

SUMMARY OF HYDROLOGIC CONDITION ENGAGEMENT ANALYSIS

USING BBEST IMPLEMENTATION APPROACH FOR SITES WITH LSWP BASED RECOMMENDATIONS (BASTROP, COLUMBUS, WHARTON)

CL BBEST / BBASC August 9, 2011

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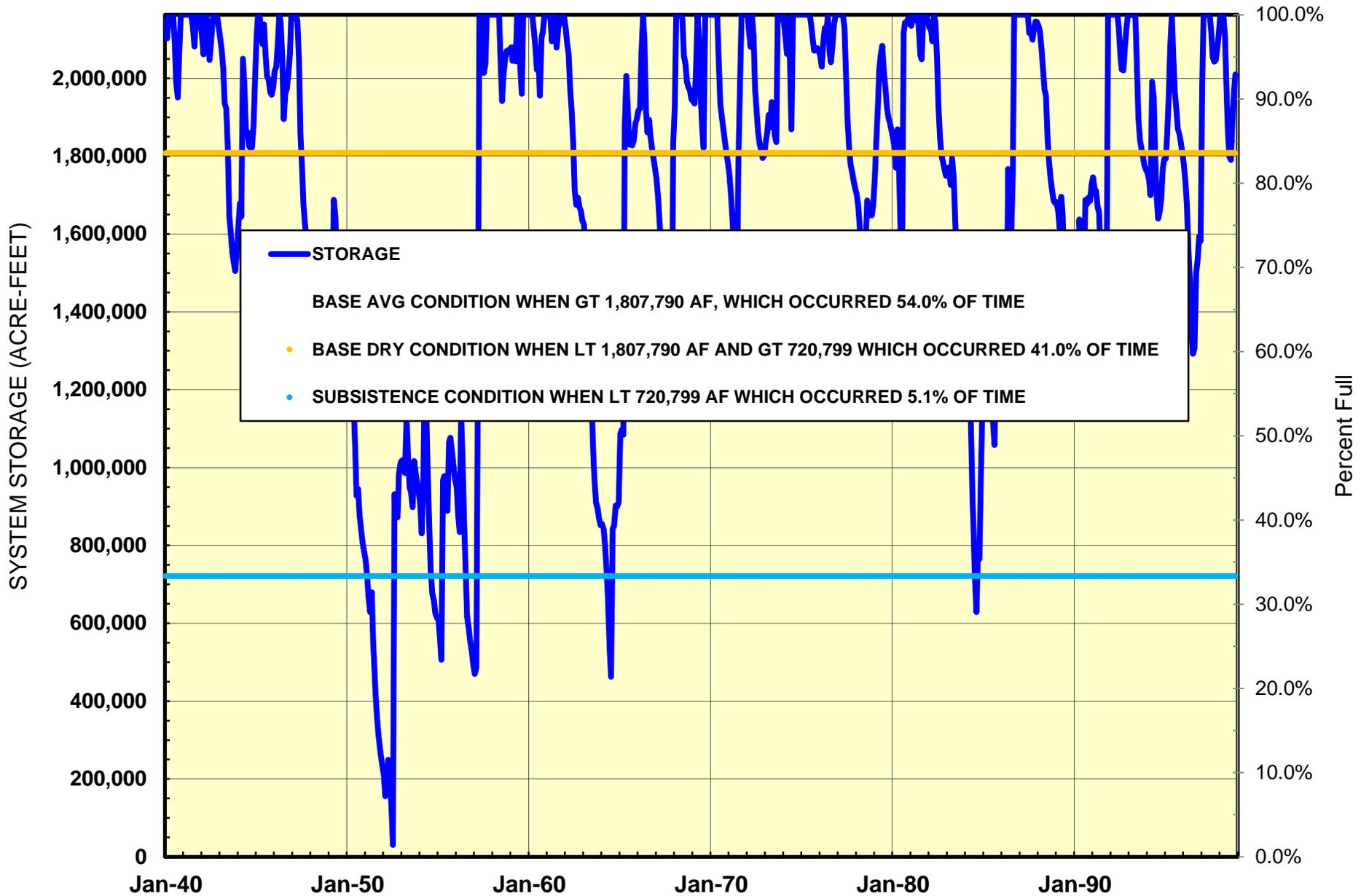
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PAGE #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	DATA USED TO DEVELOP STORAGE TRIGGERS						RESULTING TRIGGERS (BASED CONTENT IN LCRA SYSTEM FOR PREVIOUS MONTH; IN ACRE-FEET)					
	SOURCE DATA	HYDRO CONCEPT	CONSERV. STORAGE (acre-feet)	TYPE	PERIOD OF RECORD	BASE AVERAGE TRIGGER		BASE DRY TRIGGER		SUBSISTENCE TRIGGER		
						GOAL; 50% OF TIME		GOAL; 45% OF TIME		GOAL; 5% OF TIME		
