

TDWR/SPG Elevation Angles
TDWR Build 1 vs Build 2

Site Mnemonic	WFO ID	TDWR Build	Mode VCP	LR	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12	E13	E14	E15	E16	E17	E18	E19	E20	E21	E22	E23
TADW	LWX	1	HAZ/80	0.6	0.3	1.0	2.7	5.6	0.3	8.5	13.5	19.5	0.3	28.3	42.5	2.7	0.3	5.6	8.5	13.5	0.3	19.5	28.3	42.5	0.3	
		1	MON/90	0.6	0.3	1.0	2.7	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.3	0.3	1.0	2.7	5.6	0.3	8.5	13.5	19.5	0.3	28.3	42.5	1.0	0.3	2.7	5.6	8.5	0.3	13.5	19.5	28.3	0.3	42.5
		2	MON/90	0.3	0.3	1.0	2.7	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TATL	FFC	1	HAZ/80	0.6	0.3	1.0	2.4	4.9	0.3	7.4	11.5	15.9	0.3	22.1	31.1	2.4	0.3	4.9	7.4	11.5	0.3	15.9	22.1	31.1	0.3	
		1	MON/90	0.6	0.3	1.0	2.4	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.3	0.3	1.0	2.4	4.9	0.3	7.4	11.5	15.9	0.3	22.1	31.1	1.0	0.3	2.4	4.9	7.4	0.3	11.5	15.9	22.1	0.3	31.1
		2	MON/90	0.3	0.3	1.0	2.4	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TBNA	OHX	1	HAZ/80	0.6	0.4	1.0	2.2	4.7	0.4	7.1	10.7	14.4	0.4	19.5	26.5	2.2	0.4	4.7	7.1	10.7	0.4	14.4	19.5	26.5	0.4	
		1	MON/90	0.6	0.4	1.0	2.2	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.4	0.4	1.0	2.2	4.7	0.4	7.1	10.7	14.4	0.4	19.5	26.5	1.0	0.4	2.2	4.7	7.1	0.4	10.7	14.4	19.5	0.4	26.5
		2	MON/90	0.4	0.4	1.0	2.2	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TBOS	BOX	1	HAZ/80	0.6	0.3	1.0	1.6	3.5	0.3	5.4	8.0	10.9	0.3	14.8	20.1	1.6	0.3	3.5	5.4	8.0	0.3	10.9	14.8	20.1	0.3	
		1	MON/90	0.6	0.3	1.0	1.6	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.3	0.3	1.0	1.6	3.5	0.3	5.4	8.0	10.9	0.3	14.8	20.1	1.0	0.3	1.6	3.5	5.4	0.3	8.0	10.9	14.8	0.3	20.1
		2	MON/90	0.3	0.3	1.0	1.6	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TBWI	LWX	1	HAZ/80	0.6	0.5	1.0	3.3	6.6	0.5	10.0	13.4	19.4	0.5	28.1	42.0	3.3	0.5	6.6	10.0	13.4	0.5	19.4	28.1	42.0	0.5	
		1	MON/90	0.6	0.5	1.0	3.3	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.5	0.5	1.0	3.3	6.6	0.5	10.0	13.4	19.4	0.5	28.1	42.0	1.0	0.5	3.3	6.6	10.0	0.5	13.4	19.4	28.1	0.5	42.0
		2	MON/90	0.5	0.5	1.0	3.3	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TCLT	GSP	1	HAZ/80	0.6	0.2	1.0	2.4	5.0	0.2	7.7	11.5	15.6	0.2	21.2	29.1	2.4	0.2	5.0	7.7	11.5	0.2	15.6	21.2	29.1	0.2	
		1	MON/90	0.6	0.2	1.0	2.4	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.2	0.2	1.0	2.4	5.0	0.2	7.7	11.5	15.6	0.2	21.2	29.1	1.0	0.2	2.4	5.0	7.7	0.2	11.5	15.6	21.2	0.2	29.1
