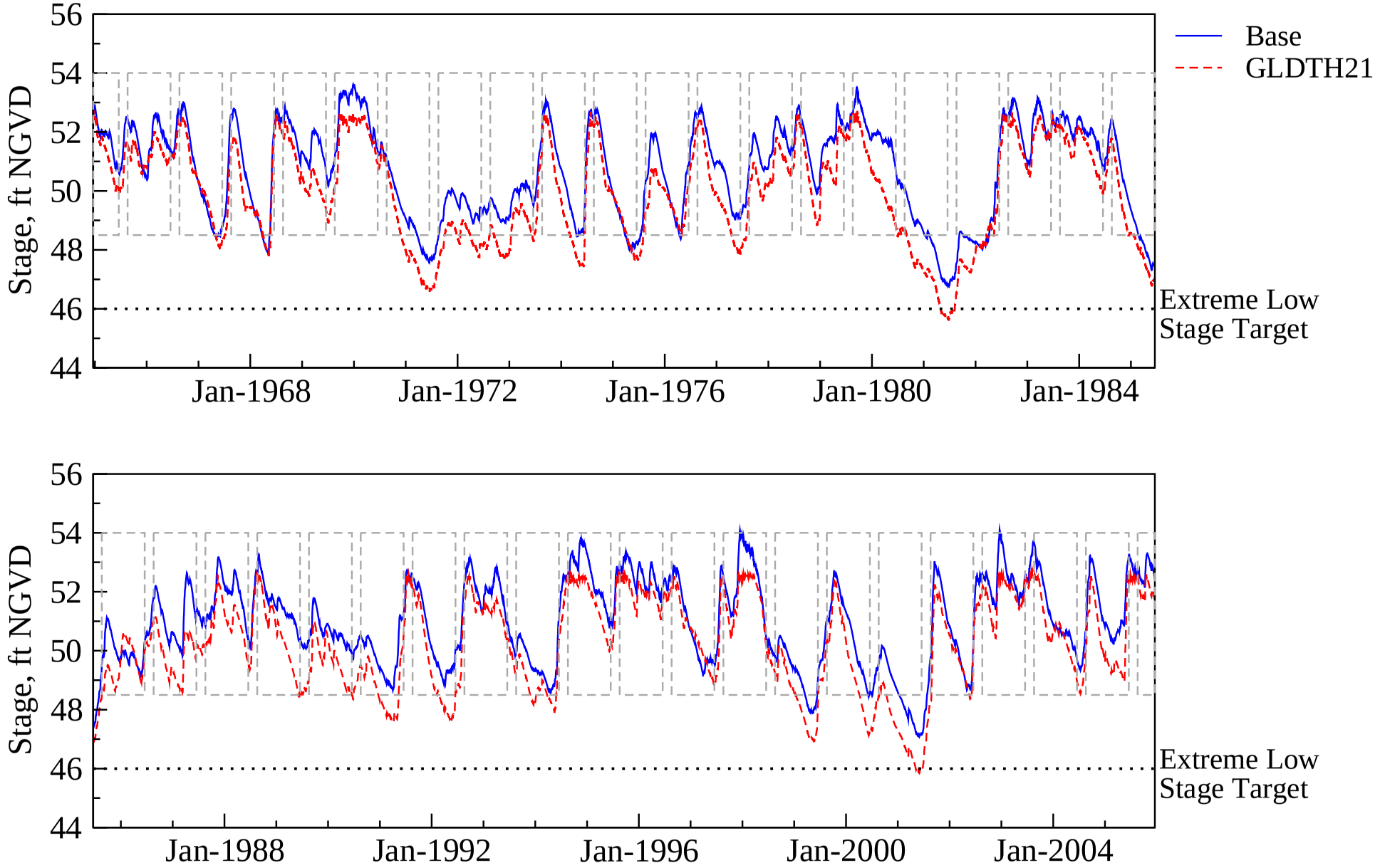
L-01. Stages in Lakes Kissimmee, Hatchineha, and Cypress

Stage Hydrograph of mean daily stages



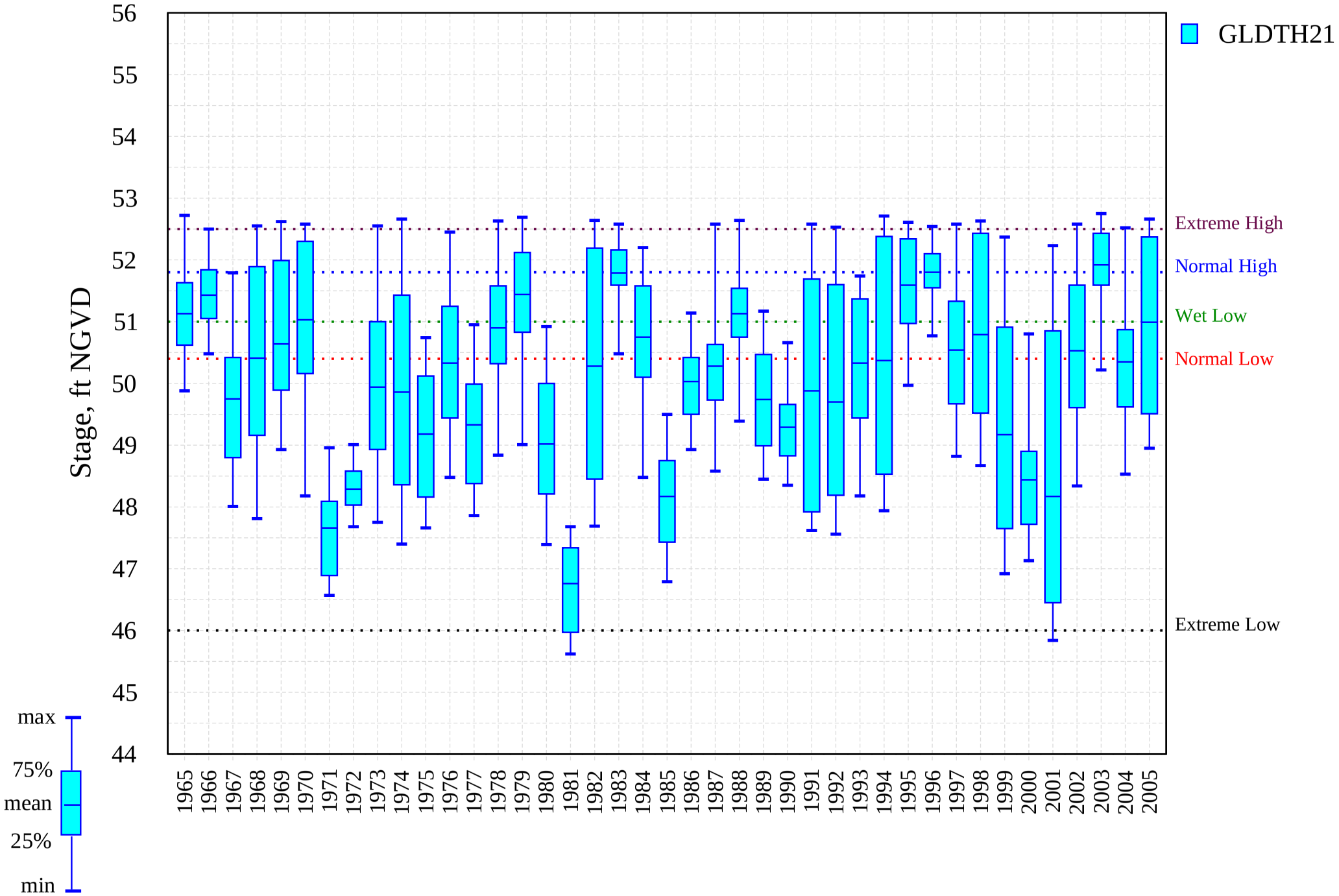
L-01. Stages in Lakes Kissimmee, Hatchineha,and Cypress

Daily Stage Hydrograph with Water Level recession windows (Sept-June)



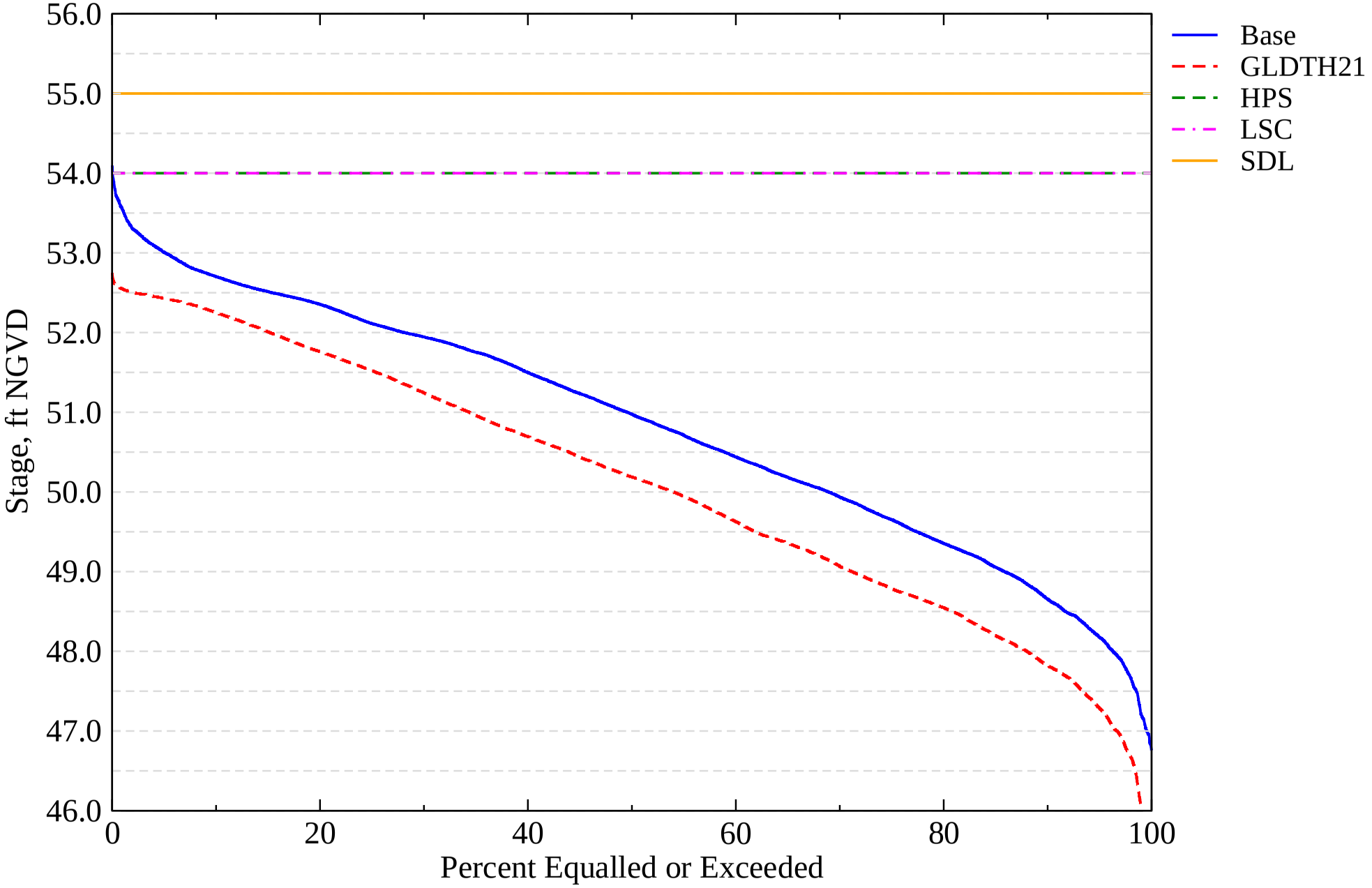
L-01. Stages in Lakes Kissimmee, Hatchineha, and Cypress

Intra-annual lake stage variation (calendar year based)



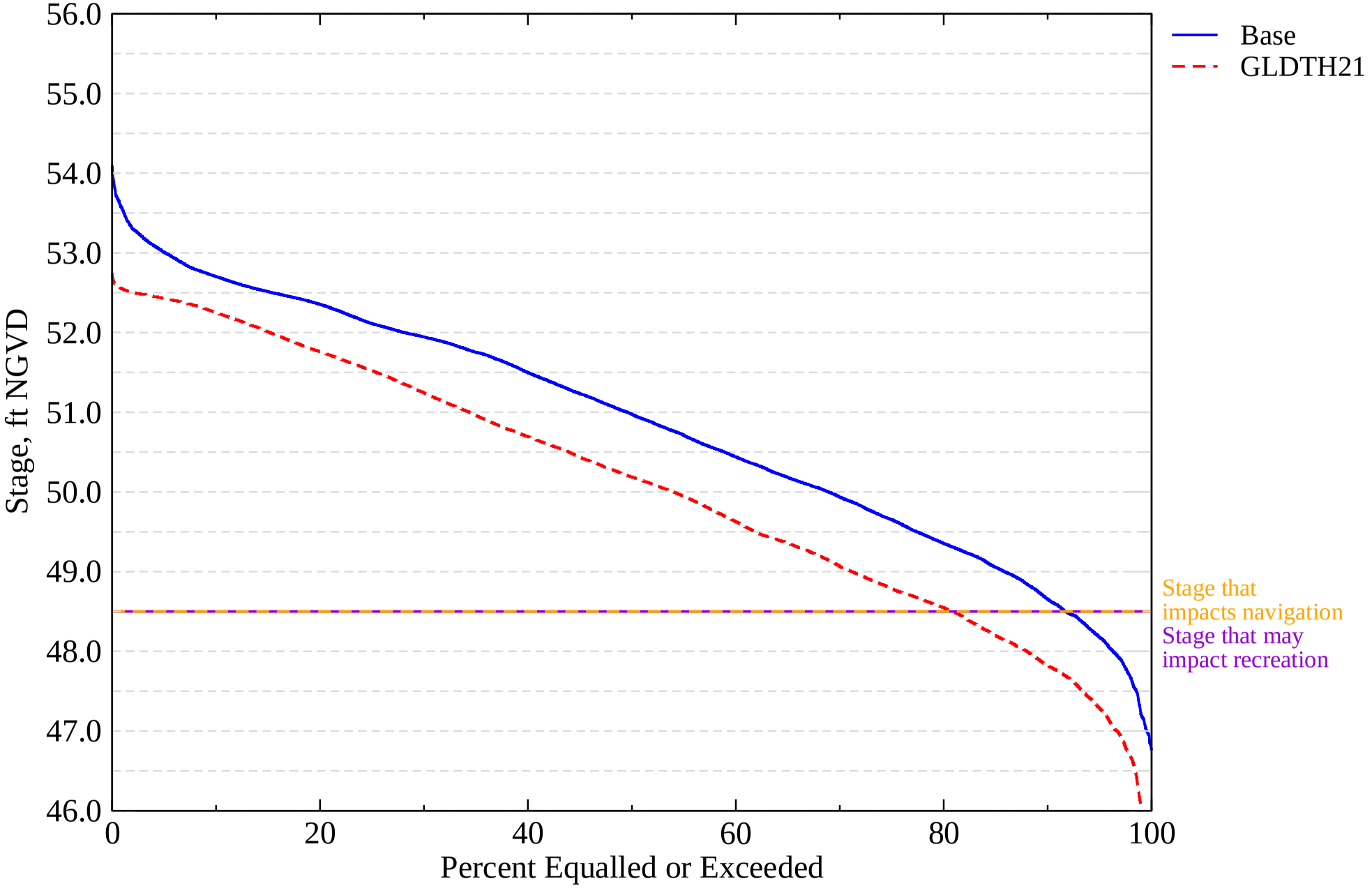
I-01. Probable High Lake Stage Performance Indicator

Lakes Kissimmee, Hatchineha, and Cypress (S65)



I-06. Stage Duration for Navigation and Recreation

Lakes Kissimmee, Hatchineha, and Cypress (S65)



Evaluation Performance Measure Score for S-61

L-02. Stages in Lake Tohopekaliga

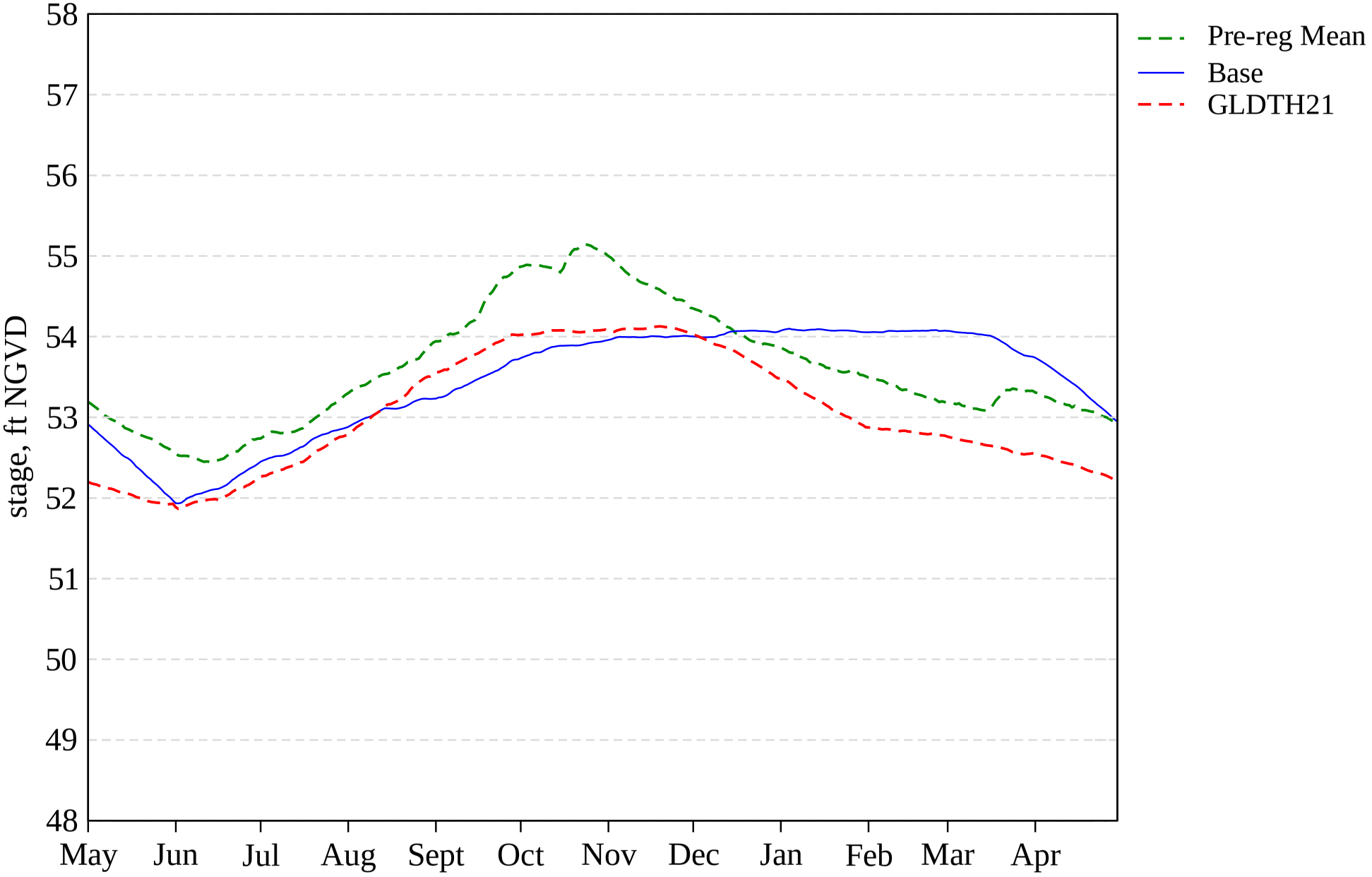
Alternative Description : GLDTH21_HWrapper

Run ID : GLDTH21

Evaluation Component	Target	Base	Calculated Component Value	Utility Value	Component Weight	Component Score
A. Percent of years that Extreme High stages occur for 30 or more consecutive days during September 1st – January 31st.	30.0	37.5	60.0	0.31	12	0.04
B. Percent of years that Normal High stages occur for 90 or more consecutive days during September 1st – January 31st.	70.0	37.5	42.5	0.36	5	0.02
C. Percent of years that Spring High stages occur for 100 or more days during January 1st – June 30th.	10.0	2.4	7.3	1.00	5	0.05
D. Percent of years that Wet Low stages occur for 40 or more days during April 1st – June 30th.	50.0	12.2	41.5	0.87	10	0.09
E. Percent of years that Normal Low stages occur for 40 or more consecutive days during April 1st – June 30th.	40.0	92.7	53.7	0.44	5	0.02
F. Percent of years that Extreme Low stages occur for 60 or more consecutive days during February 1st – June 30th.	10.0	0.0	12.2	1.00	20	0.20
G. Percent of years with a stage recession event from August 1 – July 31st with an overall recession rate ≤ 1 ft/30 days.	90.0	72.5	82.5	1.00	6.5	0.07
H. Percent of years with a stage recession event from February 1st – May 31st with an overall recession rate ≤ 0.5 feet/30 days	90.0	26.8	65.9	0.41	6.5	0.03
I. Percent of years with stage reversals greater than 0.5 feet during December 1st – May 31st.	10.0	68.3	65.9	0.19	9	0.02
J. Percent of years with a stage ascension event during May 1st – September 30th with an overall ascension rate ≤ 1.0 feet/30 days.	90.0	78.0	70.7	0.48	14	0.07
K. Mean Intra-annual Lake Stage Variation (feet).	4.5	3.1	3.2	0.68	0	0.00
L. Maximum Inter-annual Lake stage Amplitude (feet).	6.5	7.1	9.4	1.00	7	0.07
					PM Score	**0.66**
					Location Weight	**20**