					ENGAGED WHEN GREATER THAN:	% OF TIME ENGAGED	ENGAGED WHEN BETWEEN:	% OF TIME ENGAGED	ENGAGED WHEN LESS THAN:	% OF TIME ENGAGED		
	LCRA SYSTEM STORAGE (BUCHANAN + TRAVIS)											
(1)	TCEQ RUN3	STORAGE	2,163,227	SIM	1940-1998	1,807,791	54.0%	1,807,791 AND 720,800	41.0%	720,800	5.1%	
(2)	TCEQ RUN8	STORAGE	2,021,037	SIM	1940-1998	1,896,735	52.1%	1,896,735 AND 1,353,538	42.9%	1,353,538	4.9%	
(3)	LCRA-WMP WAM (2010 BL)	STORAGE	1,964,429	SIM	1940-2009	1,672,179	54.5%	1,672,179 AND 782,878	39.6%	782,878	5.8%	
(4)	LCRA-WMP WAM (2010 BL)	STORAGE	1,964,429	SIM	1980-2009	1,662,436	54.8%	1,662,436 AND 1,109,594	40.7%	1,109,594	4.4%	
(5)	LCRA STAFF	STORAGE	2,010,544	HIST	1980-2010	1,737,462	52.5%	1,737,462 AND 1,103,702	41.8%	1,103,702	5.6%	