		2	MON/90	0.2	0.2	1.0	2.4	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TCMH	ILN	1	HAZ/80	0.6	0.1	1.0	2.2	4.8	0.1	7.4	11.4	15.6	0.1	21.5	29.8	2.2	0.1	4.8	7.4	11.4	0.1	15.6	21.5	29.8	0.1	
		1	MON/90	0.6	0.1	1.0	2.2	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.1	0.1	1.0	2.2	4.8	0.1	7.4	11.4	15.6	0.1	21.5	29.8	1.0	0.1	2.2	4.8	7.4	0.1	11.4	15.6	21.5	0.1	29.8
		2	MON/90	0.1	0.1	1.0	2.2	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TCVG	ILN	1	HAZ/80	0.6	0.1	1.0	2.1	4.4	0.1	6.6	10.2	13.9	0.1	19.0	26.1	2.1	0.1	4.4	6.6	10.2	0.1	13.9	19.0	26.1	0.1	
		1	MON/90	0.6	0.1	1.0	2.1	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.1	0.1	1.0	2.1	4.4	0.1	6.6	10.2	13.9	0.1	19.0	26.1	1.0	0.1	2.1	4.4	6.6	0.1	10.2	13.9	19.0	0.1	26.1
		2	MON/90	0.1	0.1	1.0	2.1	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TDAL	FWD	1	HAZ/80	0.6	0.5	1.0	3.1	6.3	0.5	9.5	13.5	18.1	0.5	24.6	33.7	3.1	0.5	6.3	9.5	13.5	0.5	18.1	24.6	33.7	0.5	
		1	MON/90	0.6	0.5	1.0	3.1	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.5	0.5	1.0	3.1	6.3	0.5	9.5	13.5	18.1	0.5	24.6	33.7	1.0	0.5	3.1	6.3	9.5	0.5	13.5	18.1	24.6	0.5	33.7
		2	MON/90	0.5	0.5	1.0	3.1	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TDAY	ILN	1	HAZ/80	0.6	0.3	1.0	2.4	4.9	0.3	7.4	10.8	14.5	0.3	19.4	26.1	2.4	0.3	4.9	7.4	10.8	0.3	14.5	19.4	26.1	0.3	
		1	MON/90	0.6	0.3	1.0	2.4	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.3	0.3	1.0	2.4	4.9	0.3	7.4	10.8	14.5	0.3	19.4	26.1	1.0	0.3	2.4	4.9	7.4	0.3	10.8	14.5	19.4	0.3	26.1
		2	MON/90	0.3	0.3	1.0	2.4	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TDCA	LWX	1	HAZ/80	0.6	0.3	1.0	2.6	5.7	0.3	8.7	11.7	17.2	0.3	25.1	37.7	2.6	0.3	5.7	8.7	11.7	0.3	17.2	25.1	37.7	0.3	
		1	MON/90	0.6	0.3	1.0	2.6	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.3	0.3	1.0	2.6	5.7	0.3	8.7	11.7	17.2	0.3	25.1	37.7	1.0	0.3	2.6	5.7	8.7	0.3	11.7	17.2	25.1	0.3	37.7
		2	MON/90	0.3	0.3	1.0	2.6	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TDEN	BOU	1	HAZ/80	0.6	0.3	1.0	2.5	5.2	0.3	8.0	10.8	13.9	0.3	18.2	24.0	2.5	0.3	5.2	8.0	10.8	0.3	13.9	18.2	24.0	0.3	
		1	MON/90	0.6	0.3	1.0	2.5	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.3	0.3	1.0	2.5	5.2	0.3	8.0	10.8	13.9	0.3	18.2	24.0	1.0	0.3	2.5	5.2	8.0	0.3	10.8	13.9	18.2	0.3	24.0
		2	MON/90	0.3	0.3	1.0	2.5	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TDWF	FWD	1	HAZ/80	0.6	0.4	1.0	1.8	3.8	0.4	5.7	7.7	10.7	0.4	14.7	20.1	1.8	0.4	3.8	5.7	7.7	0.4	10.7	14.7	20.1	0.4	