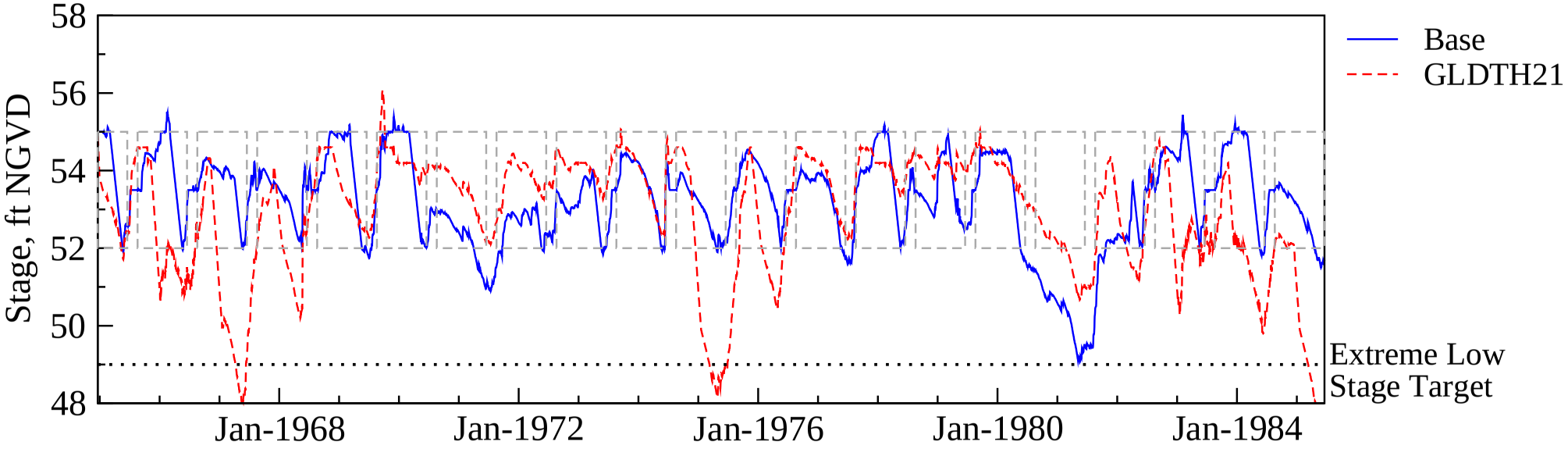
L-02. Stages in Lake Tohopekaliga

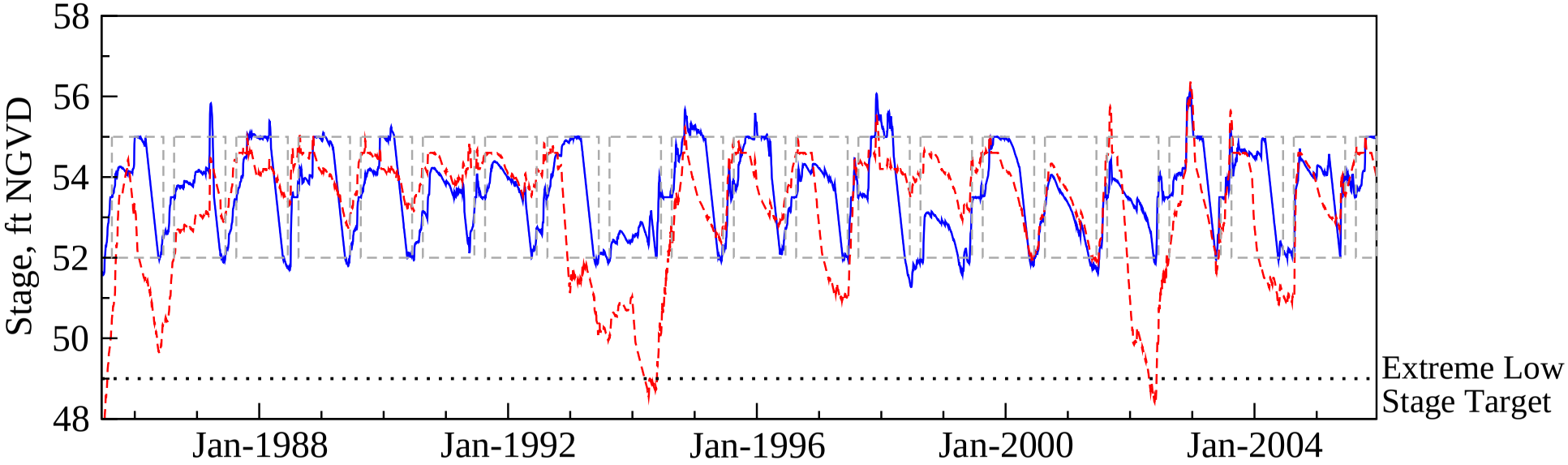
Stage Hydrograph of mean daily stages



L-02. Stages in Lake Tohopekaliga

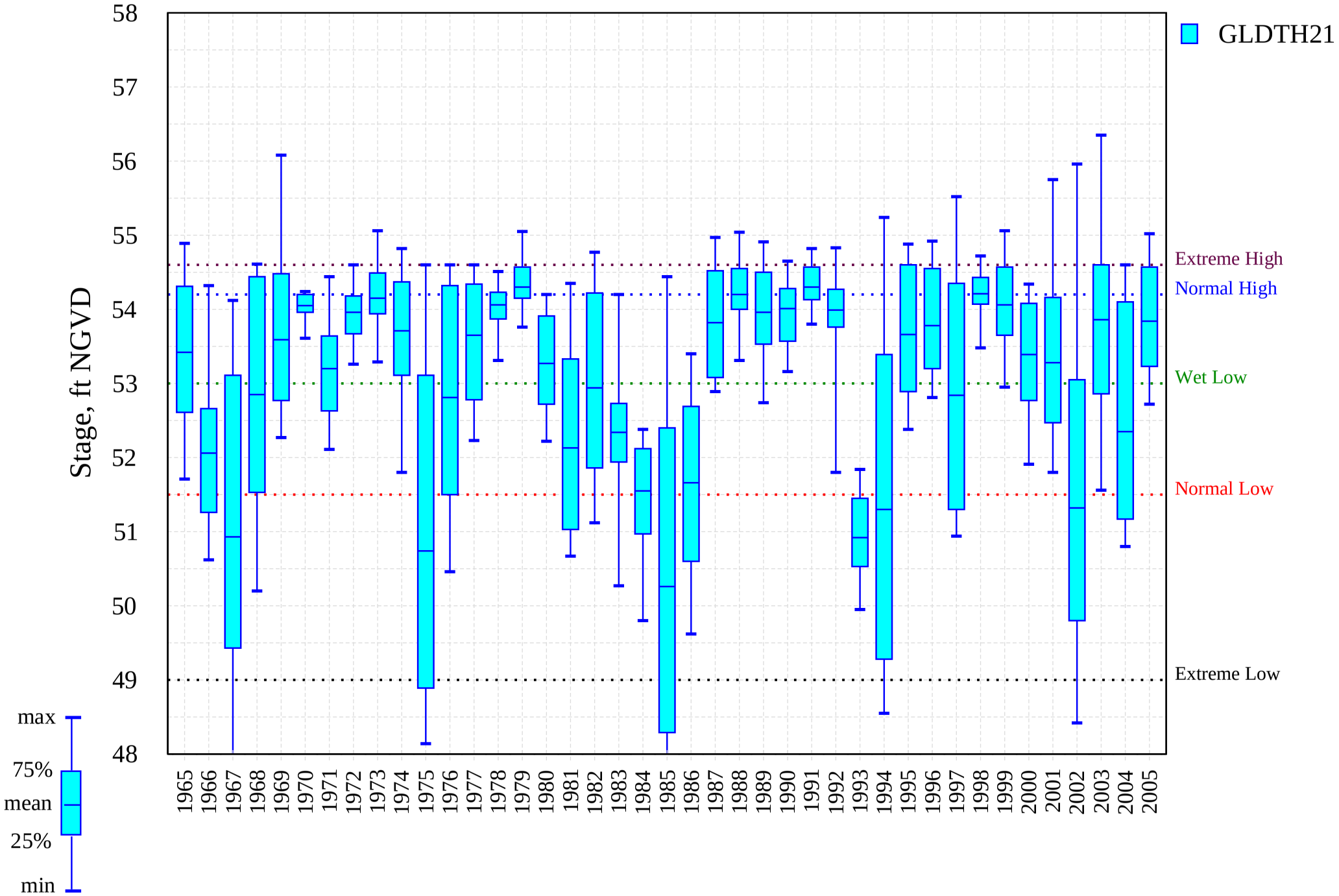
Daily Stage Hydrograph with Water Level recession windows (Sept-June)





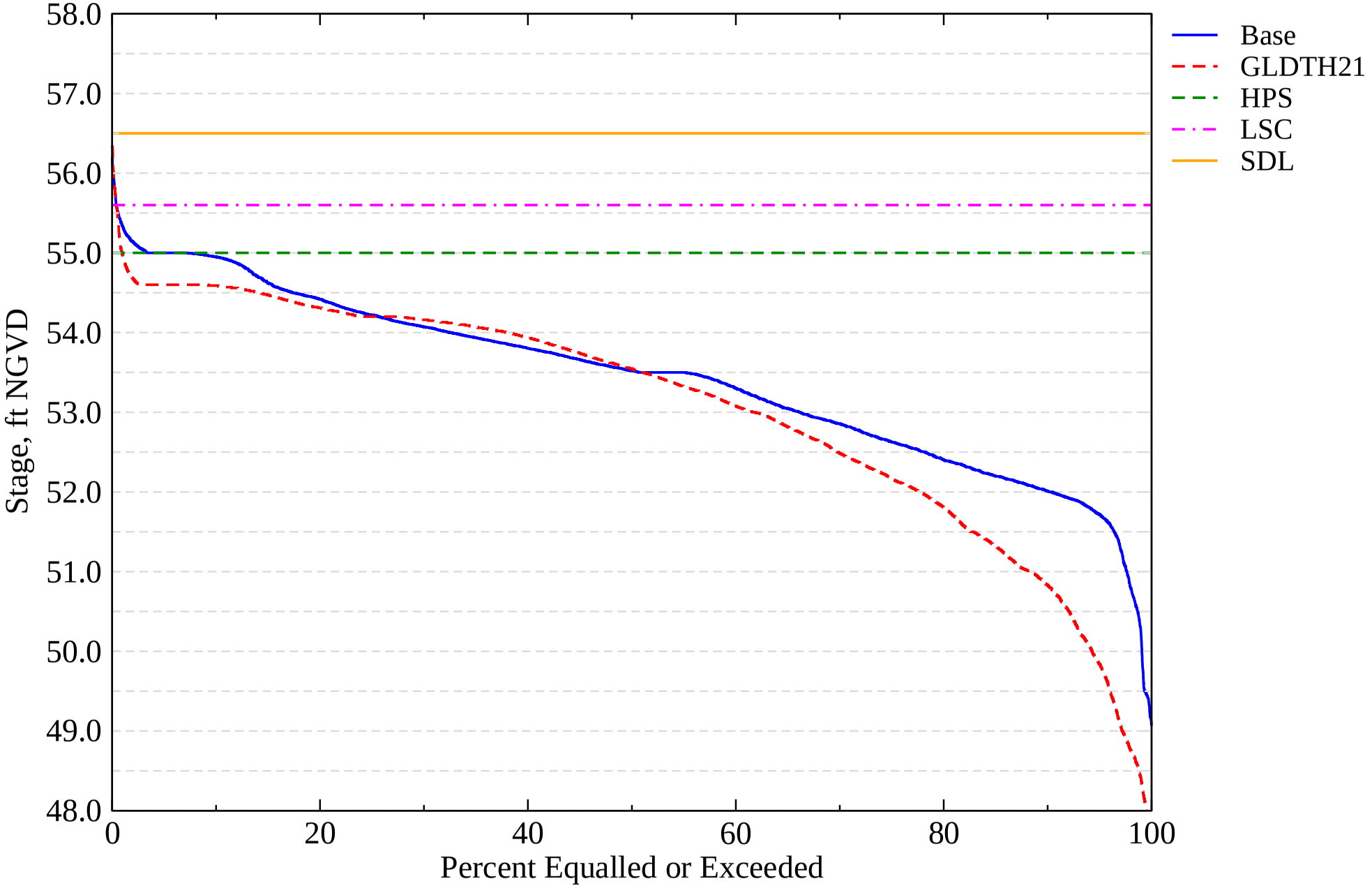
L-02. Stages in Lake Tohopekaliga

Intra-annual lake stage variation (calendar year based)



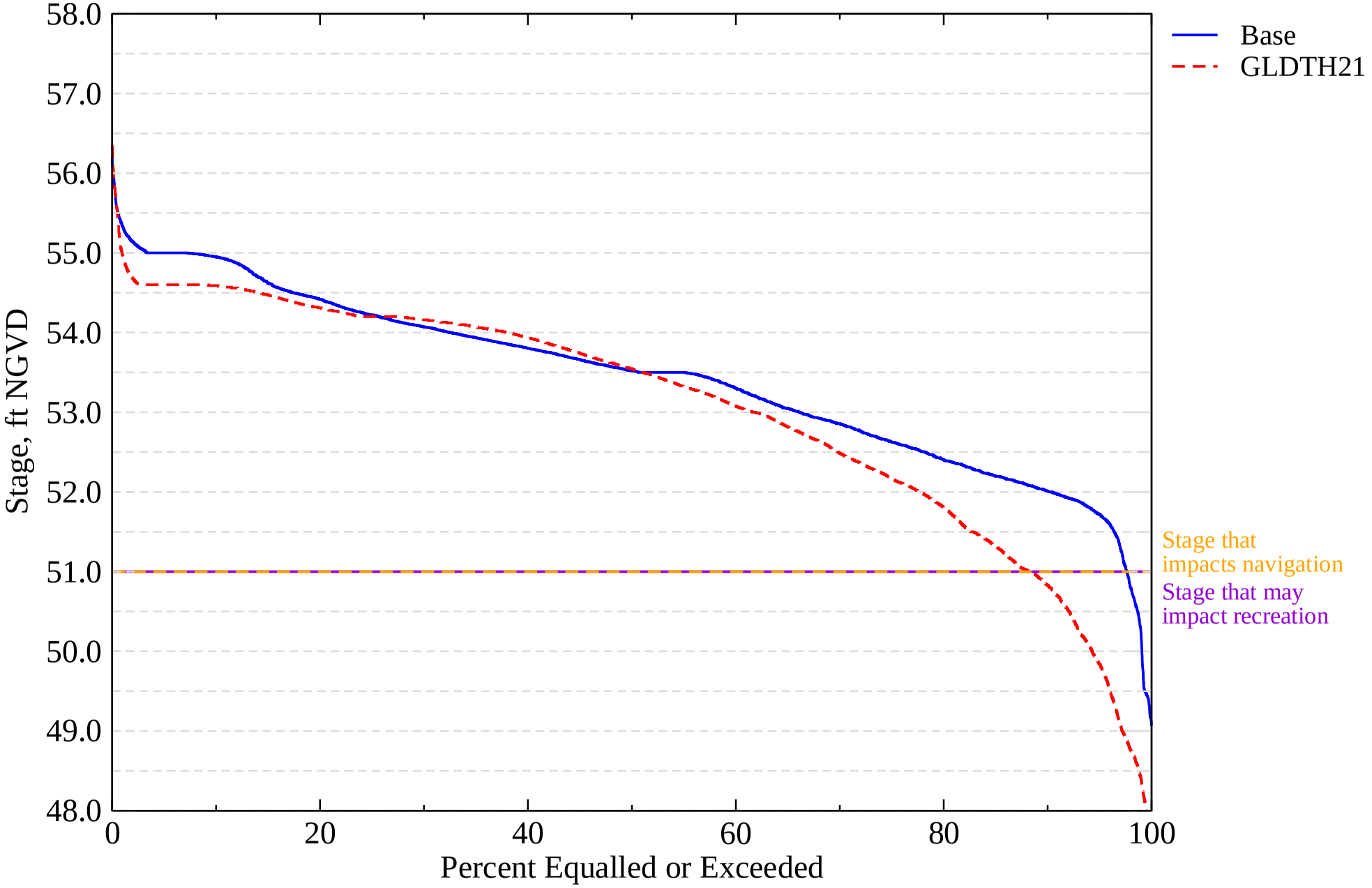
I-01. Probable High Lake Stage Performance Indicator

Lake Tohopekaliga (S61)



I-06. Stage Duration for Navigation and Recreation

Lake Tohopekaliga (S61)



Evaluation Performance Measure Score for S-63

L-03. Stages in Lake Gentry

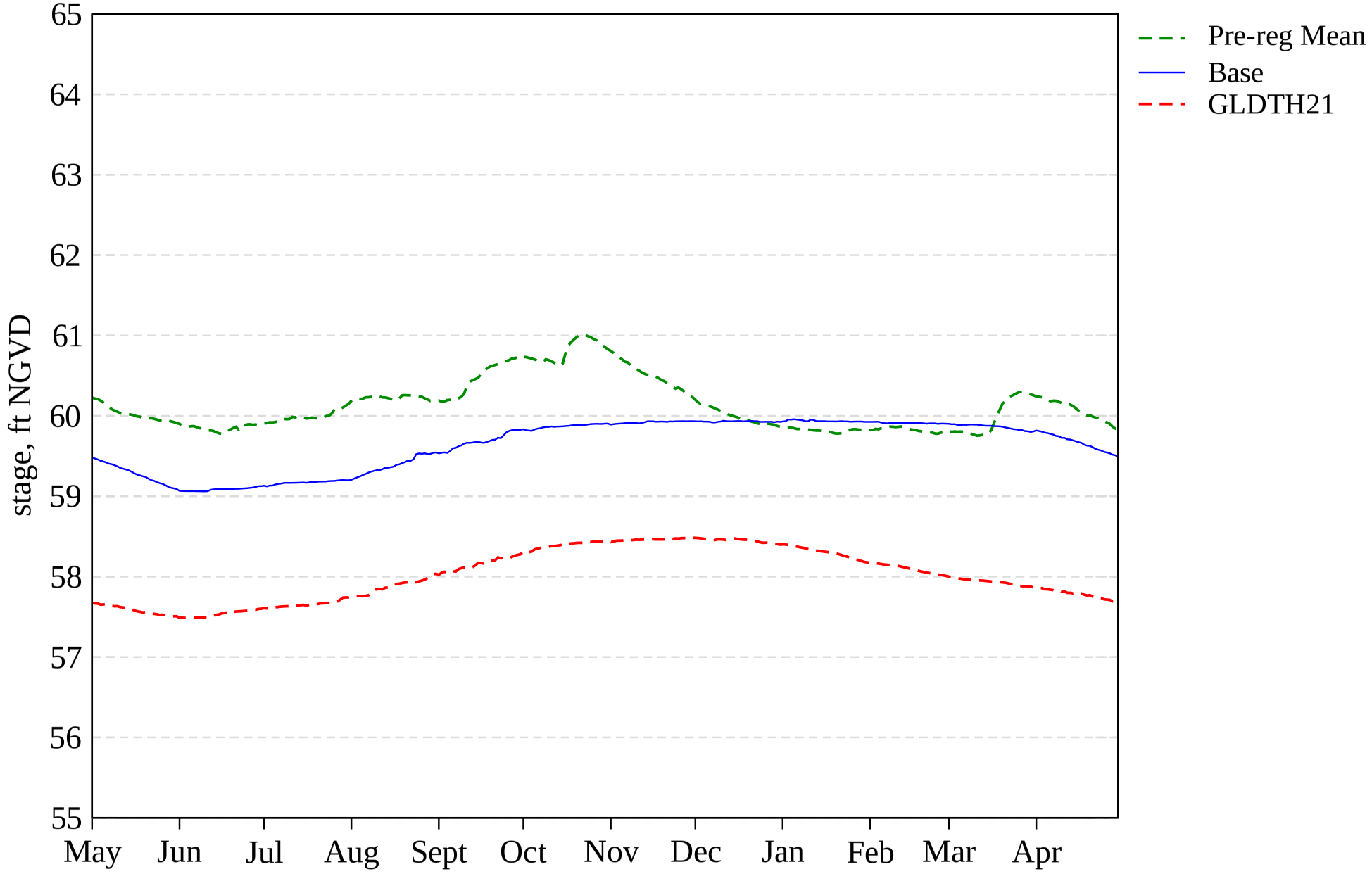
Alternative Description : GLDTH21_HWrapper

Run ID : GLDTH21

Evaluation Component	Target	Base	Calculated Component Value	Utility Value	Component Weight	Component Score
A. Percent of years that Extreme High stages occur for 30 or more consecutive days during September 1st – January 31st.	30.0	7.5	5.0	0.10	12	0.01
B. Percent of years that Normal High stages occur for 90 or more consecutive days during September 1st – January 31st.	70.0	2.5	0.0	0.00	5	0.00
C. Percent of years that Spring High stages occur for 100 or more days during January 1st – June 30th.	10.0	0.0	0.0	0.00	5	0.00
D. Percent of years that Wet Low stages occur for 40 or more days during April 1st – June 30th.	50.0	0.0	0.0	0.00	10	0.00
E. Percent of years that Normal Low stages occur for 40 or more consecutive days during April 1st – June 30th.	40.0	100.0	43.9	1.00	5	0.05
F. Percent of years that Extreme Low stages occur for 60 or more consecutive days during February 1st – June 30th.	10.0	0.0	56.1	0.11	20	0.02
G. Percent of years with a stage recession event from August 1 – July 31st with an overall recession rate ≤ 1 ft/30 days.	90.0	72.5	62.5	0.40	6.5	0.03
H. Percent of years with a stage recession event from February 1st – May 31st with an overall recession rate ≤ 0.5 feet/30 days	90.0	63.4	78.0	0.86	6.5	0.06
I. Percent of years with stage reversals greater than 0.5 feet during December 1st – May 31st.	10.0	29.3	51.2	0.27	9	0.02
J. Percent of years with a stage ascension event during May 1st – September 30th with an overall ascension rate ≤ 1.0 feet/30 days.	90.0	65.9	73.2	0.62	14	0.09
K. Mean Intra-annual Lake Stage Variation (feet).	2.8	1.6	1.8	0.18	0	0.00
L. Maximum Inter-annual Lake stage Amplitude (feet).	5.5	5.7	6.5	1.00	7	0.07
					PM Score	**0.35**
					Location Weight	**6**