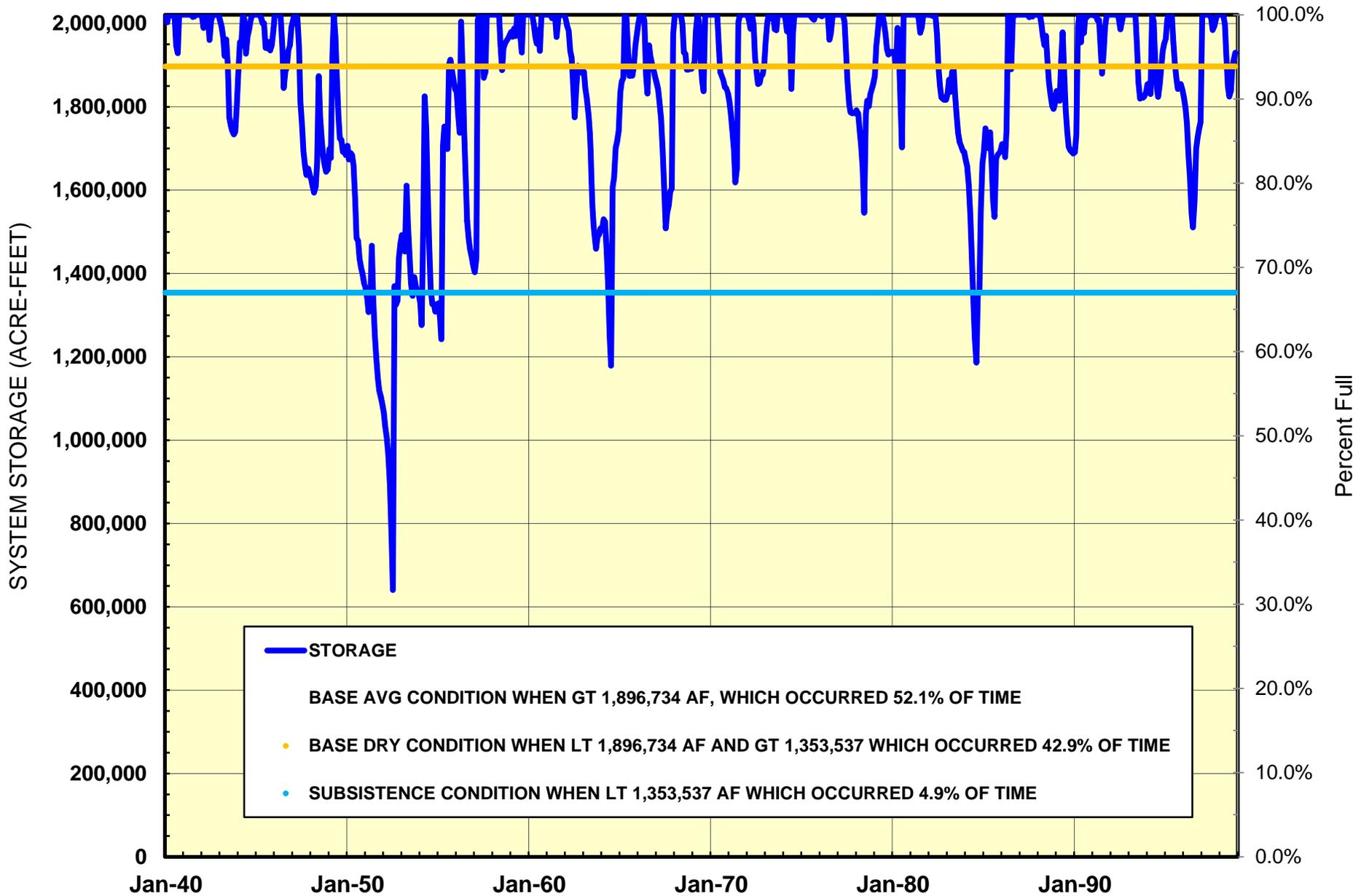
KAF Volume in Thousand Acre-Feet
 MSL Elevation Referenced to Mean Sea Le
 STO Storage
 ELEV Elevation