		1	MON/90	0.6	0.4	1.0	1.8	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.4	0.4	1.0	1.8	3.8	0.4	5.7	7.7	10.7	0.4	14.7	20.1	1.0	0.4	1.8	3.8	5.7	0.4	7.7	10.7	14.7	0.4	20.1
		2	MON/90	0.4	0.4	1.0	1.8	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							
TDTW	DTX	1	HAZ/80	0.6	0.1	1.0	2.1	4.4	0.1	6.7	10.0	13.7	0.1	18.9	26.1	2.1	0.1	4.4	6.7	10.0	0.1	13.7	18.9	26.1	0.1	
		1	MON/90	0.6	0.1	1.0	2.1	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0							
		2	HAZ/80	0.1	0.1	1.0	2.1	4.4	0.1	6.7	10.0	13.7	0.1	18.9	26.1	1.0	0.1	2.1	4.4	6.7	0.1	10.0	13.7	18.9	0.1	26.1
		2	MON/90	0.1	0.1	1.0	2.1	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0							

TDWR/SPG Elevation Angles
TDWR Build 1 vs Build 2

Site Mnemonic	WFO ID	TDWR Build	Mode VCP	LR	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12	E13	E14	E15	E16	E17	E18	E19	E20	E21	E22	E23		
TEWR	OKX	1	HAZ/80	0.6	0.3	1.0	2.7	5.6	0.3	8.4	12.9	17.8	0.3	24.6	34.6	2.7	0.3	5.6	8.4	12.9	0.3	17.8	24.6	34.6	0.3			
			MON/90	0.6	0.3	1.0	2.7	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.3	0.3	1.0	2.7	5.6	0.3	8.4	12.9	17.8	0.3	24.6	34.6	1.0	0.3	2.7	5.6	8.4	0.3	12.9	17.8	24.6	0.3	34.6	
			MON/90	0.3	0.3	1.0	2.7	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0									
TFLL	MFL	1	HAZ/80	0.6	0.3	1.0	1.9	4.0	0.3	6.1	8.3	11.3	0.3	15.1	20.1	1.9	0.3	4.0	6.1	8.3	0.3	11.3	15.1	20.1	0.3			
			MON/90	0.6	0.3	1.0	1.9	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.3	0.3	1.0	1.9	4.0	0.3	6.1	8.3	11.3	0.3	15.1	20.1	1.0	0.3	1.9	4.0	6.1	0.3	8.3	11.3	15.1	0.3	20.1	
			MON/90	0.3	0.3	1.0	1.9	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0									
THOU	HGX	1	HAZ/80	0.6	0.2	1.0	2.6	5.3	0.2	8.0	11.9	15.8	0.2	21.1	28.4	2.6	0.2	5.3	8.0	11.9	0.2	15.8	21.1	28.4	0.2			
			MON/90	0.6	0.2	1.0	2.6	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.2	0.2	1.0	2.6	5.3	0.2	8.0	11.9	15.8	0.2	21.1	28.4	1.0	0.2	2.6	5.3	8.0	0.2	11.9	15.8	21.1	0.2	28.4	
			MON/90	0.2	0.2	1.0	2.6	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0									
TIAD	LWX	1	HAZ/80	0.6	0.3	1.0	2.1	4.4	0.3	6.7	10.3	14.1	0.3	19.4	26.9	2.1	0.3	4.4	6.7	10.3	0.3	14.1	19.4	26.9	0.3			
			MON/90	0.6	0.3	1.0	2.1	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.3	0.3	1.0	2.1	4.4	0.3	6.7	10.3	14.1	0.3	19.4	26.9	1.0	0.3	2.1	4.4	6.7	0.3	10.3	14.1	19.4	0.3	26.9	
			MON/90	0.3	0.3	1.0	2.1	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0									