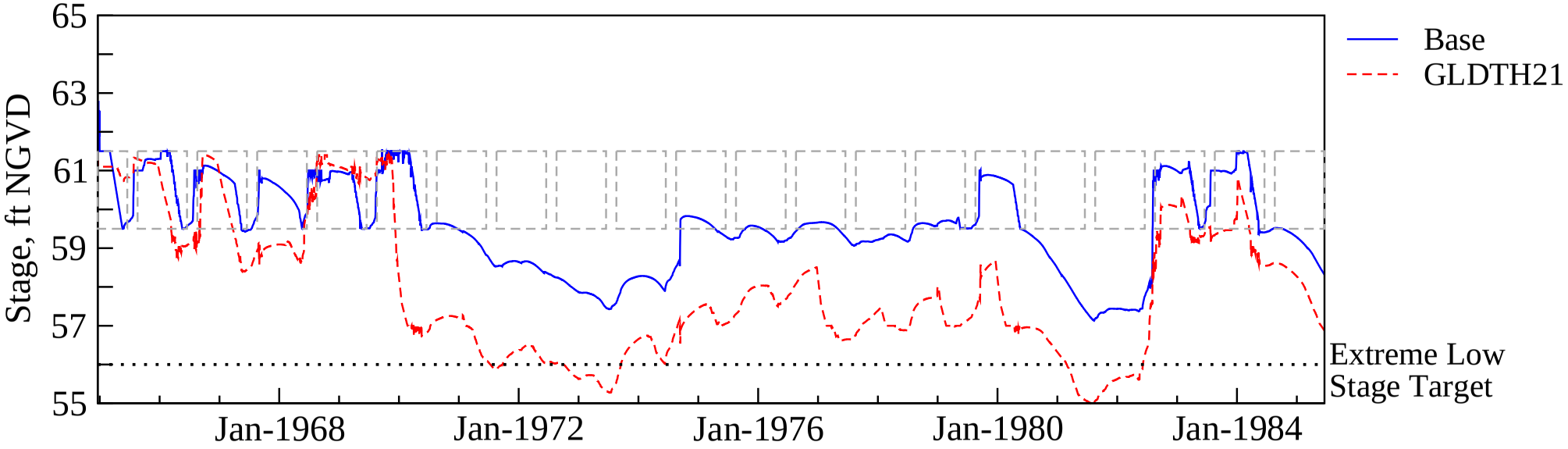
L-03. Stages in Lake Gentry

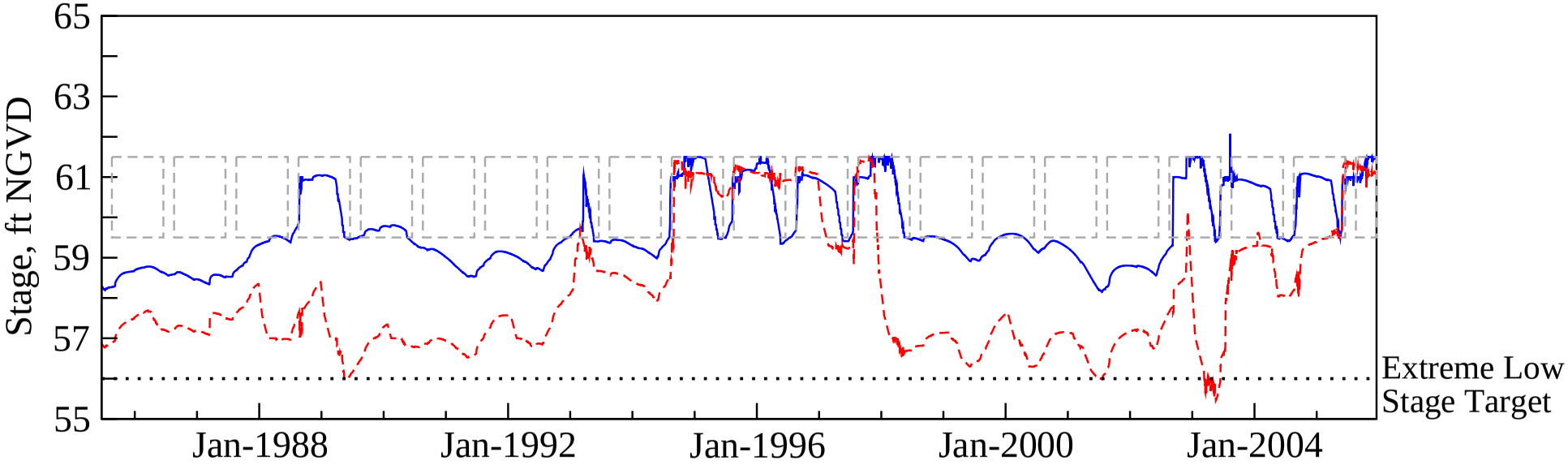
Stage Hydrograph of mean daily stages



L-03. Stages in Lake Gentry

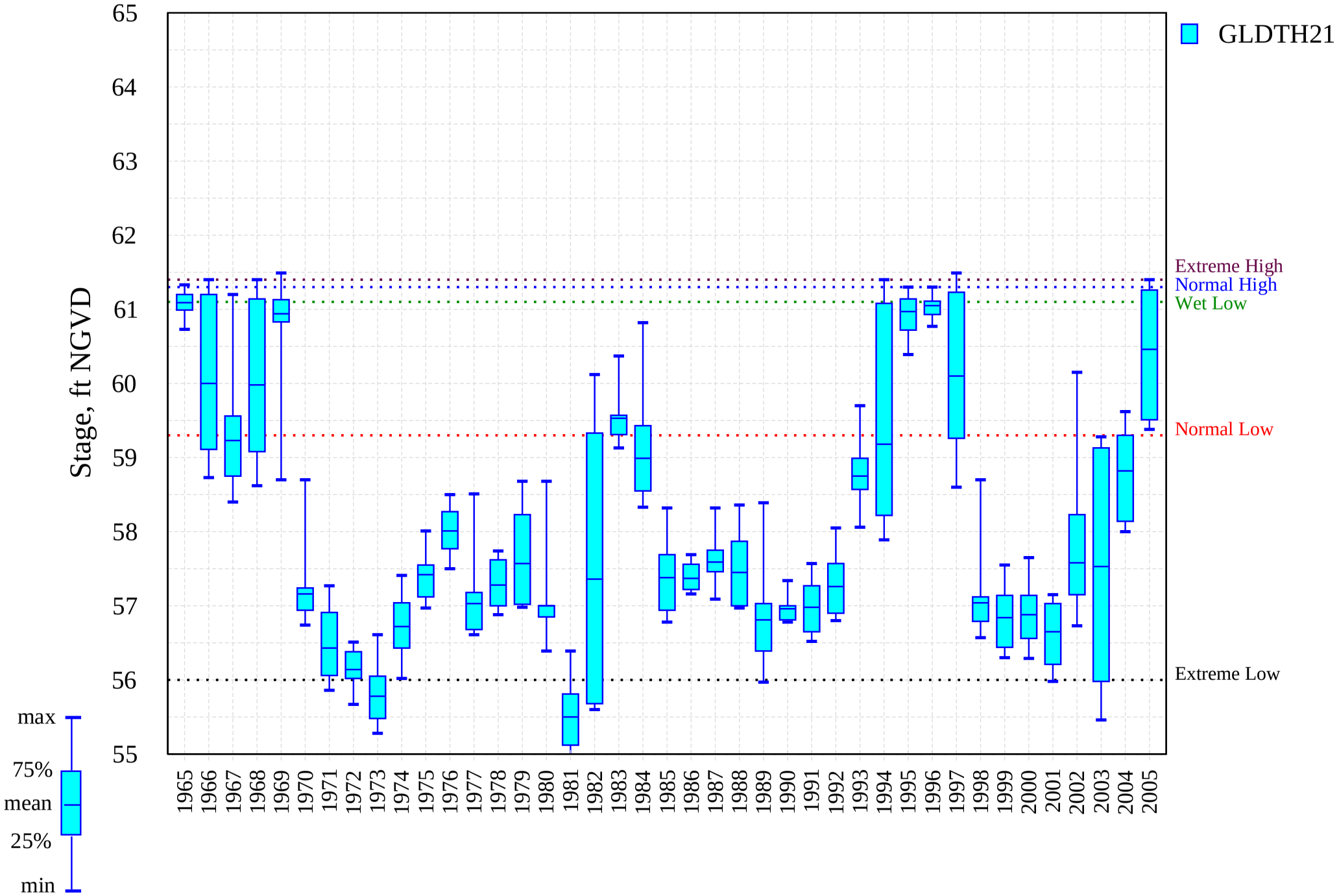
Daily Stage Hydrograph with Water Level recession windows (Sept-June)





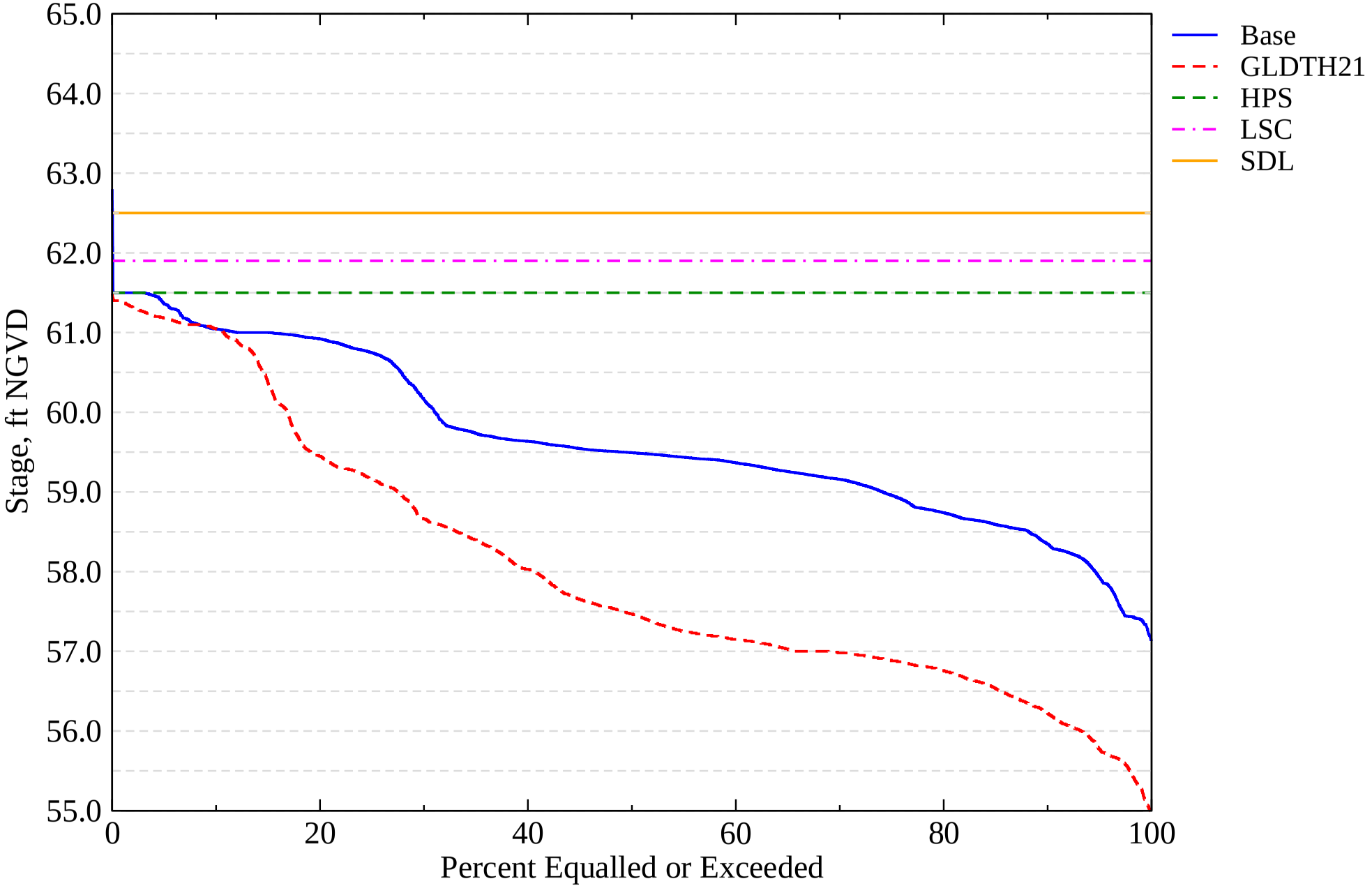
L-03. Stages in Lake Gentry

Intra-annual lake stage variation (calendar year based)



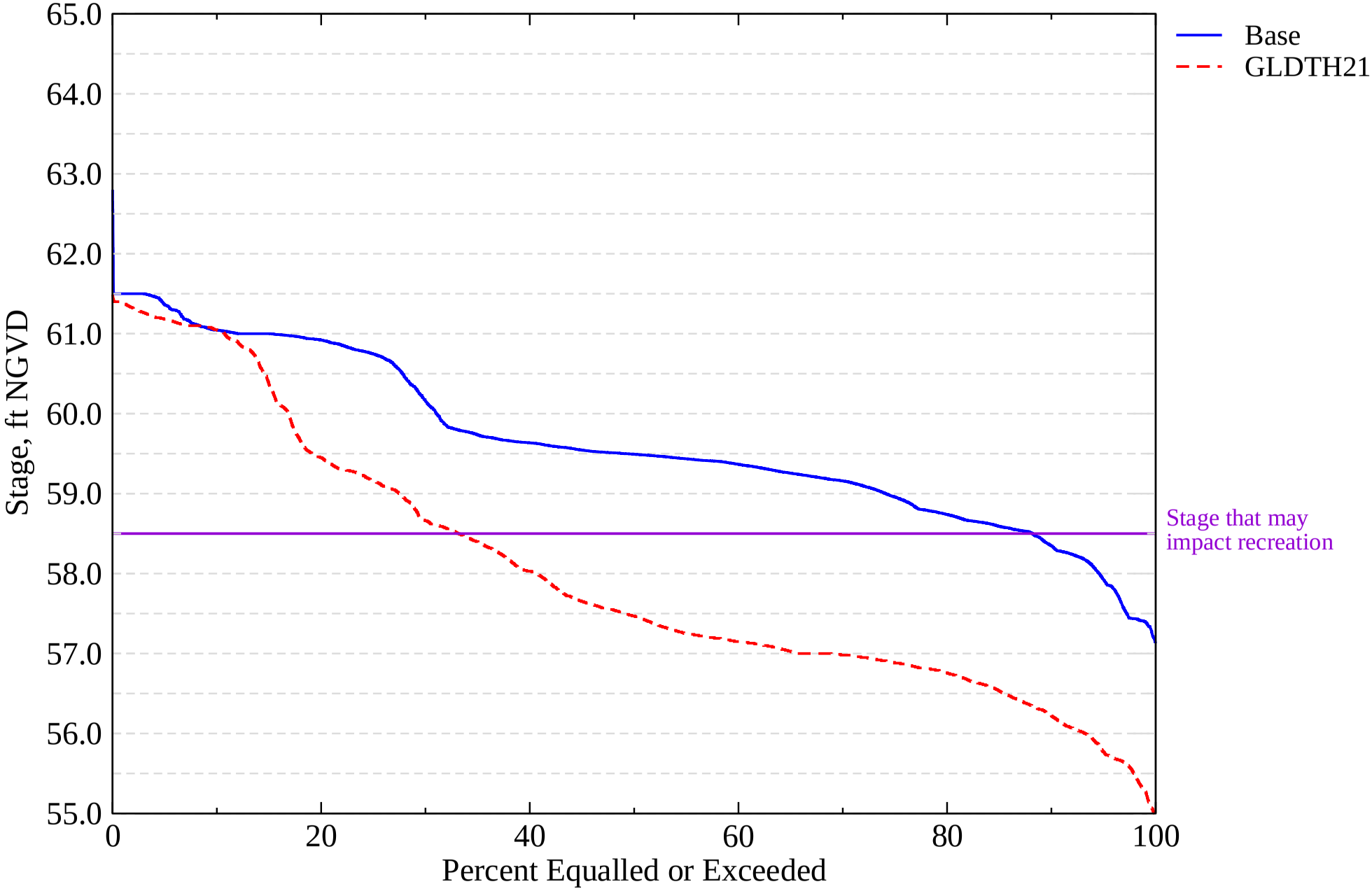
I-01. Probable High Lake Stage Performance Indicator

Lake Gentry (S63)



I-06. Stage Duration for Navigation and Recreation

Lake Gentry (S63)



Evaluation Performance Measure Score for S-57

L-04. Stages in Lakes Joel, Myrtle, and Preston

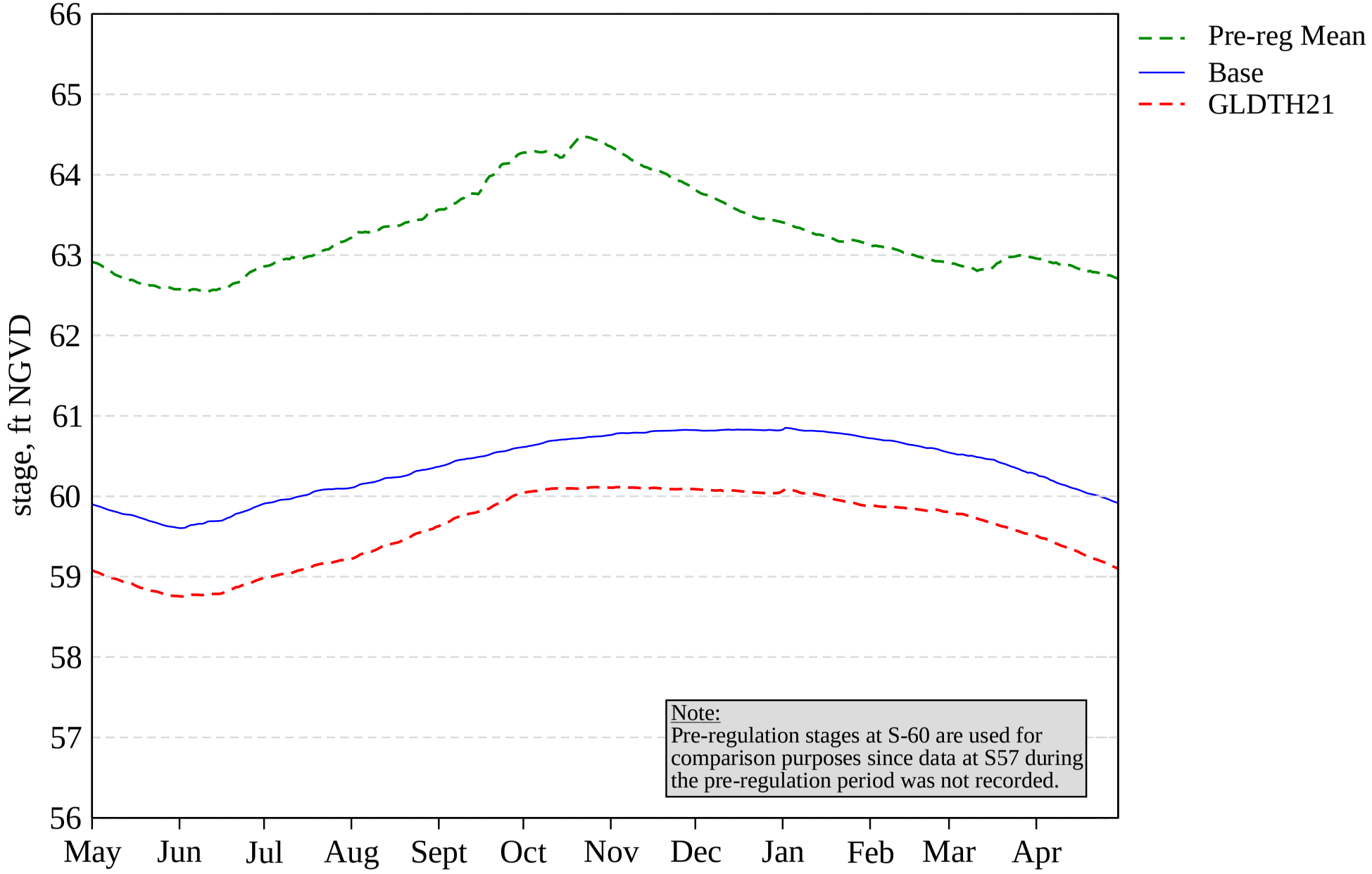
Alternative Description : GLDTH21_HWrapper

Run ID : GLDTH21

Evaluation Component	Target	Base	Calculated Component Value	Utility Value	Component Weight	Component Score
A. Percent of years that Extreme High stages occur for 30 or more consecutive days during September 1st – January 31st.	30.0	5.0	0.0	0.00	12	0.00
B. Percent of years that Normal High stages occur for 90 or more consecutive days during September 1st – January 31st.	70.0	0.0	0.0	0.00	5	0.00
C. Percent of years that Spring High stages occur for 100 or more days during January 1st – June 30th.	10.0	0.0	0.0	0.00	5	0.00
D. Percent of years that Wet Low stages occur for 40 or more days during April 1st – June 30th.	50.0	0.0	0.0	0.00	10	0.00
E. Percent of years that Normal Low stages occur for 40 or more consecutive days during April 1st – June 30th.	40.0	82.9	46.3	1.00	5	0.05
F. Percent of years that Extreme Low stages occur for 60 or more consecutive days during February 1st – June 30th.	10.0	17.1	48.8	0.13	20	0.03
G. Percent of years with a stage recession event from August 1 – July 31st with an overall recession rate ≤ 1 ft/30 days.	90.0	90.0	87.5	1.00	6.5	0.07
H. Percent of years with a stage recession event from February 1st – May 31st with an overall recession rate ≤ 0.5 feet/30 days	90.0	95.1	82.9	1.00	6.5	0.07
I. Percent of years with stage reversals greater than 0.5 feet during December 1st – May 31st.	10.0	61.0	63.4	0.21	9	0.02
J. Percent of years with a stage ascension event during May 1st – September 30th with an overall ascension rate ≤ 1.0 feet/30 days.	90.0	87.8	80.5	1.00	14	0.14
K. Mean Intra-annual Lake Stage Variation (feet).	4.5	1.9	2.2	0.28	0	0.00
L. Maximum Inter-annual Lake stage Amplitude (feet).	6.0	5.2	6.3	1.00	7	0.07
					PM Score	**0.43**
					Location Weight	**6**