 SIMULATED RESULTS FROM WAM USED TO DEVELOP TRIGGERS.
 HISTORICAL INFORMATION USED TO DEVELOP TRIGGERS.

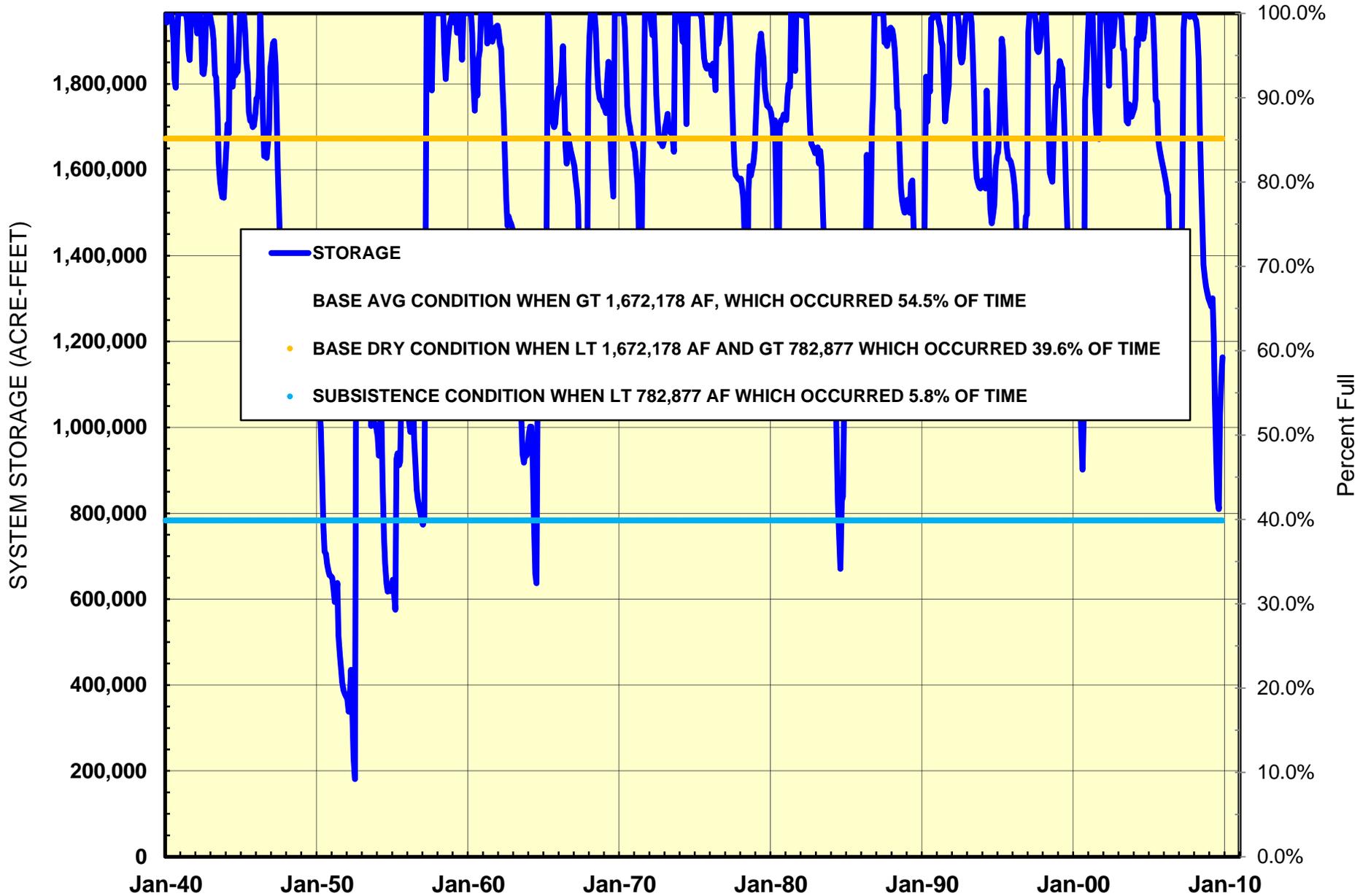
LCRA SYSTEM SIMULATED STORAGE FOR 1940-1998 (TCEQ RUN3) BBEST HYDROLOGIC CONDITION ENGAGEMENTS FOR LSWP BASED FLOWS