TIAH	HGX	1	HAZ/80	0.6	0.1	1.0	1.6	3.3	0.1	5.1	7.8	10.7	0.1	14.6	20.1	1.6	0.1	3.3	5.1	7.8	0.1	10.7	14.6	20.1	0.1			
			MON/90	0.6	0.1	1.0	1.6	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.1	0.1	1.0	1.6	3.3	0.1	5.1	7.8	10.7	0.1	14.6	20.1	1.0	0.1	1.6	3.3	5.1	0.1	7.8	10.7	14.6	0.1	20.1	
			MON/90	0.1	0.1	1.0	1.6	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0									
TICH	ICT	1	HAZ/80	0.6	0.2	1.0	2.4	4.9	0.2	7.4	11.1	14.8	0.2	19.8	26.7	2.4	0.2	4.9	7.4	11.1	0.2	14.8	19.8	26.7	0.2			
			MON/90	0.6	0.2	1.0	2.4	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.2	0.2	1.0	2.4	4.9	0.2	7.4	11.1	14.8	0.2	19.8	26.7	1.0	0.2	2.4	4.9	7.4	0.2	11.1	14.8	19.8	0.2	26.7	
			MON/90	0.2	0.2	1.0	2.4	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0									
TIDS	IND	1	HAZ/80	0.6	0.3	1.0	2.5	5.1	0.3	7.8	12.1	17.2	0.3	24.5	35.7	2.5	0.3	5.1	7.8	12.1	0.3	17.2	24.5	35.7	0.3			
			MON/90	0.6	0.3	1.0	2.5	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.3	0.3	1.0	2.5	5.1	0.3	7.8	12.1	17.2	0.3	24.5	35.7	1.0	0.3	2.5	5.1	7.8	0.3	12.1	17.2	24.5	0.3	35.7	
			MON/90	0.3	0.3	1.0	2.5	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0									
TJFK	OKX	1	HAZ/80	0.6	0.5	1.0	2.8	5.7	0.5	8.7	11.6	17.7	0.5	27.3	44.0	2.8	0.5	5.7	8.7	11.6	0.5	17.7	27.3	44.0	0.5			
			MON/90	0.6	0.5	1.0	2.8	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.5	0.5	1.0	2.8	5.7	0.5	8.7	11.6	17.7	0.5	27.3	44.0	1.0	0.5	2.8	5.7	8.7	0.5	11.6	17.7	27.3	0.5	44.0	
			MON/90	0.5	0.5	1.0	2.8	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0									
TLAS	VEF	1	HAZ/80	0.6	0.8	1.0	3.4	6.9	0.8	10.4	13.9	17.6	0.8	22.8	29.8	3.4	0.8	6.9	10.4	13.9	0.8	17.6	22.8	29.8	0.8			
			MON/90	0.6	0.8	1.0	3.4	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.8	0.8	1.0	3.4	6.9	0.8	10.4	13.9	17.6	0.8	22.8	29.8	1.0	0.8	3.4	6.9	10.4	0.8	13.9	17.6	22.8	0.8	29.8	
			MON/90	0.8	0.8	1.0	3.4	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0									
TLVE	CLE	1	HAZ/80	0.6	0.2	1.0	2.1	4.3	0.2	6.6	9.7	12.8	0.2	17.0	22.6	2.1	0.2	4.3	6.6	9.7	0.2	12.8	17.0	22.6	0.2			
			MON/90	0.6	0.2	1.0	2.1	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.2	0.2	1.0	2.1	4.3	0.2	6.6	9.7	12.8	0.2	17.0	22.6	1.0	0.2	2.1	4.3	6.6	0.2	9.7	12.8	17.0	0.2	22.6	
			MON/90	0.2	0.2	1.0	2.1	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0									
TMCI	EAX	1	HAZ/80	0.6	0.3	1.0	1.8	3.7	0.3	5.6	8.4	11.2	0.3	15.0	20.1	1.8	0.3	3.7	5.6	8.4	0.3	11.2	15.0	20.1	0.3			