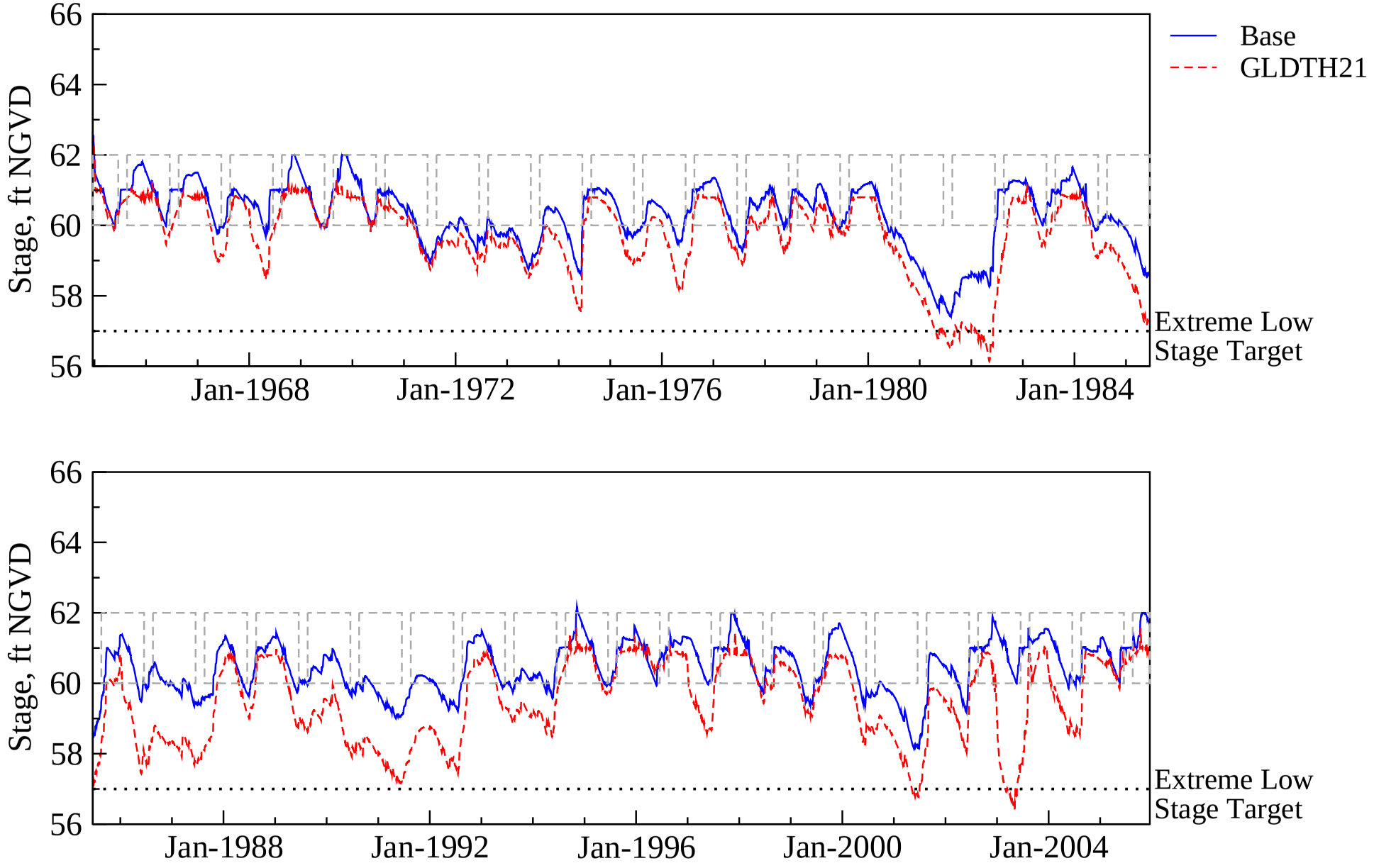
L-04. Stages in Lakes Joel, Myrtle, and Preston

Stage Hydrograph of mean daily stages



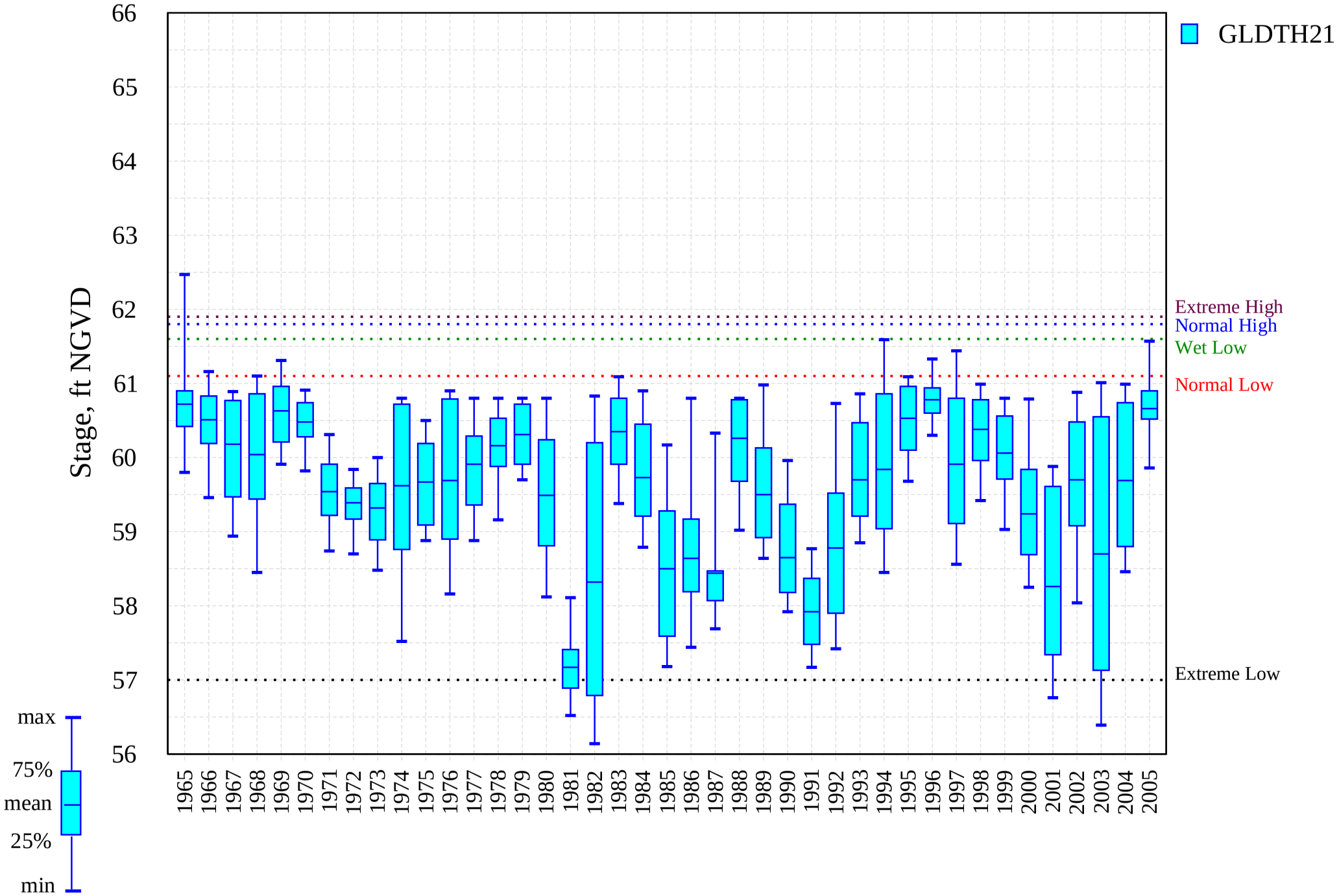
L-04. Stages in Lakes Joel, Myrtle, and Preston

Daily Stage Hydrograph with Water Level recession windows (Sept-June)



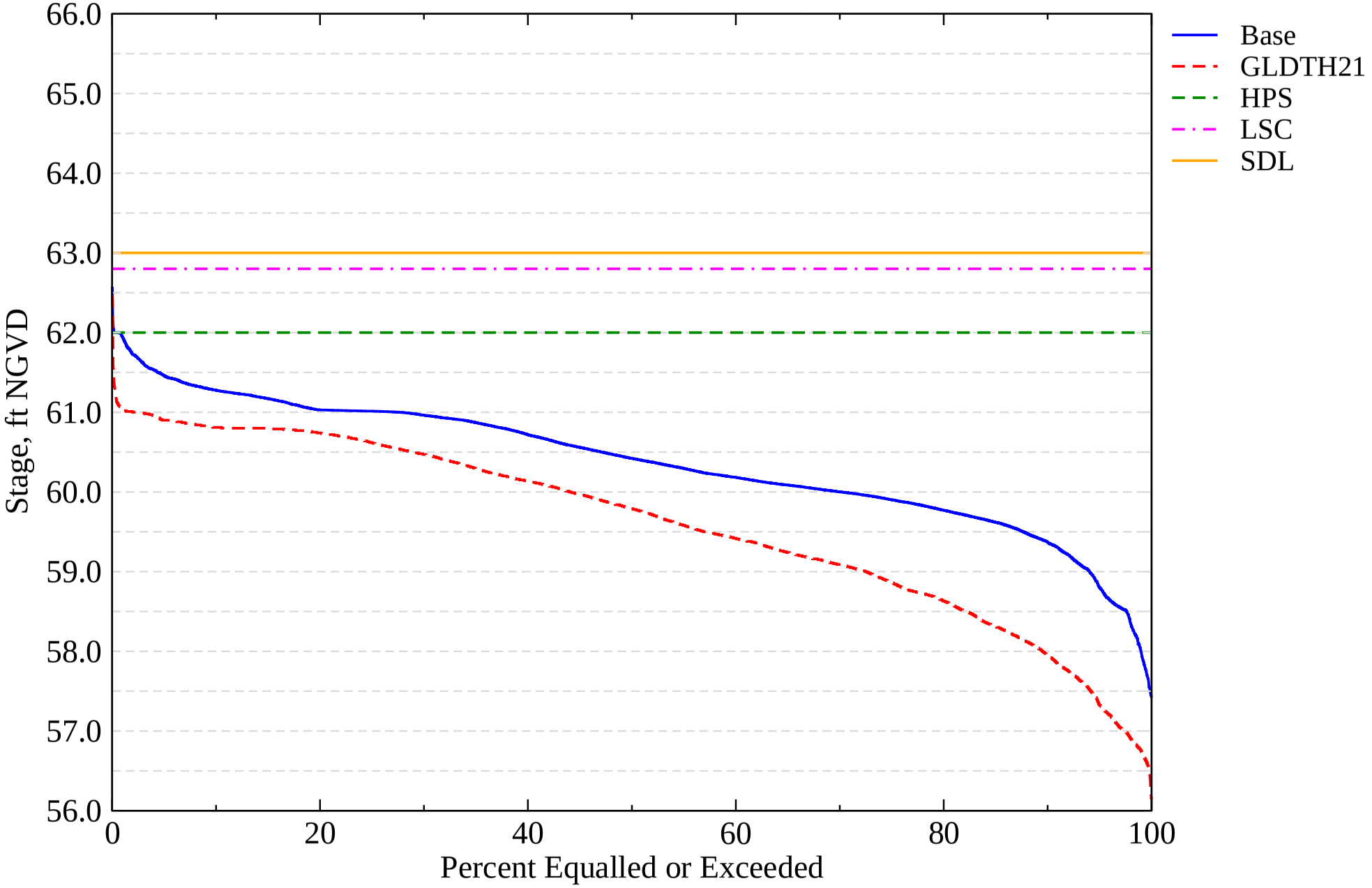
L-04. Stages in Lakes Joel, Myrtle, and Preston

Intra-annual lake stage variation (calendar year based)



I-01. Probable High Lake Stage Performance Indicator

Lake Myrtle, Joel, and Preston (S57)



Evaluation Performance Measure Score for S-59

L-05. Stages in East Lake Toho, Fell's Cove, and Lake Ajay

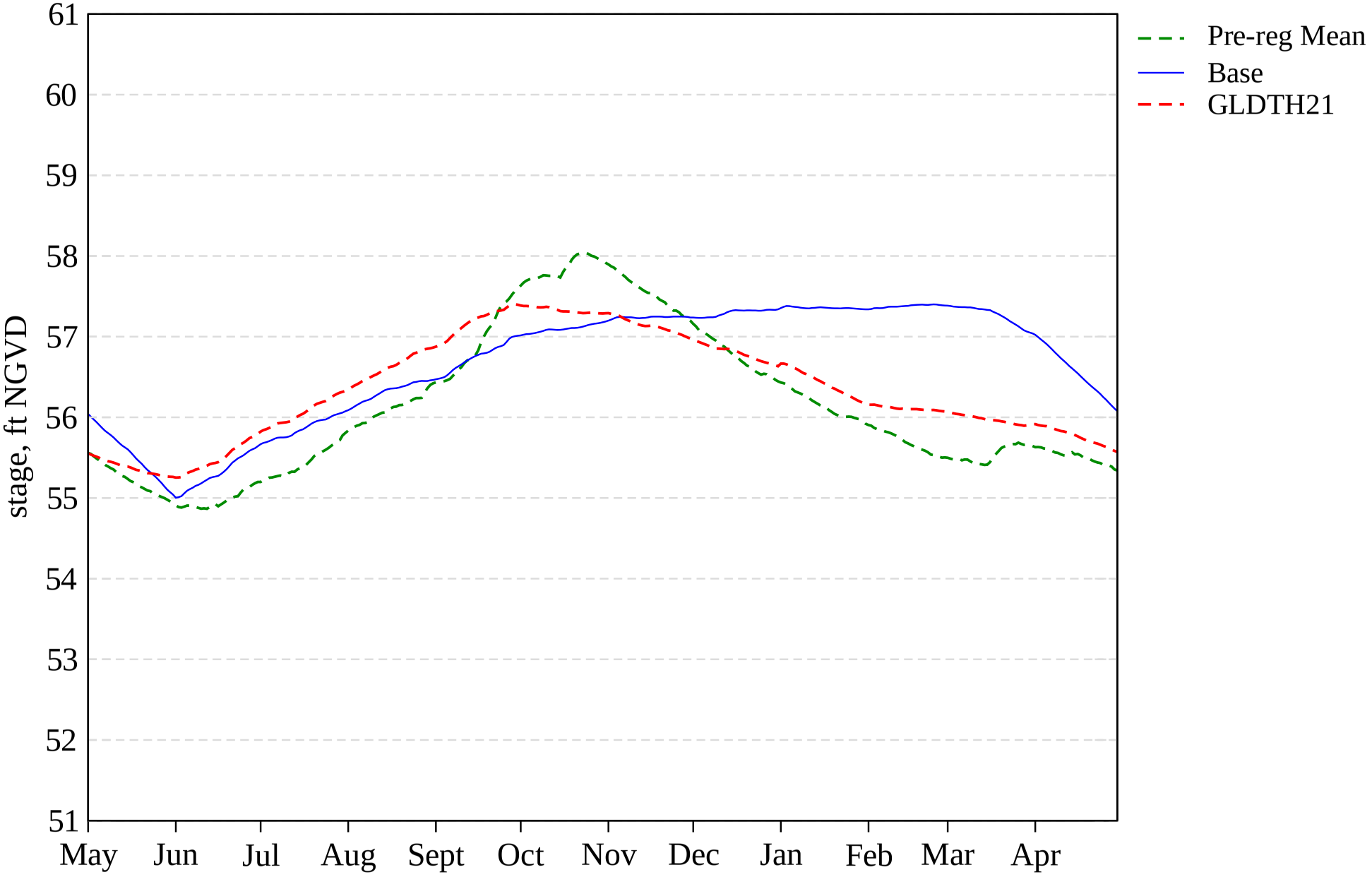
Alternative Description : GLDTH21_HWrapper

Run ID : GLDTH21

Evaluation Component	Target	Base	Calculated Component Value	Utility Value	Component Weight	Component Score
A. Percent of years that Extreme High stages occur for 30 or more consecutive days during September 1st – January 31st.	30.0	37.5	67.5	0.25	12	0.03
B. Percent of years that Normal High stages occur for 90 or more consecutive days during September 1st – January 31st.	70.0	55.0	57.5	0.86	5	0.04
C. Percent of years that Spring High stages occur for 100 or more days during January 1st – June 30th.	10.0	26.8	7.3	1.00	5	0.05
D. Percent of years that Wet Low stages occur for 40 or more days during April 1st – June 30th.	50.0	85.4	61.0	0.70	10	0.07
E. Percent of years that Normal Low stages occur for 40 or more consecutive days during April 1st – June 30th.	40.0	82.9	39.0	1.00	5	0.05
F. Percent of years that Extreme Low stages occur for 60 or more consecutive days during February 1st – June 30th.	10.0	0.0	12.2	1.00	20	0.20
G. Percent of years with a stage recession event from August 1 – July 31st with an overall recession rate ≤ 1 ft/30 days.	90.0	87.5	80.0	1.00	6.5	0.07
H. Percent of years with a stage recession event from February 1st – May 31st with an overall recession rate ≤ 0.5 feet/30 days	90.0	17.1	73.2	0.58	6.5	0.04
I. Percent of years with stage reversals greater than 0.5 feet during December 1st – May 31st.	10.0	73.2	73.2	0.15	9	0.01
J. Percent of years with a stage ascension event during May 1st – September 30th with an overall ascension rate ≤ 1.0 feet/30 days.	90.0	75.6	68.3	0.43	14	0.06
K. Mean Intra-annual Lake Stage Variation (feet).	4.7	3.3	3.1	0.64	0	0.00
L. Maximum Inter-annual Lake stage Amplitude (feet).	6.7	8.1	11.0	1.00	7	0.07
					PM Score	**0.69**
					Location Weight	**14**

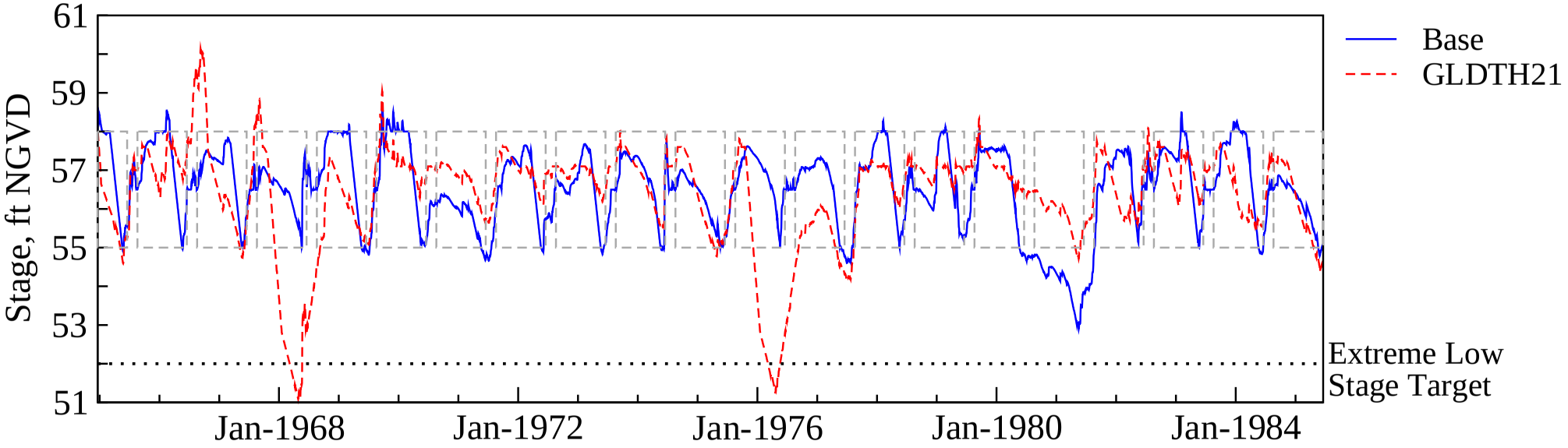
L-05. Stages in East Lake Toho, Fell's Cove, and Lake Ajay

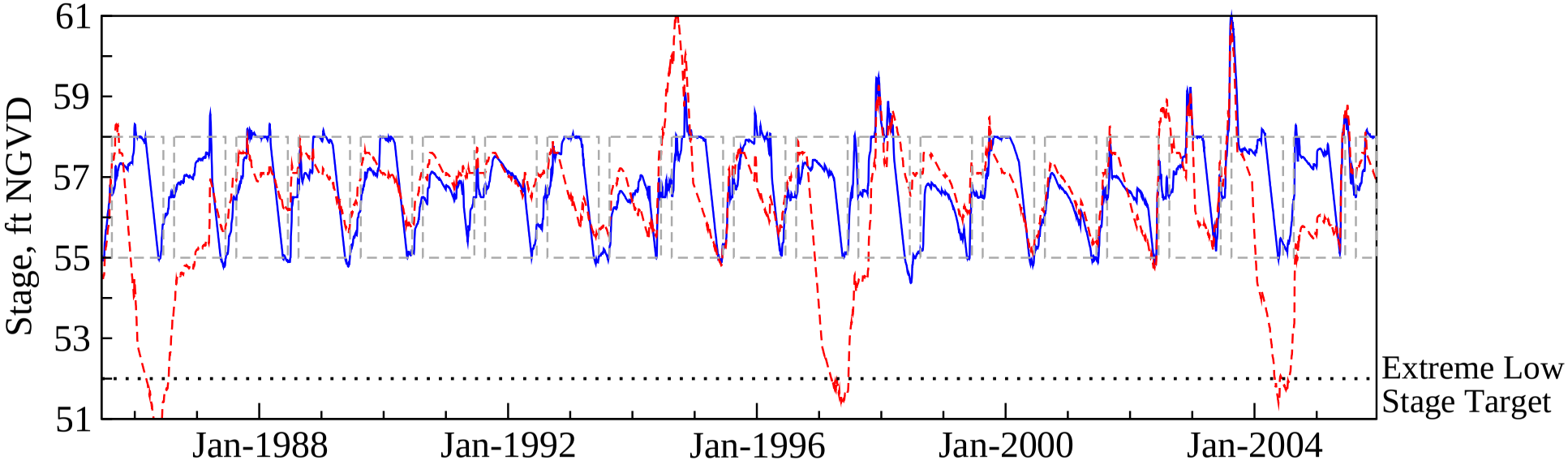
Stage Hydrograph of mean daily stages



L-05. Stages in East Lake Toho, Fell's Cove, and Lake Ajay

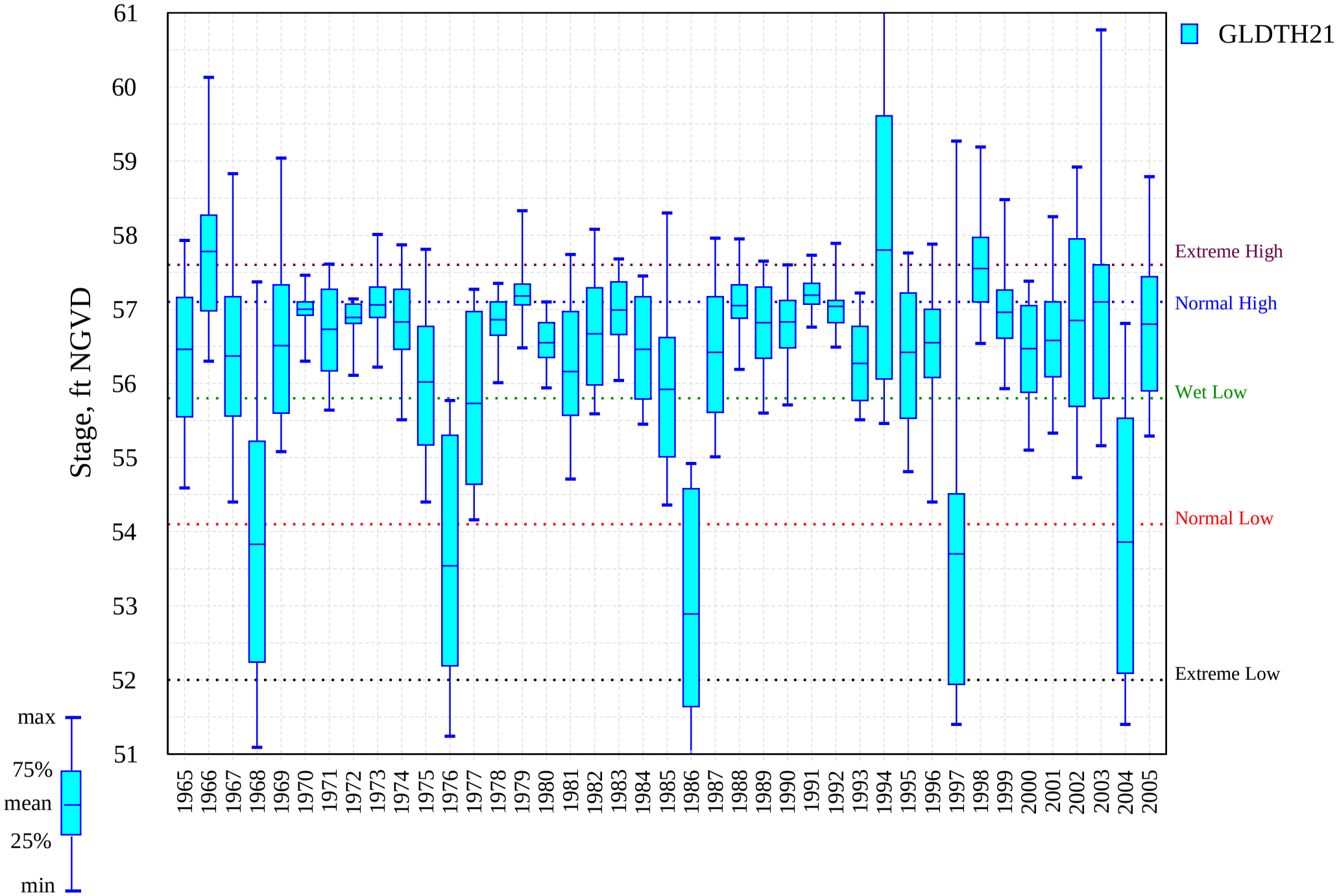
Daily Stage Hydrograph with Water Level recession windows (Sept-June)