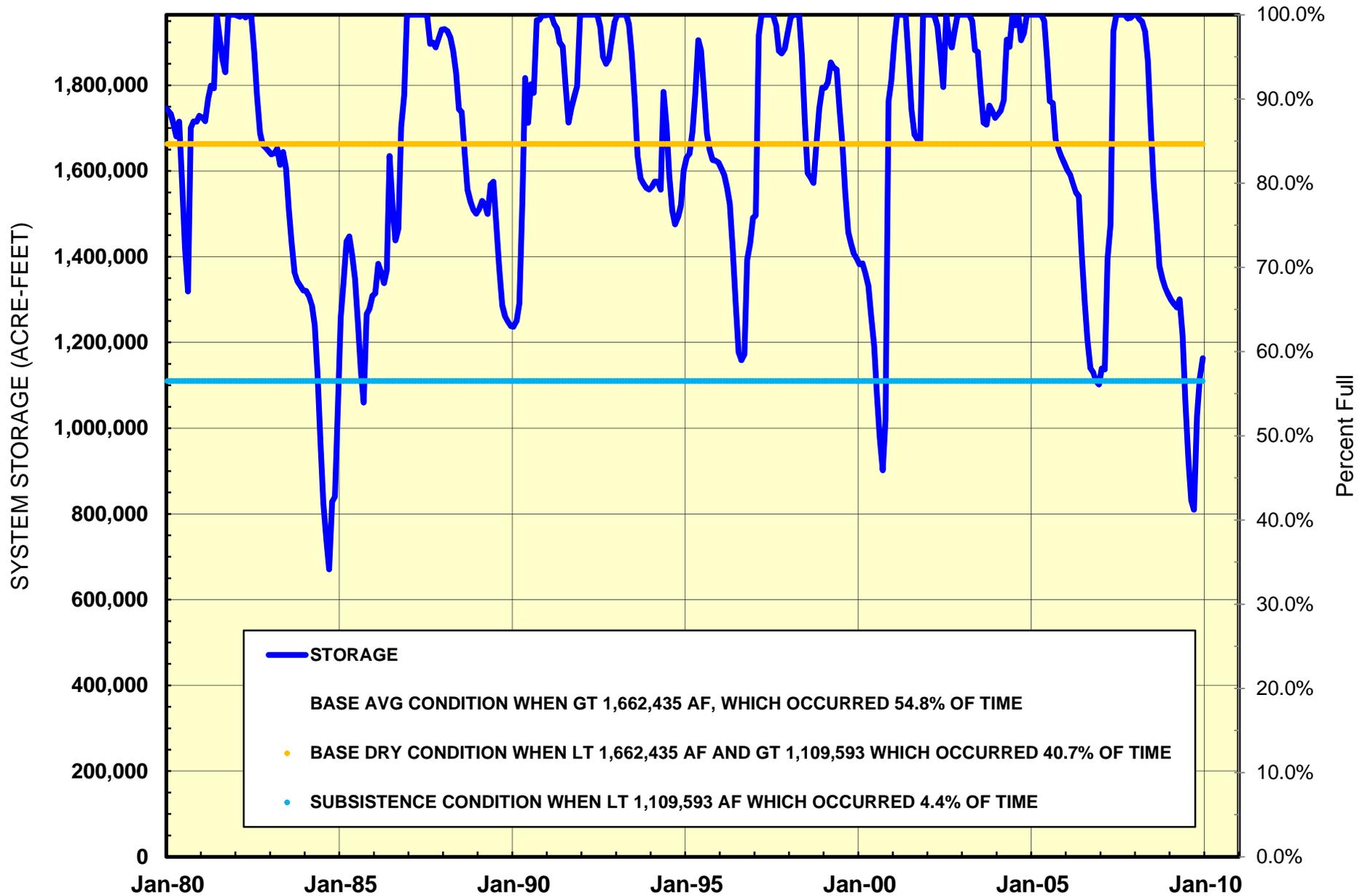
LCRA SYSTEM SIMULATED STORAGE FOR 1940-1998 (TCEQ RUN8) BBEST HYDROLOGIC CONDITION ENGAGEMENTS FOR LSWP BASED FLOWS



**LCRA SYSTEM SIMULATED STORAGE FOR 1940-2009 (LCRA WMP WAM-2010 BL)
 BBEST HYDROLOGIC CONDITION ENGAGEMENTS FOR LSWP BASED FLOWS**



**LCRA SYSTEM SIMULATED STORAGE FOR 1980-2009 (LCRA WMP WAM-2010 BL)
BBEST HYDROLOGIC CONDITION ENGAGEMENTS FOR LSWP BASED FLOWS**



LCRA SYSTEM HISTORICAL STORAGE FOR 1980-2010 (LCRA STAFF) BBEST HYDROLOGIC CONDITION ENGAGEMENTS FOR LSWP BASED FLOWS