			MON/90	0.6	0.3	1.0	1.8	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.3	0.3	1.0	1.8	3.7	0.3	5.6	8.4	11.2	0.3	15.0	20.1	1.0	0.3	1.8	3.7	5.6	0.3	8.4	11.2	15.0	0.3	20.1	
			MON/90	0.3	0.3	1.0	1.8	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0									
TMCO	MLB	1	HAZ/80	0.6	0.3	1.0	3.3	6.6	0.3	10.0	13.4	16.8	0.3	29.9	60.0	3.3	0.3	6.6	10.0	13.4	0.3	16.8	29.9	60.0	0.3			
			MON/90	0.6	0.3	1.0	3.3	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.3	0.3	1.0	3.3	6.6	0.3	10.0	13.4	16.8	0.3	29.8	55.0	1.0	0.3	3.3	6.6	10.0	0.3	13.4	16.8	29.9	0.3	55.0	
			MON/90	0.3	0.3	1.0	3.3	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0									
TMDW	LOT	1	HAZ/80	0.6	0.3	1.0	2.6	5.3	0.3	8.1	10.9	13.8	0.3	17.7	23.3	2.6	0.3	5.3	8.1	10.9	0.3	13.8	17.8	23.3	0.3			
			MON/90	0.6	0.3	1.0	2.6	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0									
			2	HAZ/80	0.3	0.3	1.0	2.6	5.3	0.3	8.1	10.9	13.8	0.3	17.8	23.3	1.0	0.3	2.6	5.3	8.1	0.3	10.9	13.8	17.8	0.3	23.3	
			MON/90	0.3	0.3	1.0	2.6	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0												

TDWR/SPG Elevation Angles
TDWR Build 1 vs Build 2

Site Mnemonic	WFO ID	TDWR Build	Mode VCP	LR	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12	E13	E14	E15	E16	E17	E18	E19	E20	E21	E22	E23	
TMIA	MFL	1	HAZ/80	0.6	0.2	1.0	1.9	3.9	0.2	5.9	8.8	11.8	0.2	15.8	21.2	1.9	0.2	3.9	5.9	8.8	0.2	11.8	15.8	21.2	0.2		
		1	MON/90	0.6	0.2	1.0	1.9	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.2	0.2	1.0	1.9	3.9	0.2	5.9	8.8	11.8	0.2	15.8	21.2	1.0	0.2	1.9	3.9	5.9	0.2	8.8	11.8	15.8	0.2	21.2	
		2	MON/90	0.2	0.2	1.0	1.9	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TMKE	MKX	1	HAZ/80	0.6	0.3	1.0	2.0	4.3	0.3	6.5	8.8	12.1	0.3	16.0	21.3	2.0	0.3	4.3	6.5	8.8	0.3	12.1	16.0	21.3	0.3		
		1	MON/90	0.6	0.3	1.0	2.0	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.3	0.3	1.0	2.0	4.3	0.3	6.5	8.8	12.1	0.3	16.0	21.3	1.0	0.3	2.0	4.3	6.5	0.3	8.8	12.1	16.0	0.3	21.3	
		2	MON/90	0.3	0.3	1.0	2.0	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TMSP	MPX	1	HAZ/80	0.6	0.3	1.0	1.7	3.7	0.3	5.6	8.4	11.3	0.3	15.0	20.1	1.7	0.3	3.7	5.6	8.4	0.3	11.3	15.0	20.1	0.3		
		1	MON/90	0.6	0.3	1.0	1.7	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.3	0.3	1.0	1.7	3.7	0.3	5.6	8.4	11.3	0.3	15.0	20.1	1.0	0.3	1.7	3.7	5.6	0.3	8.4	11.3	15.0	0.3	20.1	