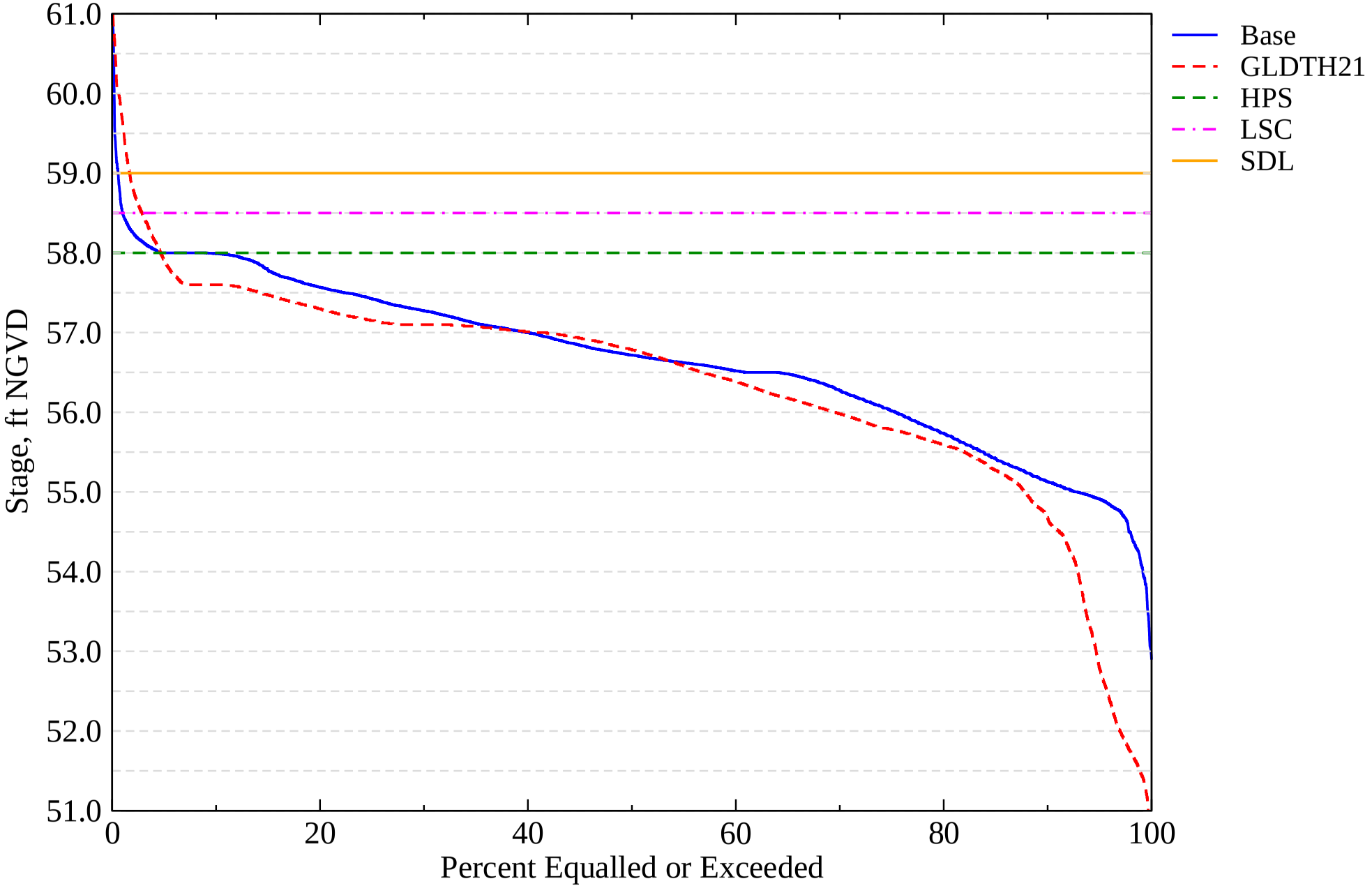
L-05. Stages in East Lake Toho, Fell's Cove, and Lake Ajay

Intra-annual lake stage variation (calendar year based)



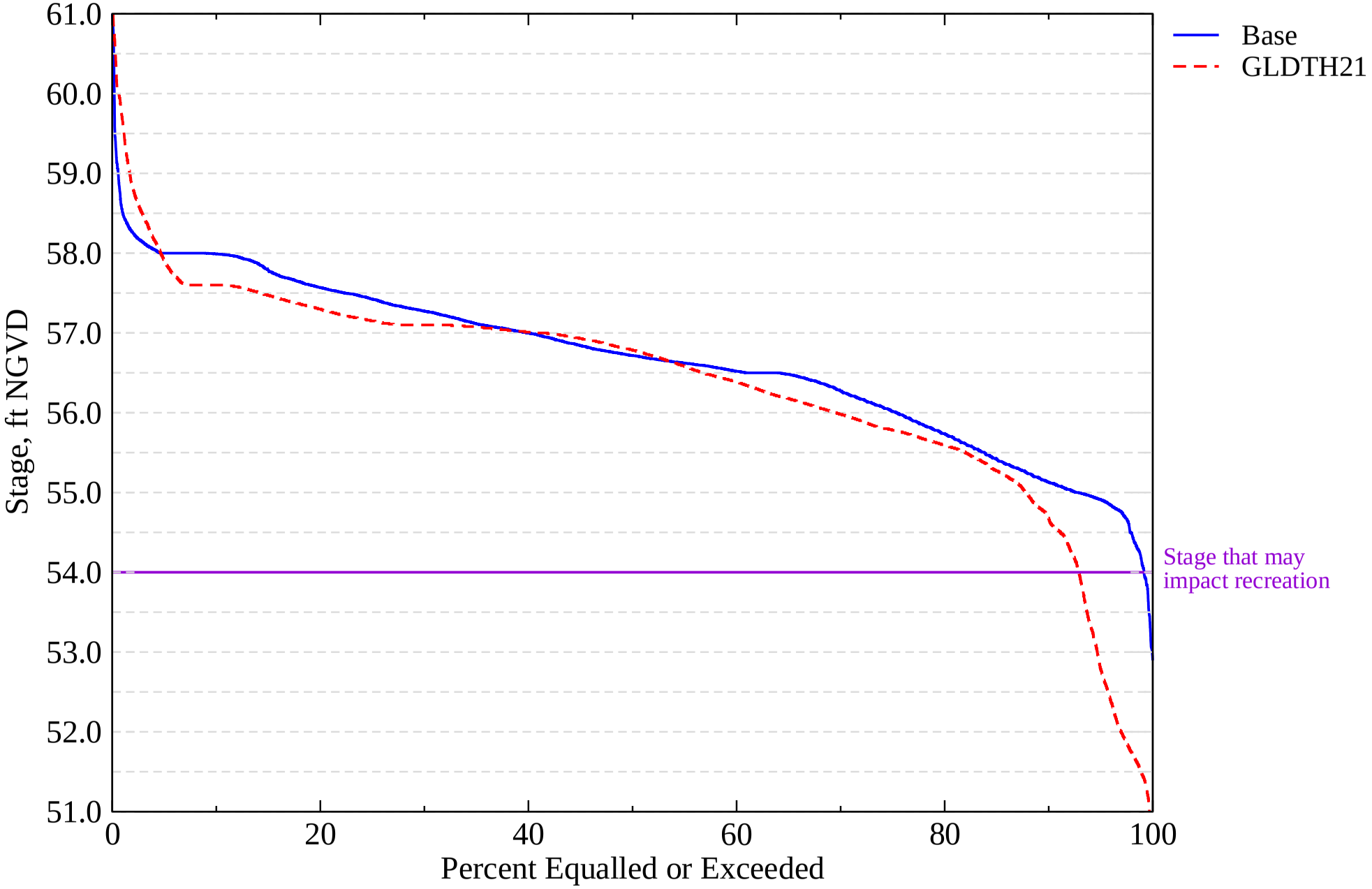
I-01. Probable High Lake Stage Performance Indicator

East Lake Toho (S59)



I-06. Stage Duration for Navigation and Recreation

East Lake Toho (S59)



Evaluation Performance Measure Score for S-60

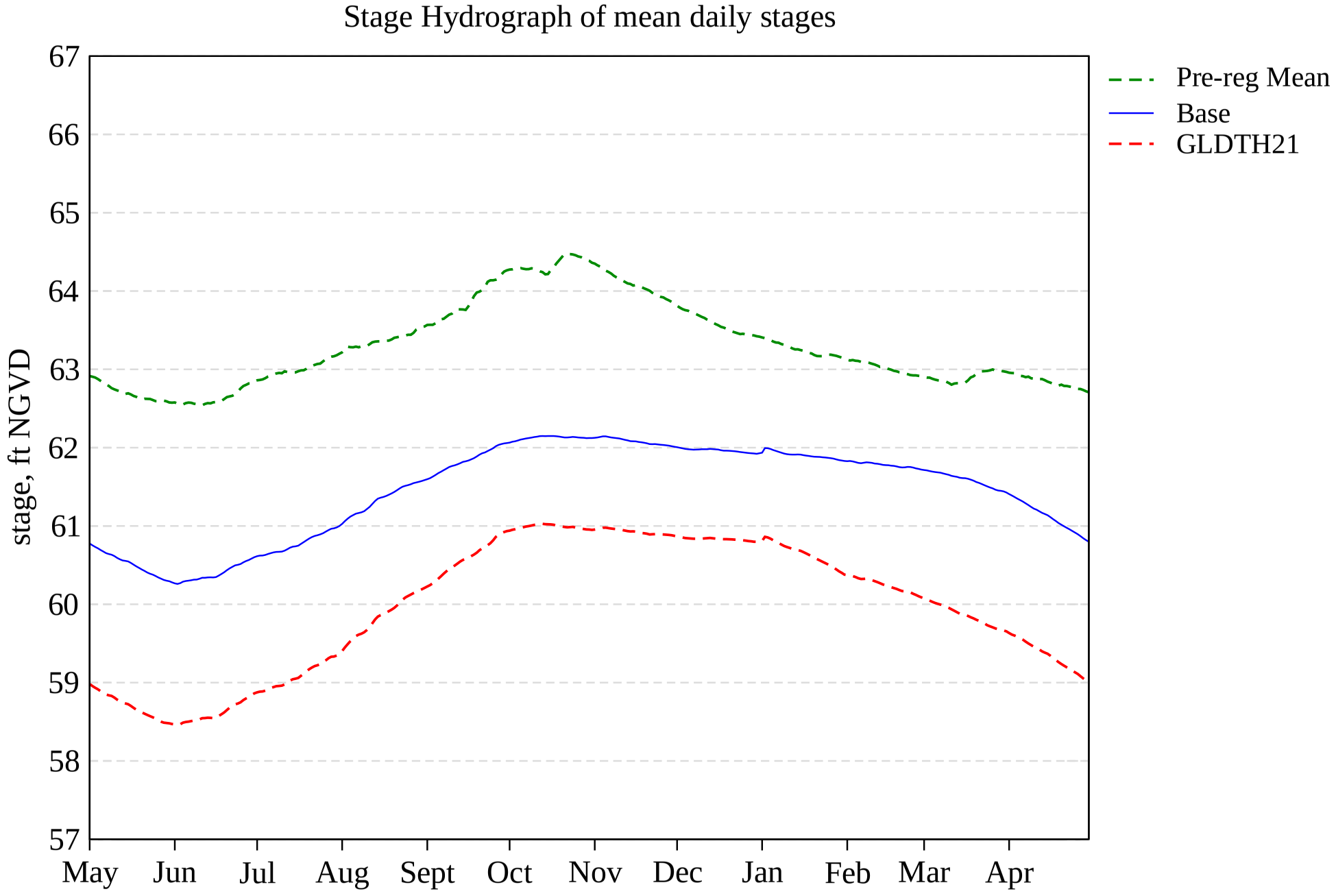
L-06. Stages in Lakes Alligator, Brick, Lizzie, Coon, Center & Trout

Alternative Description : GLDTH21_HWrapper

Run ID : GLDTH21

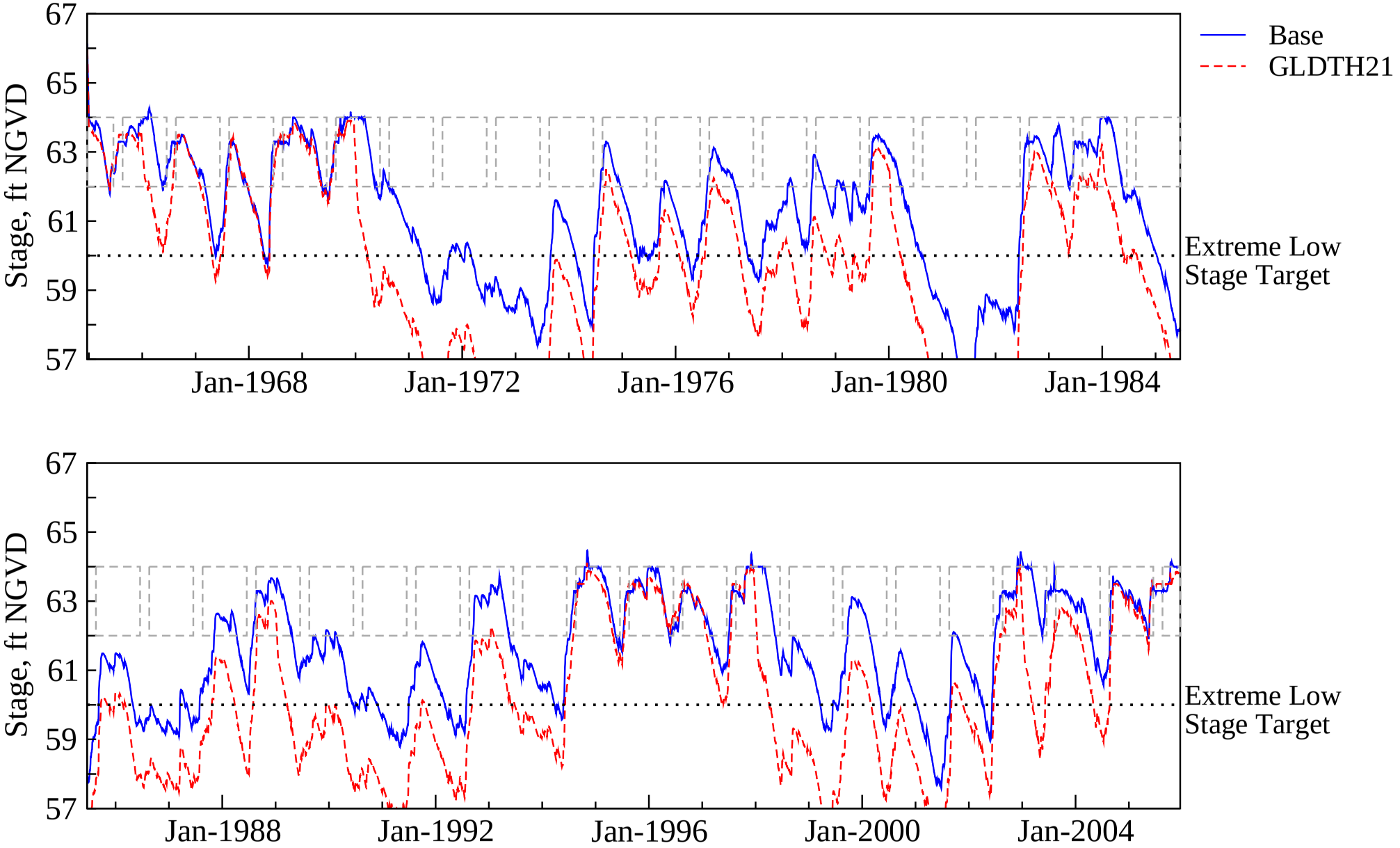
Evaluation Component	Target	Base	Calculated Component Value	Utility Value	Component Weight	Component Score
A. Percent of years that Extreme High stages occur for 30 or more consecutive days during September 1st – January 31st.	30.0	15.0	5.0	0.10	12	0.01
B. Percent of years that Normal High stages occur for 90 or more consecutive days during September 1st – January 31st.	70.0	7.5	0.0	0.00	5	0.00
C. Percent of years that Spring High stages occur for 100 or more days during January 1st – June 30th.	10.0	0.0	0.0	0.00	5	0.00
D. Percent of years that Wet Low stages occur for 40 or more days during April 1st – June 30th.	50.0	0.0	0.0	0.00	10	0.00
E. Percent of years that Normal Low stages occur for 40 or more consecutive days during April 1st – June 30th.	40.0	61.0	26.8	0.66	5	0.03
F. Percent of years that Extreme Low stages occur for 60 or more consecutive days during February 1st – June 30th.	10.0	34.1	68.3	0.08	20	0.02
G. Percent of years with a stage recession event from August 1 – July 31st with an overall recession rate ≤ 1 ft/30 days.	90.0	82.5	82.5	1.00	6.5	0.07
H. Percent of years with a stage recession event from February 1st – May 31st with an overall recession rate ≤ 0.5 feet/30 days	90.0	34.1	14.6	0.09	6.5	0.01
I. Percent of years with stage reversals greater than 0.5 feet during December 1st – May 31st.	10.0	68.3	65.9	0.19	9	0.02
J. Percent of years with a stage ascension event during May 1st – September 30th with an overall ascension rate ≤ 1.0 feet/30 days.	90.0	58.5	51.2	0.32	14	0.05
K. Mean Intra-annual Lake Stage Variation (feet).	3.3	3.3	4.3	0.52	0	0.00
L. Maximum Inter-annual Lake stage Amplitude (feet).	6.0	9.9	13.7	1.00	7	0.07
					PM Score	**0.26**
					Location Weight	**14**

L-06. Stages in Lakes Alligator, Brick, Lizzie, Coon, Center, & Trout



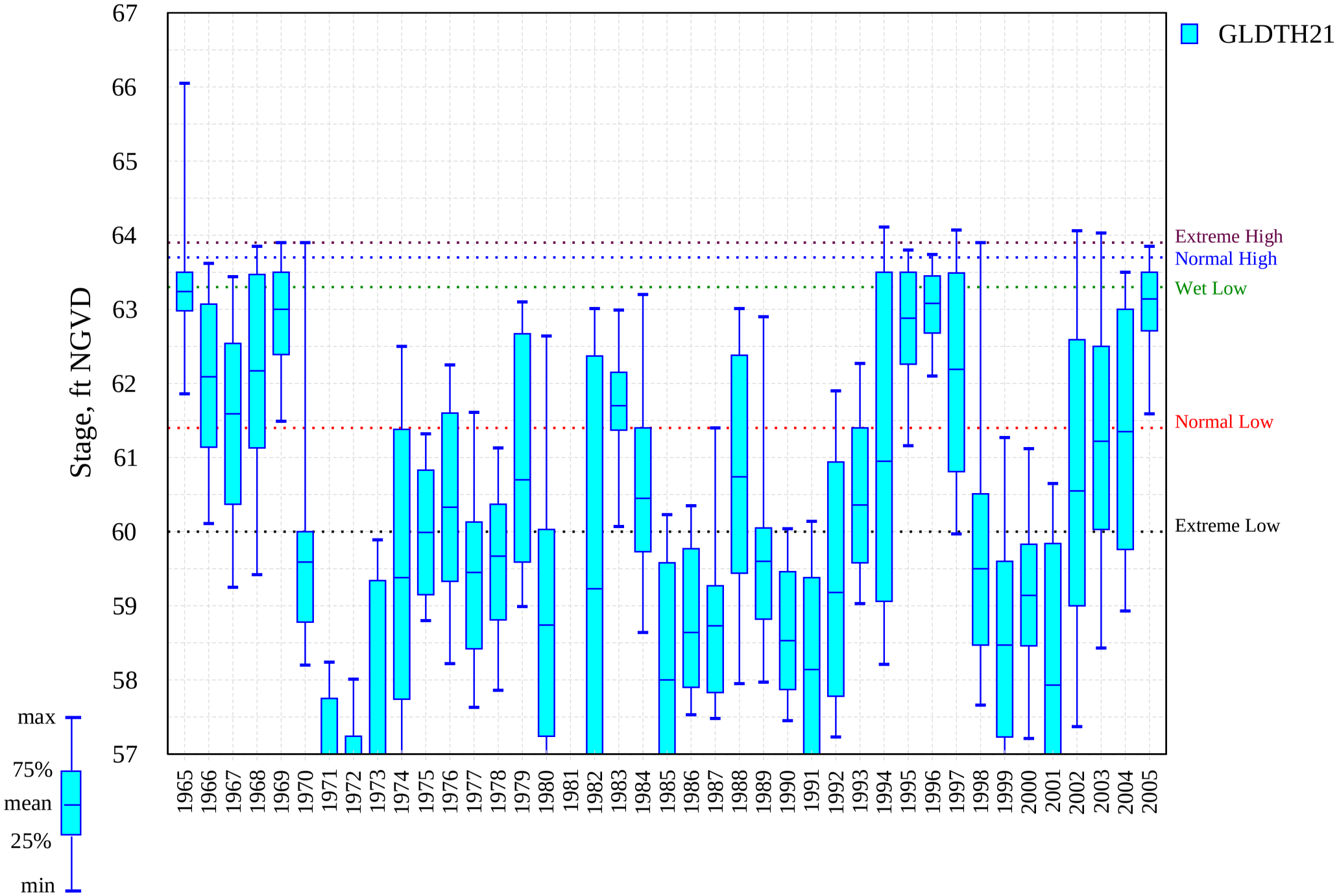
L-06. Stages in Lakes Alligator, Brick, Lizzie, Coon, Center, and Trout

Daily Stage Hydrograph with Water Level recession windows (Sept-June)



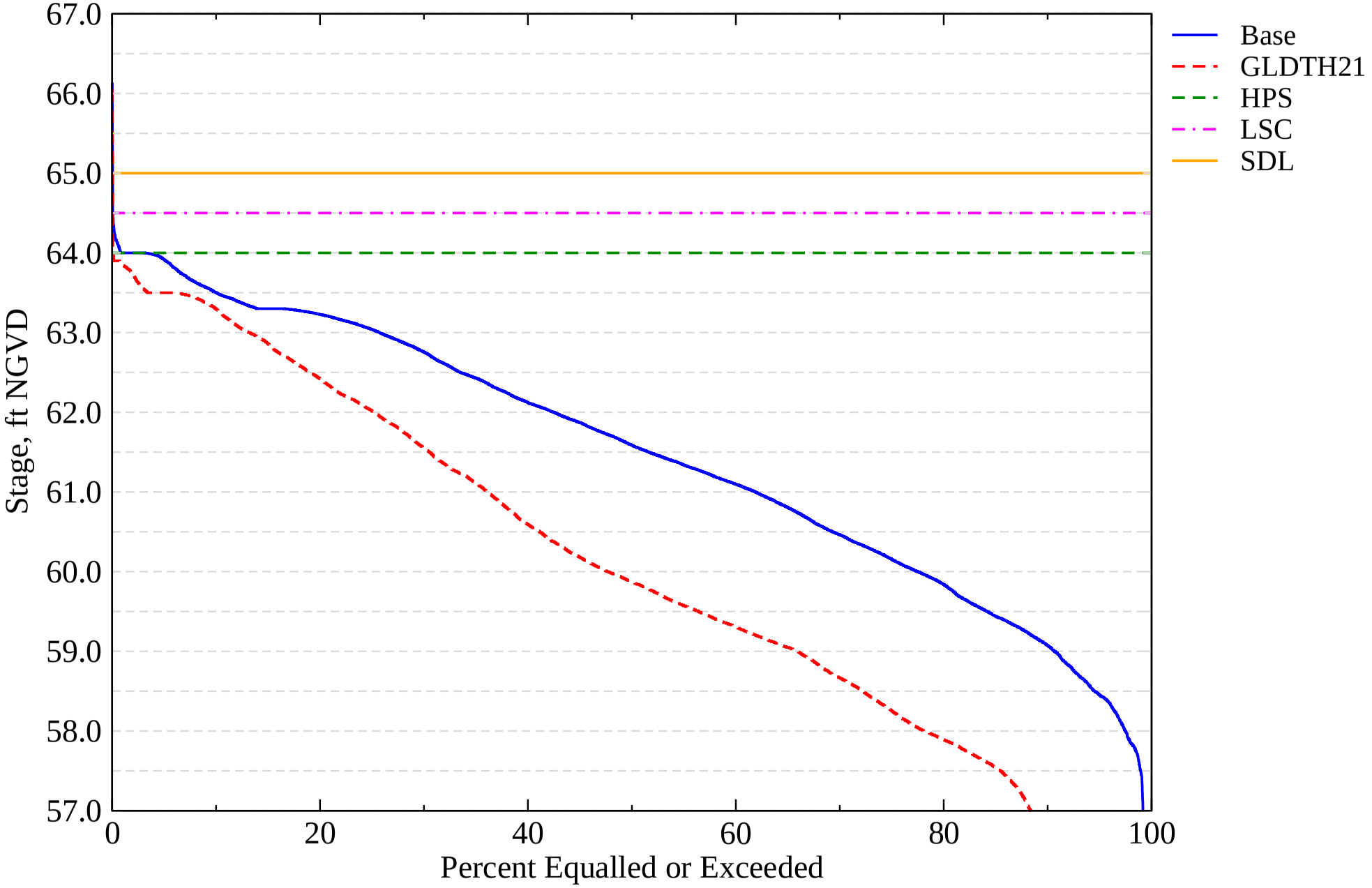
L-06. Stages in Lakes Alligator, Brick, Lizzie, Coon, Center, and Trout

Intra-annual lake stage variation (calendar year based)



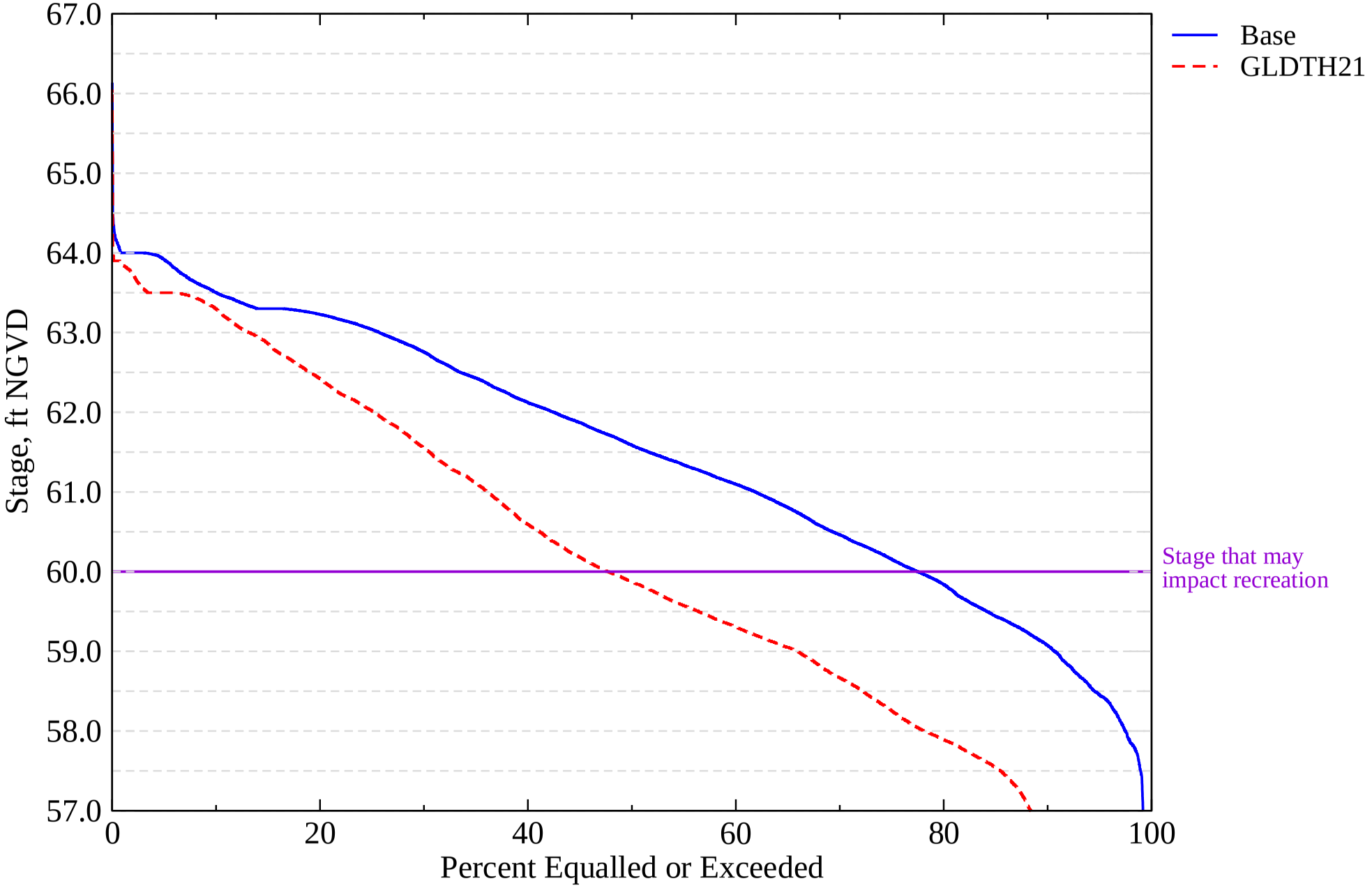
I-01. Probable High Lake Stage Performance Indicator

Alligator Chain of Lakes (S60)



I-06. Stage Duration for Navigation and Recreation

Alligator Chain of Lakes (S60)



Evaluation Performance Measure Score for S-62

L-07. Stages in Lake Hart and Mary Jane

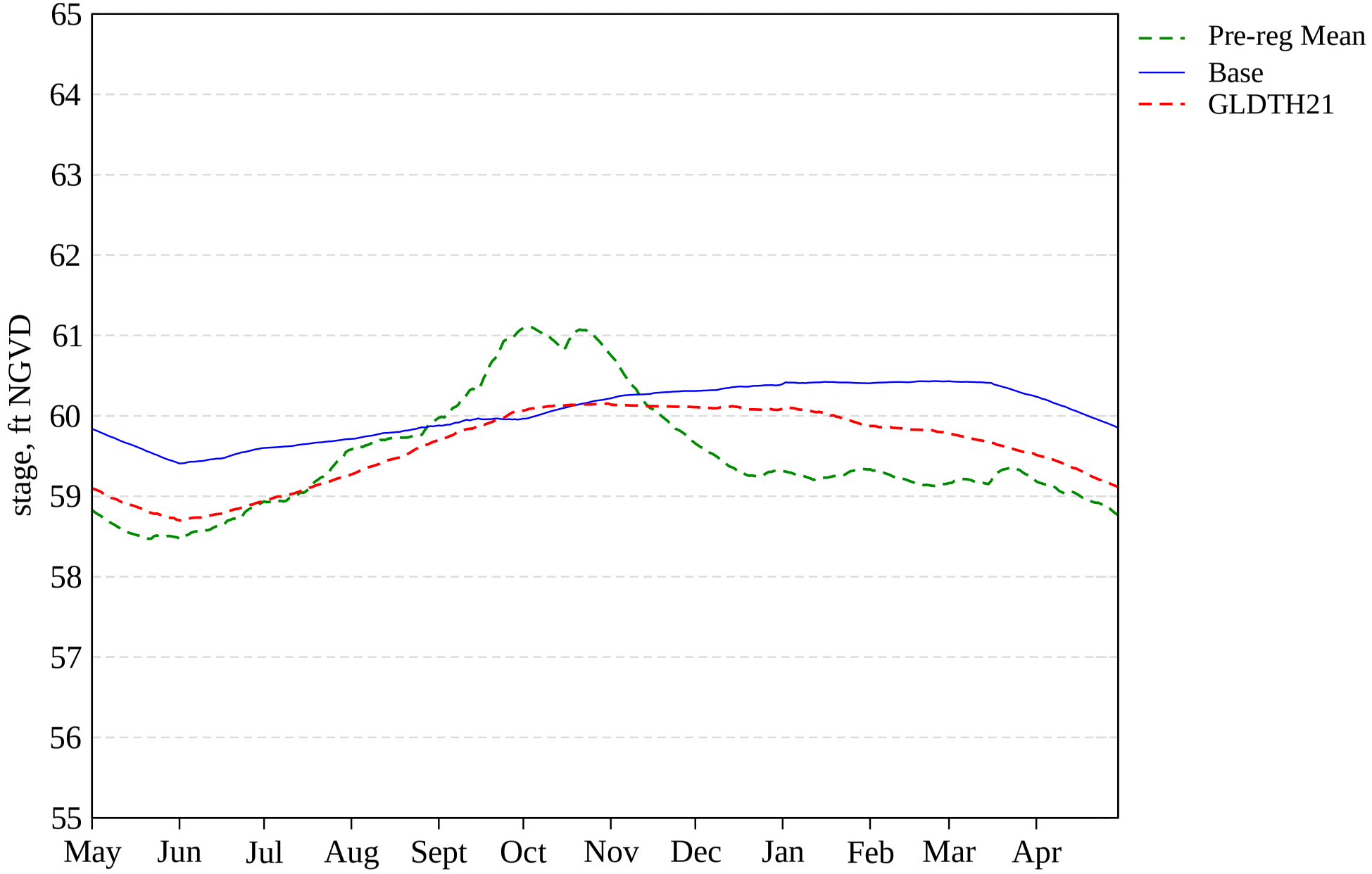
Alternative Description : GLDTH21_HWrapper

Run ID : GLDTH21

Evaluation Component	Target	Base	Calculated Component Value	Utility Value	Component Weight	Component Score
C. Percent of years that Spring High stages occur for 100 or more days during January 1st – June 30th.	10.0	48.8	7.3	1.00	5	0.05
F. Percent of years that Extreme Low stages occur for 60 or more consecutive days during February 1st – June 30th.	10.0	0.0	9.8	1.00	20	0.20
G. Percent of years with a stage recession event from August 1 – July 31st with an overall recession rate ≤ 1 foot/30 days	90.0	90.0	90.0	1.00	6.5	0.07
H. Percent of years with a stage recession event from February 1st – May 31st with an overall recession rate ≤ 0.5 feet/30 days	90.0	51.2	70.7	0.44	6.5	0.03
I. Percent of years with stage reversals greater than 0.5 feet during December 1st – May 31st.	10.0	53.7	39.0	0.34	9	0.03
J. Percent of years with a stage ascension event during May 1st – September 30th with an overall ascension rate ≤ 1.0 feet/30 days.	90.0	78.0	80.5	1.00	14	0.14
K. Mean Intra-annual Lake Stage Variation (feet).	4.5	1.5	2.1	0.24	0	0.00
L. Maximum Inter-annual Lake stage Amplitude (feet).	5.0	3.8	6.1	1.00	7	0.07
M. Percent of years that stages greater than or equal to 60.5 feet-NGVD occur from September 1st through February 15th	90.0	41.5	17.1	0.11	17	0.02
N. Percent of years that Normal Low stages occur for 40 or more consecutive days during May 1st – June 30th.	40.0	95.1	73.2	0.23	5	0.01
O. Percent of years that Wet Low stages occur for 40 or more days during May 1st – June 30th.	50.0	2.4	12.2	0.12	10	0.01
					PM Score	**0.63**
					Location Weight	**10**

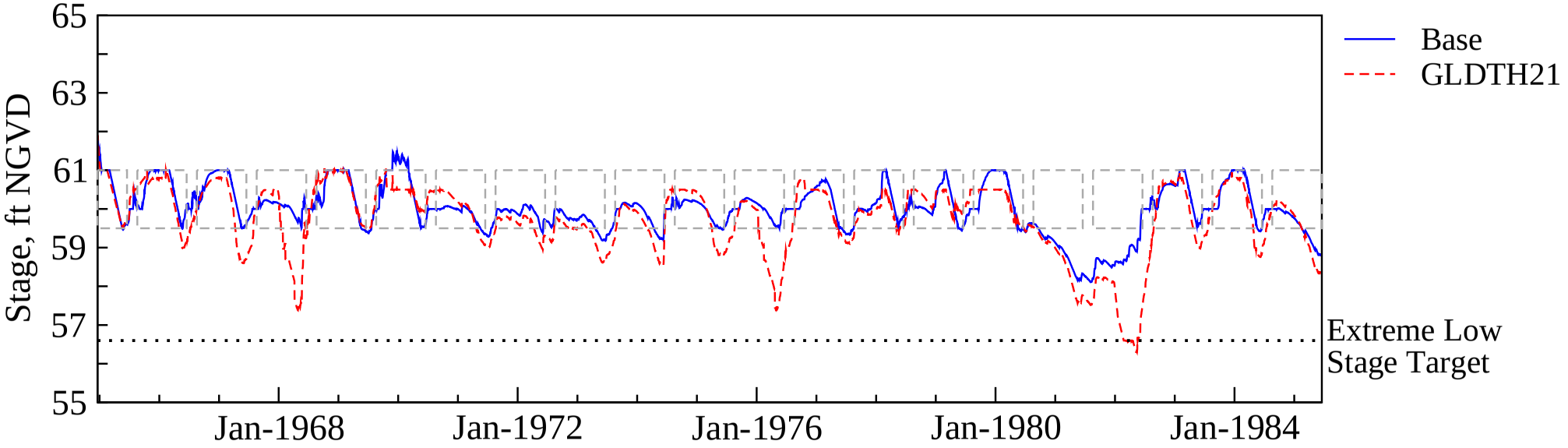
L-07. Stages in Lake Hart and Mary Jane

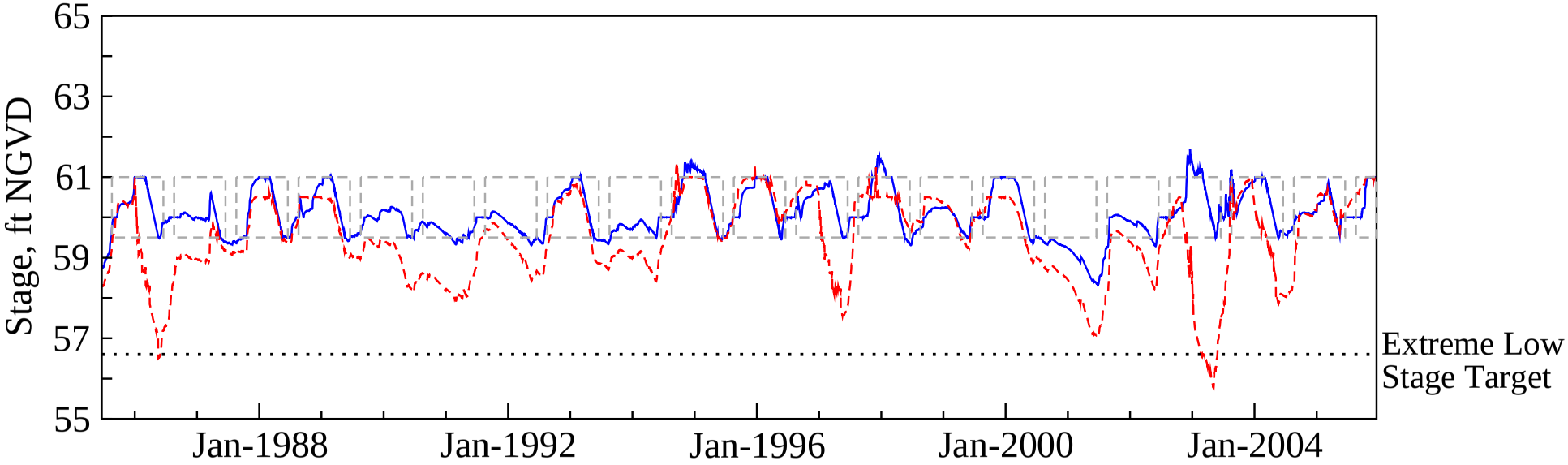
Stage Hydrograph of mean daily stages



L-07. Stages in Lakes Hart and Mary Jane

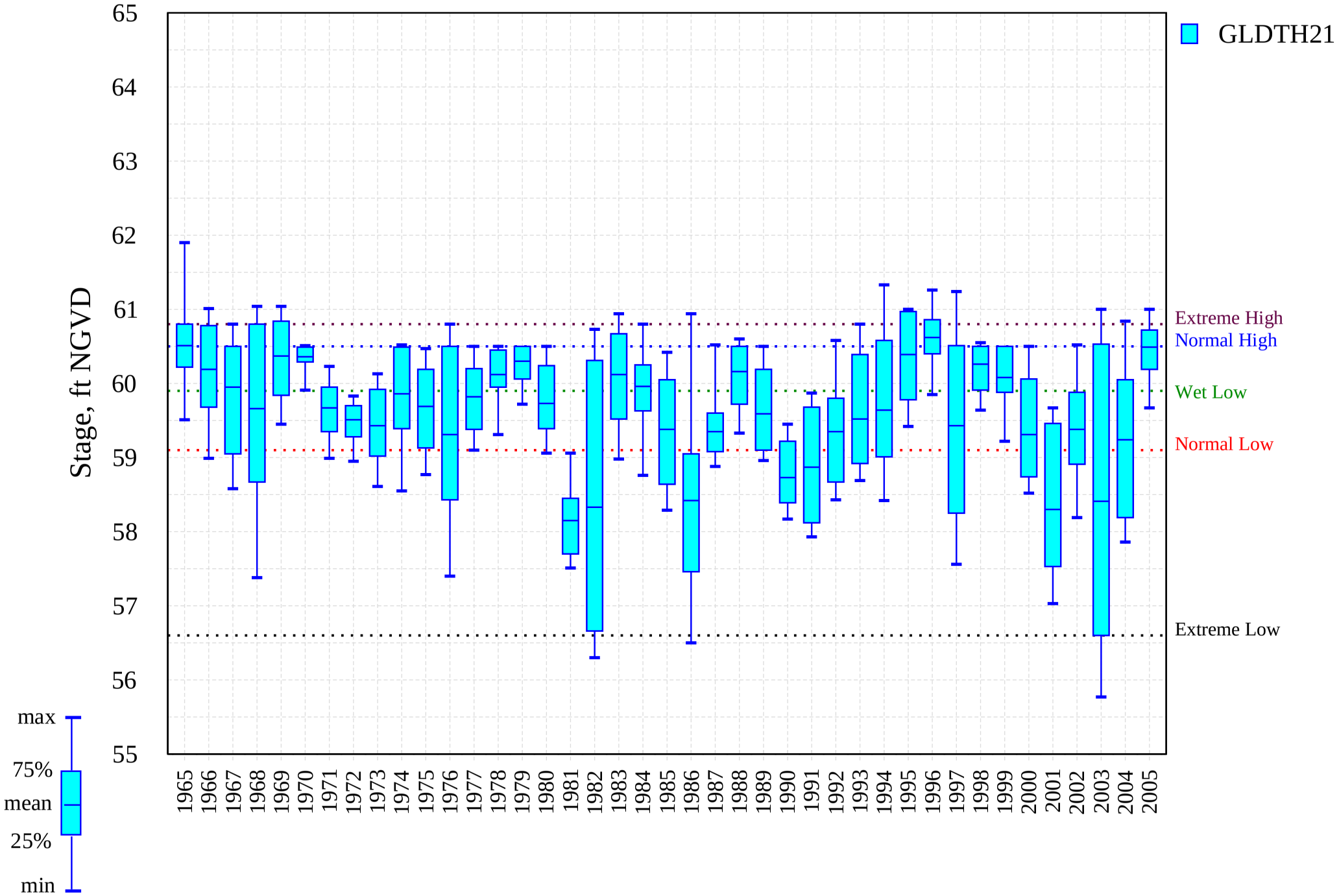
Daily Stage Hydrograph with Water Level recession windows (Sept-June)