		2	MON/90	0.3	0.3	1.0	1.7	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TMSY	LIX	1	HAZ/80	0.6	0.3	1.0	2.7	5.5	0.3	8.3	11.1	16.4	0.3	24.7	38.3	2.7	0.3	5.5	8.3	11.1	0.3	16.4	24.7	38.3	0.3		
		1	MON/90	0.6	0.3	1.0	2.7	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.3	0.3	1.0	2.7	5.5	0.3	8.3	11.1	16.4	0.3	24.7	38.3	1.0	0.3	2.7	5.5	8.3	0.3	11.1	16.4	24.7	0.3	38.3	
		2	MON/90	0.3	0.3	1.0	2.7	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TOKC	OUN	1	HAZ/80	0.6	0.5	1.0	2.5	5.1	0.5	7.7	11.3	15.3	0.5	20.7	28.2	2.5	0.5	5.1	7.7	11.3	0.5	15.3	20.7	28.2	0.5		
		1	MON/90	0.6	0.5	1.0	2.5	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.5	0.5	1.0	2.5	5.1	0.5	7.7	11.3	15.3	0.5	20.7	28.2	1.0	0.5	2.5	5.1	7.7	0.5	11.3	15.3	20.7	0.5	28.2	
		2	MON/90	0.5	0.5	1.0	2.5	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TORD	LOT	1	HAZ/80	0.6	0.3	1.0	1.9	3.9	0.3	5.9	8.7	11.5	0.3	15.2	20.1	1.9	0.3	3.9	5.9	8.7	0.3	11.5	15.2	20.1	0.3		
		1	MON/90	0.6	0.3	1.0	1.9	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.3	0.3	1.0	1.9	3.9	0.3	5.9	8.7	11.5	0.3	15.2	20.1	1.0	0.3	1.9	3.9	5.9	0.3	8.7	11.5	15.2	0.3	20.1	
		2	MON/90	0.3	0.3	1.0	1.9	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TPBI	LOT	1	HAZ/80	0.6	0.1	1.0	2.1	4.5	0.1	6.8	9.1	12.7	0.1	17.4	23.8	2.1	0.1	4.5	6.8	9.1	0.1	12.7	17.4	23.8	0.1		
		1	MON/90	0.6	0.1	1.0	2.1	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.1	0.1	1.0	2.1	4.5	0.1	6.8	9.1	12.7	0.1	17.4	23.8	1.0	0.1	2.1	4.5	6.8	0.1	9.1	12.7	17.4	0.1	23.8	
		2	MON/90	0.1	0.1	1.0	2.1	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TPHL	PHI	1	HAZ/80	0.6	0.4	1.0	2.0	4.3	0.4	6.5	8.7	12.7	0.4	18.3	26.8	2.0	0.4	4.3	6.5	8.7	0.4	12.7	18.3	26.8	0.4		
		1	MON/90	0.6	0.4	1.0	2.0	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.4	0.4	1.0	2.0	4.3	0.4	6.5	8.7	12.7	0.4	18.3	26.8	1.0	0.4	2.0	4.3	6.5	0.4	8.7	12.7	18.3	0.4	26.8	
		2	MON/90	0.4	0.4	1.0	2.0	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TPHX	PSR	1	HAZ/80	0.6	0.6	1.0	3.7	7.4	0.6	11.2	15.0	19.3	0.6	25.7	34.7	3.7	0.6	7.4	11.2	15.0	0.6	19.3	25.7	34.7	0.6		
		1	MON/90	0.6	0.6	1.0	3.7	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.6	0.6	1.0	3.7	7.4	0.6	11.2	15.0	19.3	0.6	25.7	34.7	1.0	0.6	3.7	7.4	11.2	0.6	15.0	19.3	25.7	0.6	34.7	
		2	MON/90	0.6	0.6	1.0	3.7	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TPIT	PBZ	1	HAZ/80	0.6	0.3	1.0	1.8	3.7	0.3	5.7	8.6	11.4	0.3	15.3	20.6	1.8	0.3	3.7	5.7	8.6	0.3	11.4	15.3	20.6	0.3		