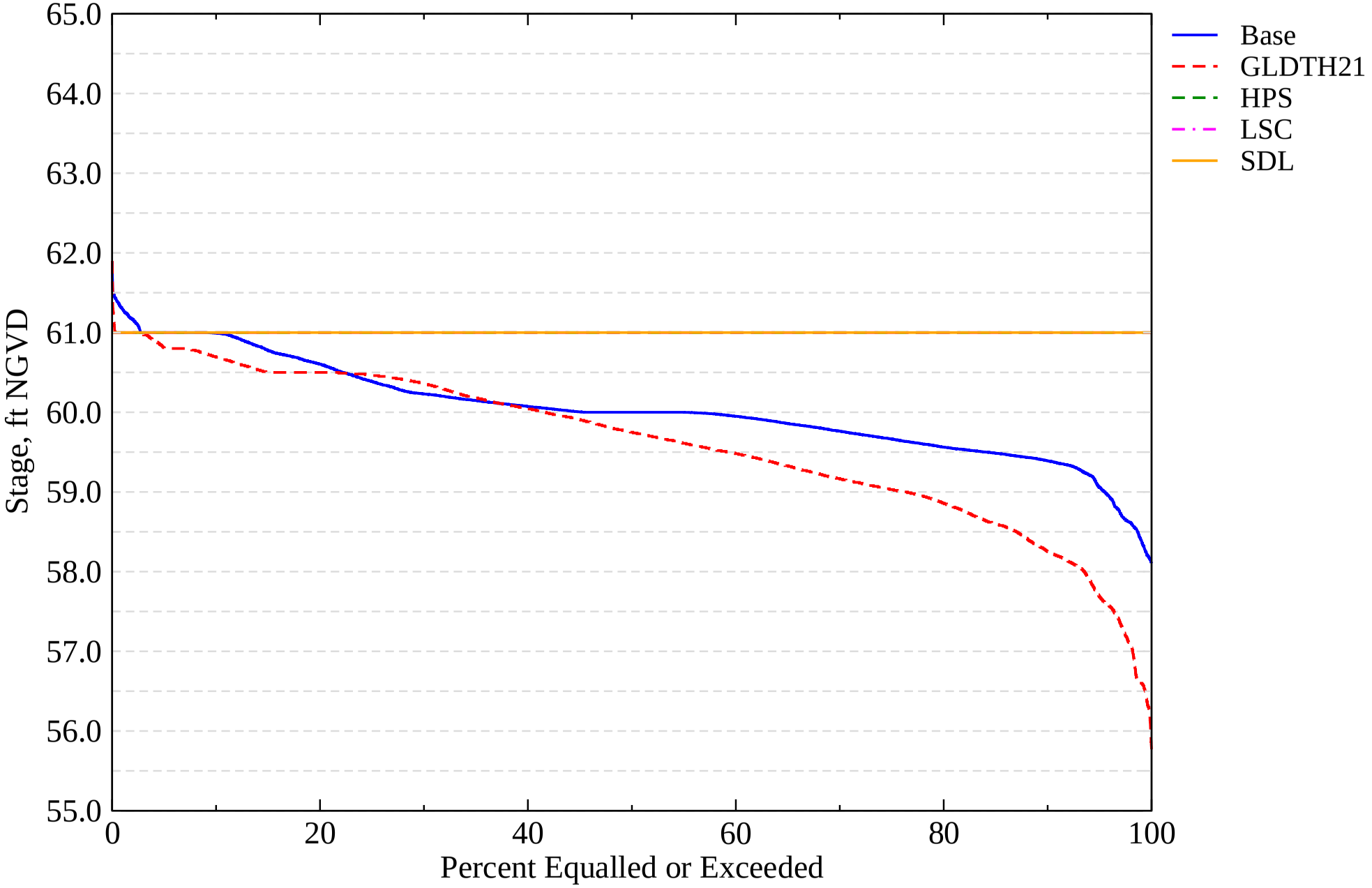
L-07. Stages in Lakes Hart and Mary Jane

Intra-annual lake stage variation (calendar year based)



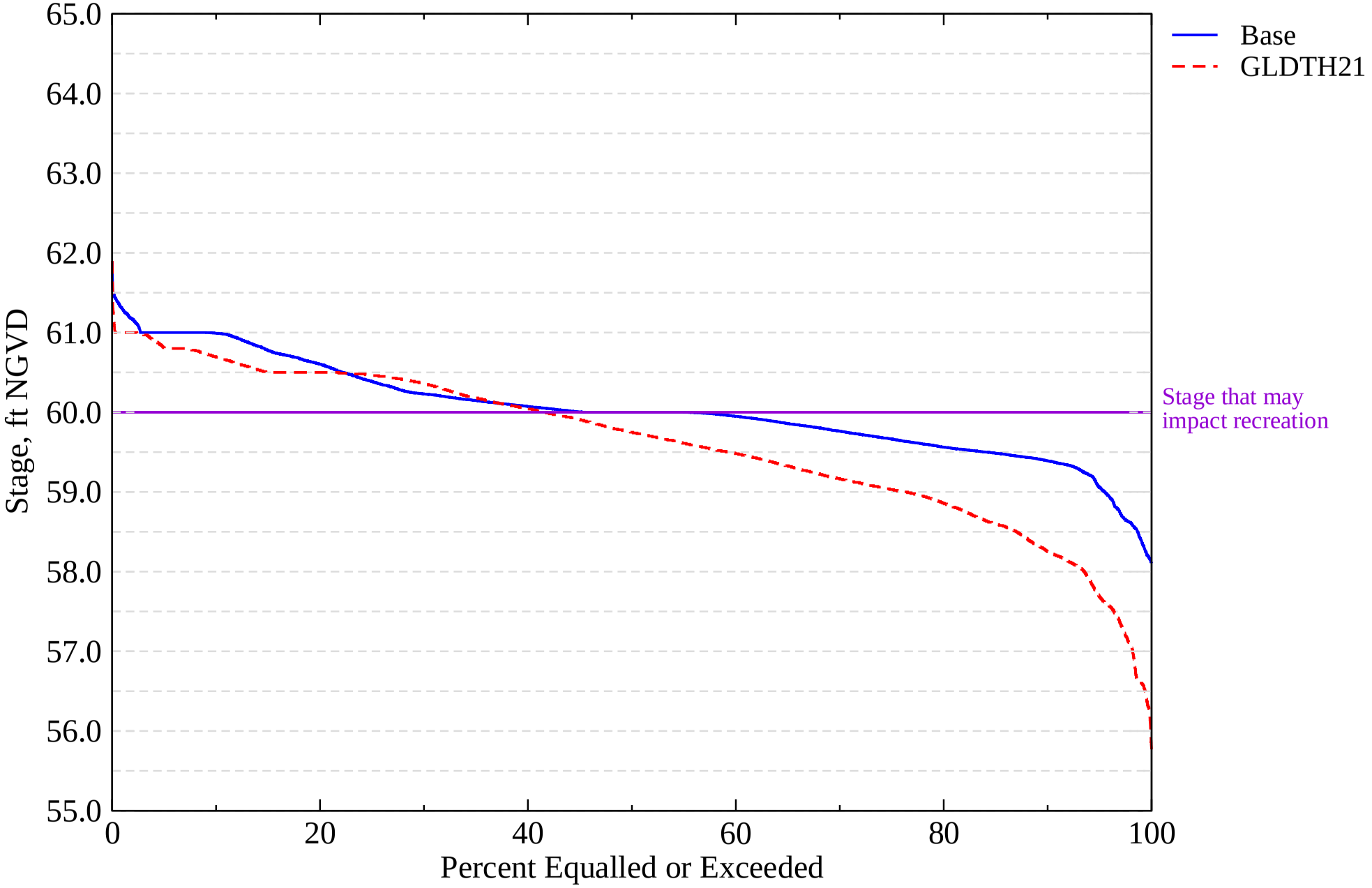
I-01. Probable High Lake Stage Performance Indicator

Lakes Hart and Mary Jane (S62)



I-06. Stage Duration for Navigation and Recreation

Lake Hart and Mary Jane (S62)



Evaluation Performance Measure Score for S-65 and S-65E

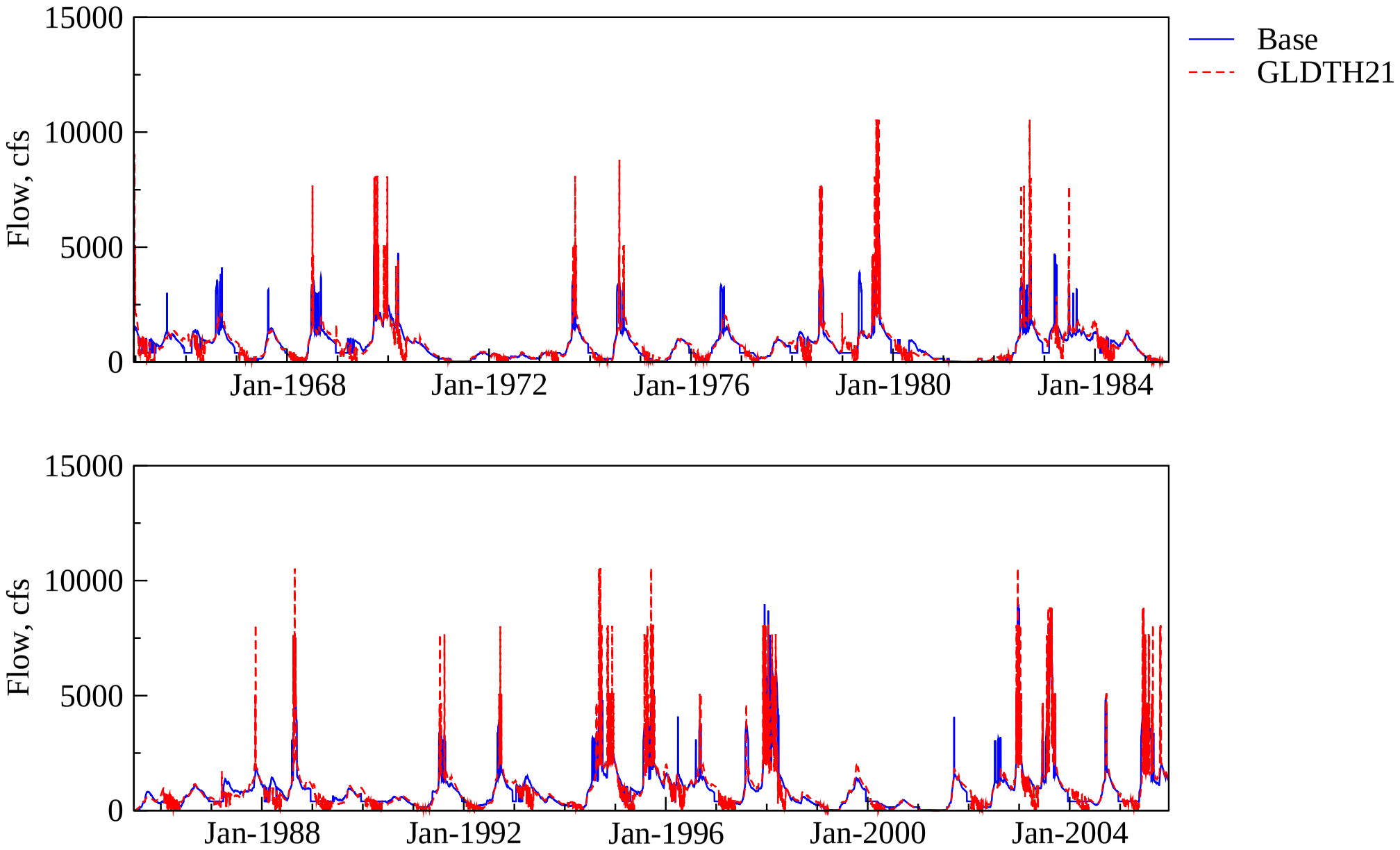
R-01. Kissimmee River Flow

Alternative Description : GLDTH21_HWrapper

Run ID : GLDTH21

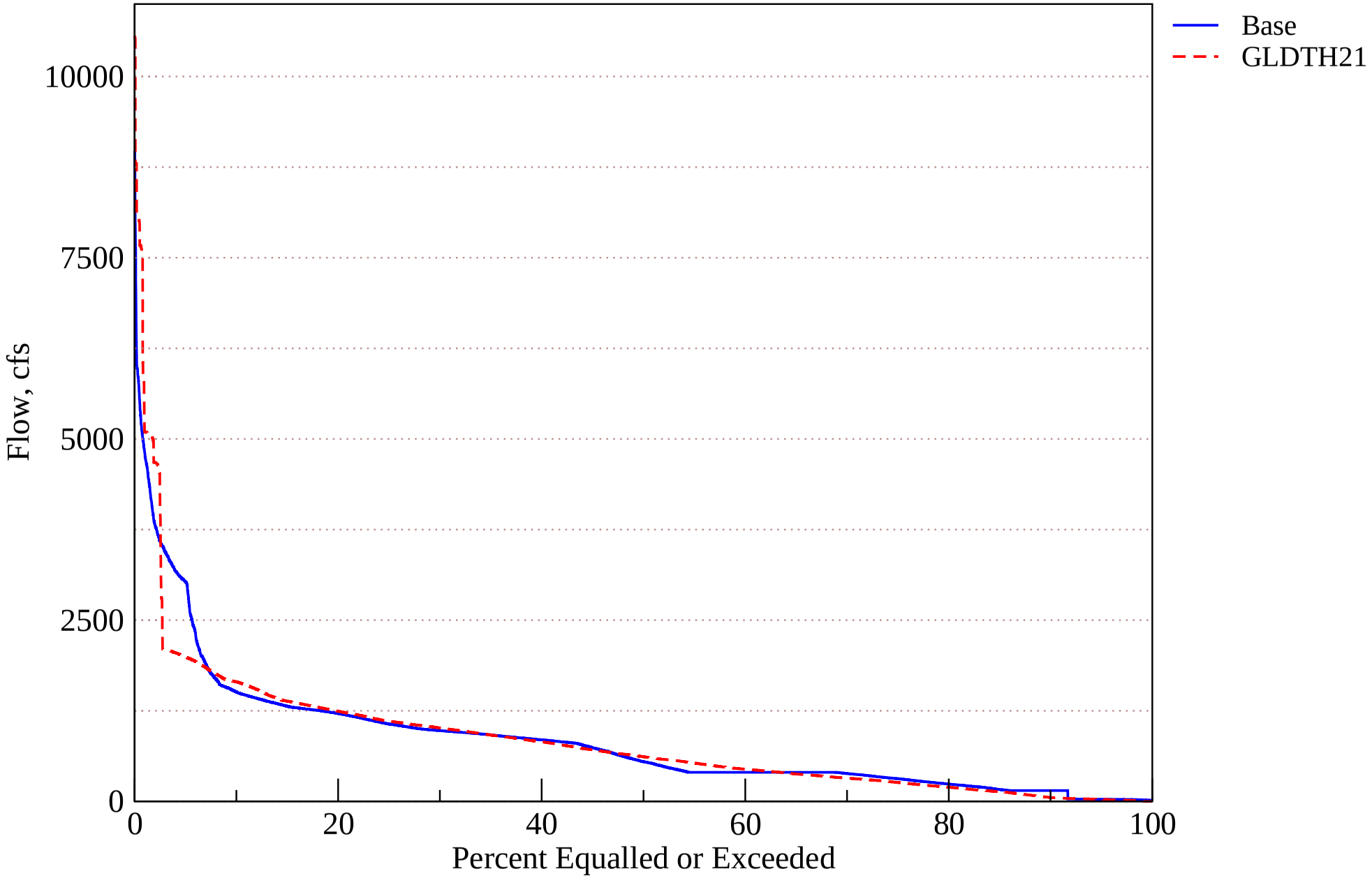
Evaluation Component	Target		Base		Calculated Component Value		Utility Value		Component Weight	Component Score	
	S65	S65E	S65	S65E	S65	S65E	S65	S65E		S65	S65E
A. Percent of years (water years) that the maximum mean monthly flow occurs in September, October or November (%).	57.1	69.0	50.0	62.5	60.0	77.5	1.00	1.00	15	0.15	0.15
B. Percent of years (water years) that the maximum mean monthly flow occurs in July, August, December or January (%).	25.0	18.0	30.0	30.0	22.5	20.0	1.00	1.00	0	0.00	0.00
C. Percent of years (calendar years) that the minimum mean monthly flow occurs in April, May or June (%).	44.8	57.6	46.3	53.7	87.8	85.4	1.00	1.00	15	0.15	0.15
D. Percent of years (calendar years) that the minimum mean monthly flow occurs in February, March, July or August (%).	24.1	24.2	22.0	22.0	4.9	7.3	1.00	1.00	0	0.00	0.00
E. Average intra–annual (calendar year based) monthly flow variation (kac–feet/mth).	124.0	247.0	110.0	154.0	123.0	162.0	1.00	0.73	10	0.10	0.07
F. Standard deviation of intra-annual (calendar year based) monthly flow variation (kac–feet/mth).	110.0	170.0	73.0	86.0	77.0	84.0	0.78	0.55	20	0.16	0.11
G. Return Frequency of 14–day low flow (Q<250 cfs) events (calendar years).	5.0	17.1	1.7	0.0	1.1	5.8	0.06	0.09	30	0.02	0.03
H. Number of times that the maximum mean monthly flows occurs during February – June for more than 3 consecutive years (calendar years).	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	0	0.00	0.00
I. Return Frequency of 3-day high flow (Q>5000 cfs) events (calendar years).	5.0	n/a	5.1	0.0	2.0	0.0	0.11	0.00	10	0.01	0.00
									PM Score	**0.58**	**0.51**
									Location Weights	**65**	**35**
									PM Composite Score	**0.56**	

Flow Hydrograph at S65

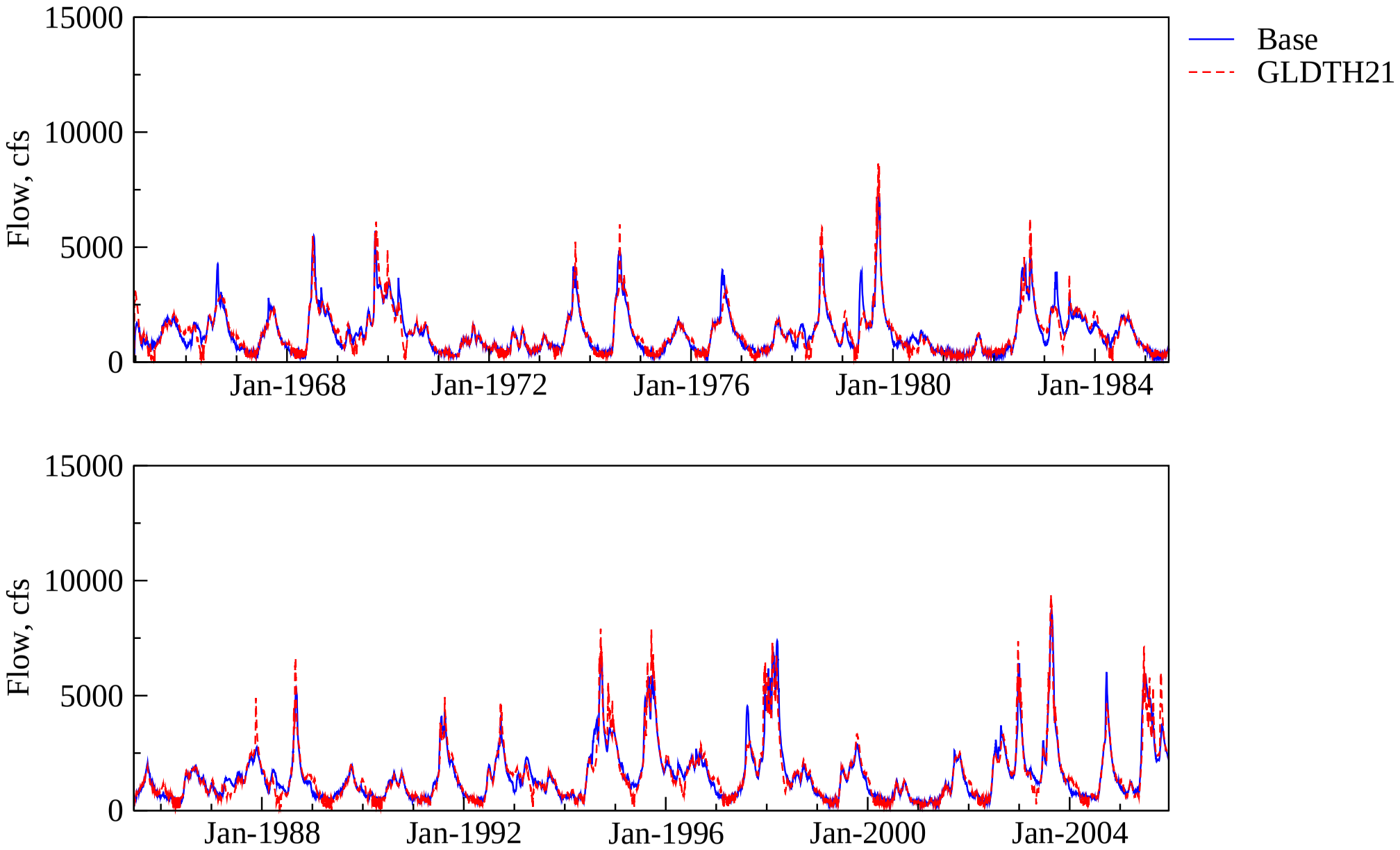


Flow Duration Curve for Kissimmee River

S65

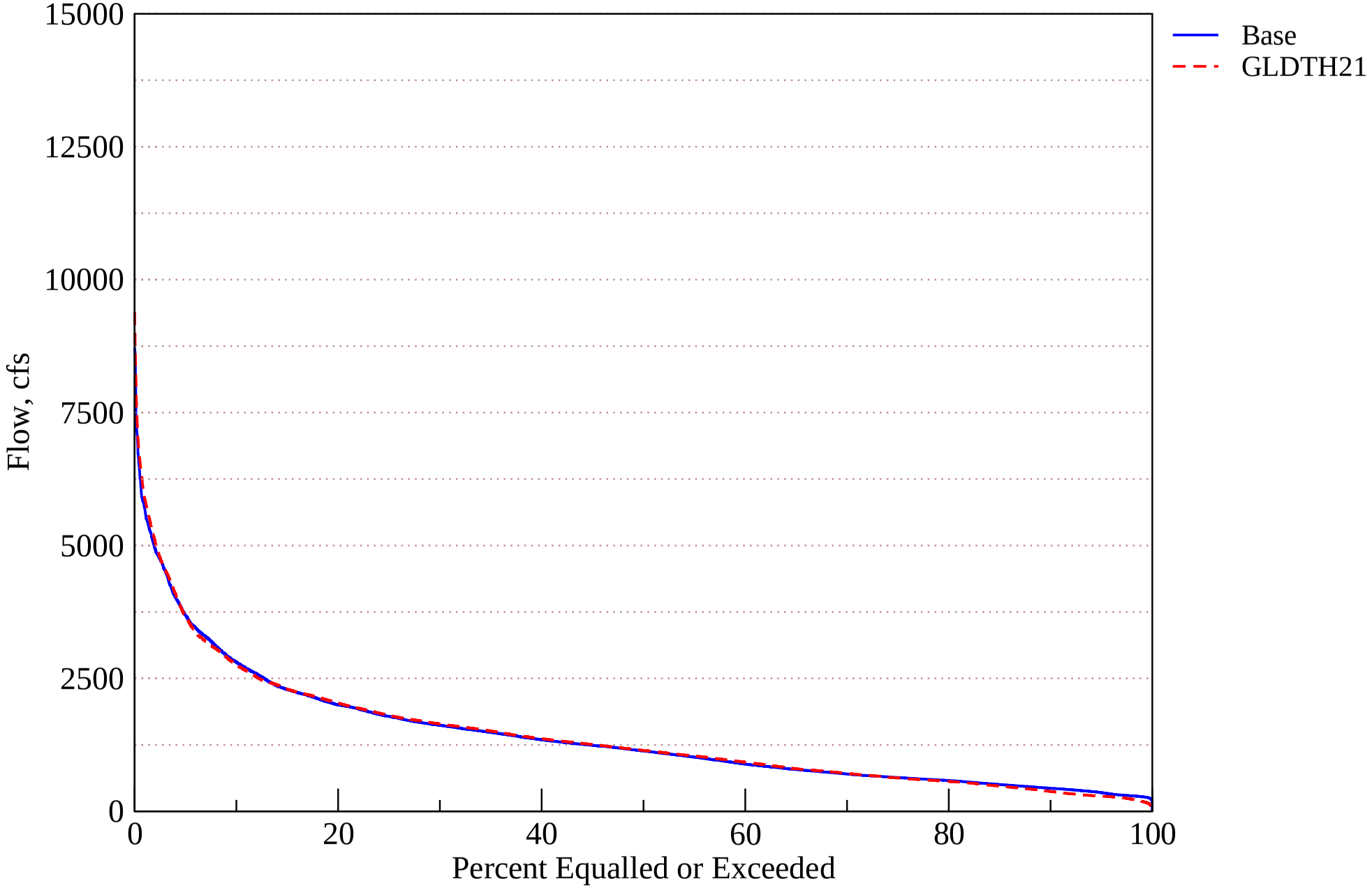


Flow Hydrograph at S65E



Flow Duration Curve for Kissimmee River

S65E



Evaluation Performance Measure Score for XS05 and XS09

R-02. Kissimmee River Stage Hydrograph / Floodplain Hydroperiod

Alternative Description : GLDTH21_HWrapper

Run ID : GLDTH21

Evaluation Component	Target		Base		Calculated Component Value		Utility Value		Component Weight	Component Score	
	XS05	XS09	XS05	XS09	XS05	XS09	XS05	XS09		XS05	XS09
A. Percent of water years (May 1- April 30) in the simulation where the floodplain inundation is greater than or equal to + 1.0 ft for 210 or more days.	75.0	75.0	45.0	25.0	55.0	32.5	0.16	0.10	60	0.10	0.06
B. Mean intra-annual river channel stage fluctuation per calendar year (feet).	2.9	3.8	3.3	3.5	4.9	4.4	0.39	0.94	20	0.08	0.19
C. Standard deviation of intra-annual (calendar year based) stage fluctuations (feet).	1.2	1.4	1.0	1.4	1.5	2.1	1.00	0.68	20	0.20	0.14
									PM Score	**0.37**	**0.38**
									Location Weights	**50**	**50**
									PM Composite Score	**0.38**	

Evaluation Performance Measure Score for XS05 and XS09

R-03. Kissimmee River Stage Recession / Ascension

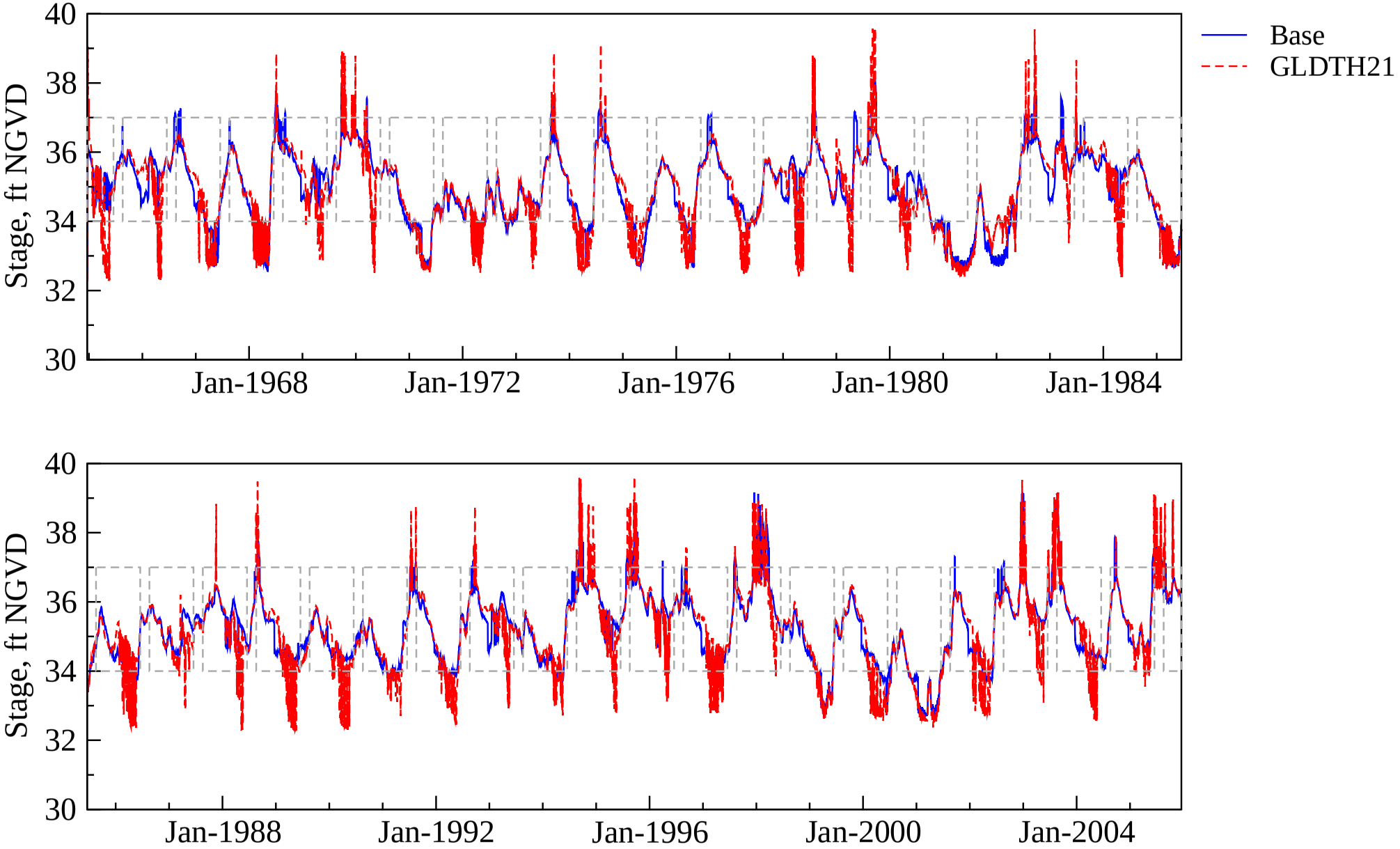
Alternative Description : GLDTH21_HWrapper

Run ID : GLDTH21

Evaluation Component	Target		Base		Calculated Component Value		Utility Value		Component Weight	Component Score	
	XS05	XS09	XS05	XS09	XS05	XS09	XS05	XS09		XS05	XS09
A. Percent of years with a stage recession event of 173 days or more during September – June with an overall recession rate ≤ 1.0 feet/30 days (%)	65.0	59.0	57.5	60.0	87.5	70.0	1.00	1.00	60	0.60	0.60
B. Percent of years with stage reversals > 0.5 feet during December – June	41.0	24.0	32.5	32.5	52.5	40.0	0.19	0.17	20	0.04	0.03
C. Percent of years with a stage ascension event of 78 days or more during May – October with an overall ascension rate ≤ 2.7 feet/30 days (%)	53.0	56.0	35.0	42.5	62.5	37.5	1.00	0.18	20	0.20	0.04
									PM Score	**0.84**	**0.67**
									Location Weights	**50**	**50**
									PM Composite Score	**0.75**	

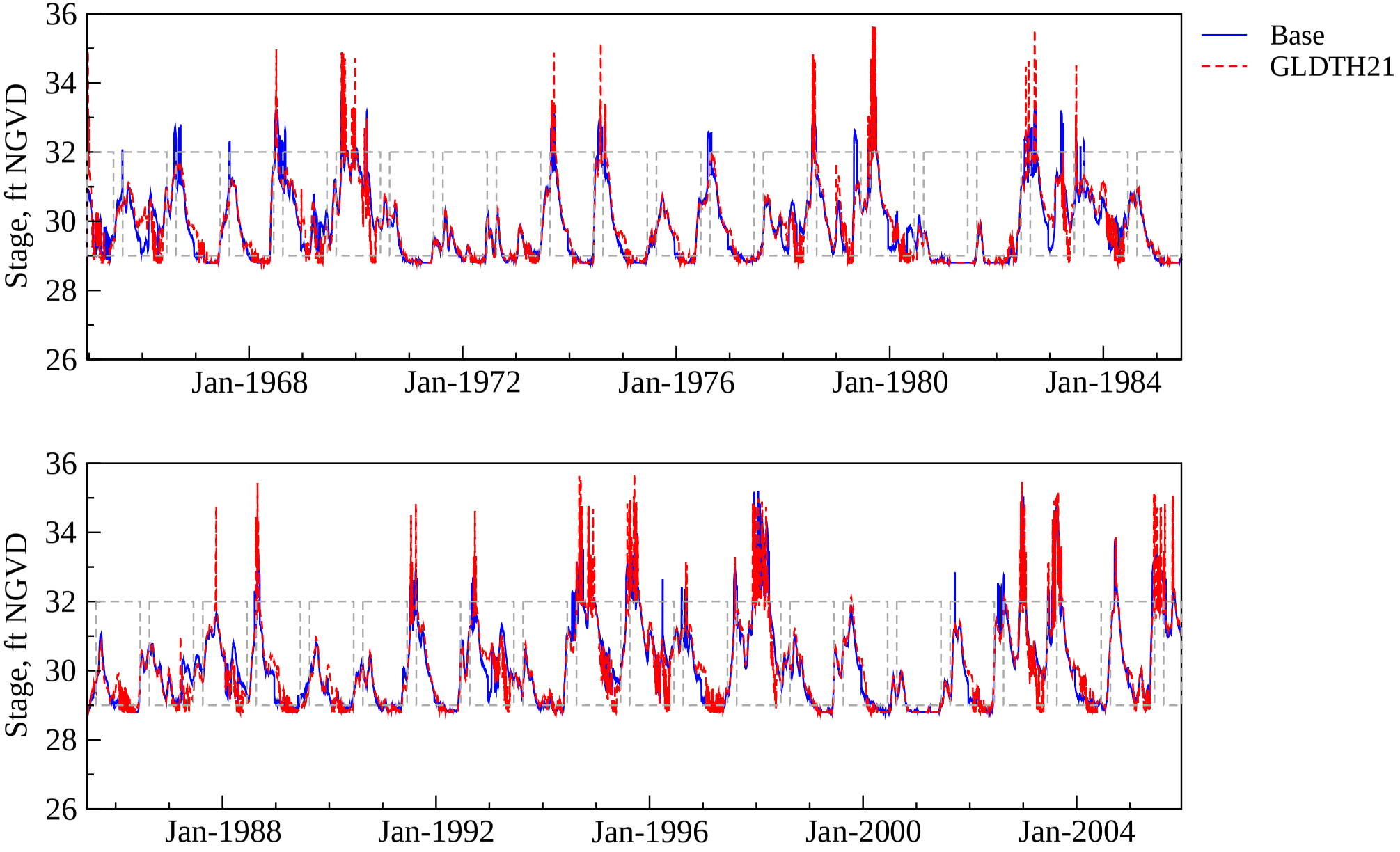
XS-05 Stage Hydrograph

with recession windows

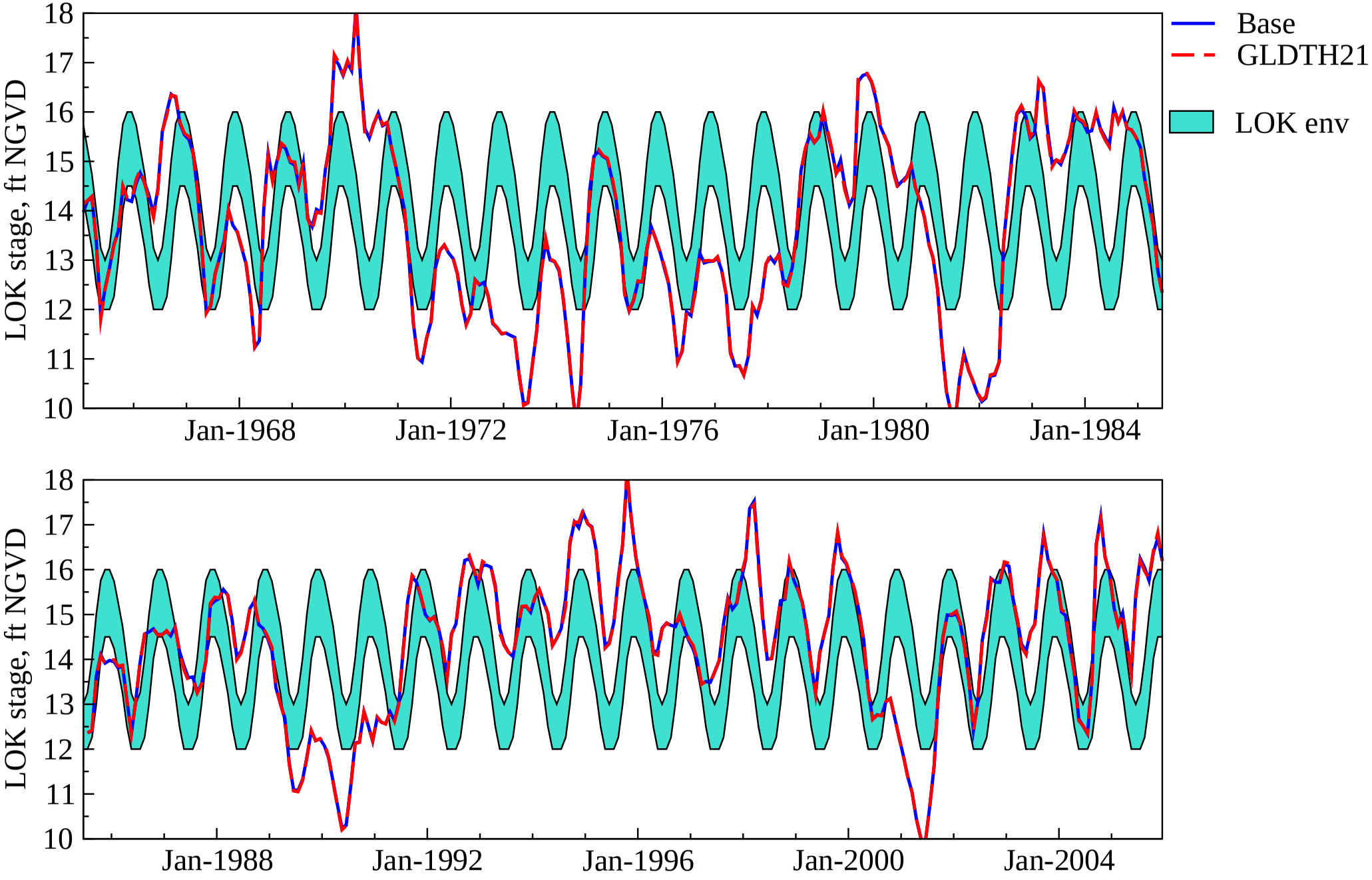


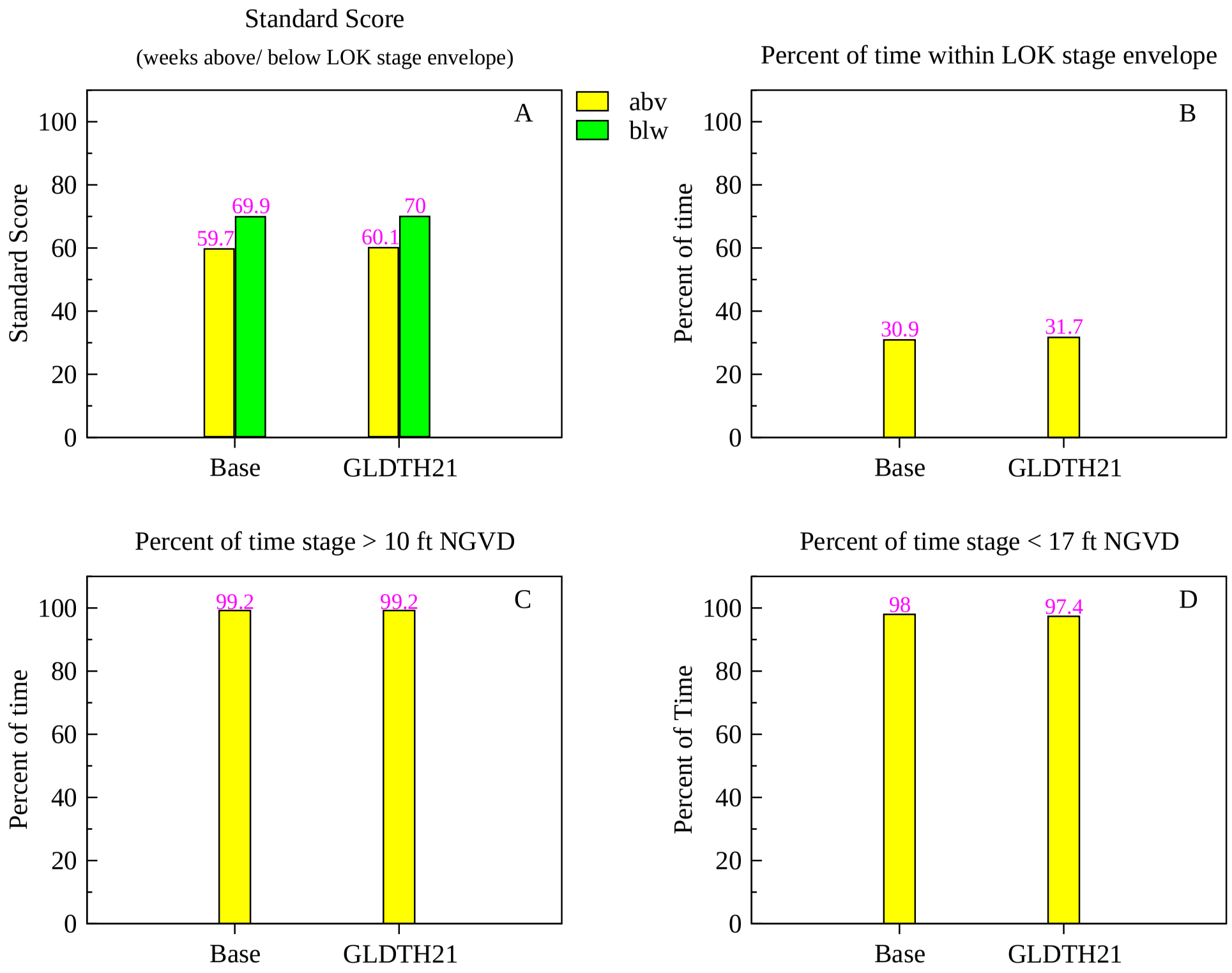
XS-09 Stage Hydrograph

with recession windows



I-05. Impacts of S65E inflows to Lake Okeechobee stage




Standard Score
(weeks above/ below LOK stage envelope)
A
abv
blw
Standard Score
100
80
60
40
20
0
69.9
59.7
70
60.1
Base
GLDTH21
Percent of time within LOK stage envelope
B
Percent of time
30.9
31.7
Percent of time stage > 10 ft NGVD
C
Percent of time
99.2
99.2
Percent of time stage < 17 ft NGVD
D
Percent of Time
98
97.4