		1	MON/90	0.6	0.3	1.0	1.8	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.3	0.3	1.0	1.8	3.7	0.3	5.7	8.6	11.4	0.3	15.3	20.6	1.0	0.3	1.8	3.7	5.7	0.3	8.6	11.4	15.3	0.3	20.6	
		2	MON/90	0.3	0.3	1.0	1.8	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TRDU	RAH	1	HAZ/80	0.6	0.3	1.0	2.3	4.8	0.3	7.2	10.9	14.8	0.3	20.3	27.9	2.3	0.3	4.8	7.2	10.9	0.3	14.8	20.3	27.9	0.3		
		1	MON/90	0.6	0.3	1.0	2.3	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.3	0.3	1.0	2.3	4.8	0.3	7.2	10.9	14.8	0.3	20.3	27.9	1.0	0.3	2.3	4.8	7.2	0.3	10.9	14.8	20.3	0.3	27.9	
		2	MON/90	0.3	0.3	1.0	2.3	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TSDF	LMK	1	HAZ/80	0.6	0.3	1.0	2.0	4.3	0.3	6.6	9.8	13.0	0.3	17.4	23.3	2.0	0.3	4.3	6.6	9.8	0.3	13.0	17.4	23.3	0.3		
		1	MON/90	0.6	0.3	1.0	2.0	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.3	0.3	1.0	2.0	4.3	0.3	6.6	9.8	13.0	0.3	17.4	23.3	1.0	0.3	2.0	4.3	6.6	0.3	9.8	13.0	17.4	0.3	23.3	
		2	MON/90	0.3	0.3	1.0	2.0	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TSJU	SIU	1	HAZ/80	0.6	0.3	1.0	2.0	4.2	0.3	6.4	8.6	11.7	0.3	15.6	20.9	2.0	0.3	4.2	6.4	8.6	0.3	11.7	15.6	20.9	0.3		
		1	MON/90	0.6	0.3	1.0	2.0	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.3	0.3	1.0	2.0	4.2	0.3	6.4	8.6	11.7	0.3	15.6	20.9	1.0	0.3	2.0	4.2	6.4	0.3	8.6	11.7	15.6	0.3	20.9	
		2	MON/90	0.3	0.3	1.0	2.0	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TSLC	SLC	1	HAZ/80	0.6	0.5	1.0	2.4	5.0	0.5	7.6	10.2	12.8	0.5	16.3	20.7	2.4	0.5	5.0	7.6	10.2	0.5	12.8	16.3	20.7	0.5		
		1	MON/90	0.6	0.5	1.0	2.4	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.5	0.5	1.0	2.4	5.0	0.5	7.6	10.2	12.8	0.5	16.3	20.7	1.0	0.5	2.4	5.0	7.6	0.5	10.2	12.8	16.3	0.5	20.7	
		2	MON/90	0.5	0.5	1.0	2.4	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								

TDWR/SPG Elevation Angles
TDWR Build 1 vs Build 2

Site Mnemonic	WFO ID	TDWR Build	Mode VCP	LR	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12	E13	E14	E15	E16	E17	E18	E19	E20	E21	E22	E23	
TSTL	LSX	1	HAZ/80	0.6	0.3	1.0	2.7	5.5	0.3	8.3	13.5	19.9	0.3	29.6	46.0	2.7	0.3	5.5	8.3	13.5	0.3	19.9	29.6	46.0	0.3		
		1	MON/90	0.6	0.3	1.0	2.7	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.3	0.3	1.0	2.7	5.5	0.3	8.3	13.5	19.9	0.3	29.6	46.0	1.0	0.3	2.7	5.5	8.3	0.3	13.5	19.9	29.6	0.3	46.0	
		2	MON/90	0.3	0.3	1.0	2.7	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TTPA	TBW	1	HAZ/80	0.6	0.3	1.0	2.7	5.5	0.3	8.3	13.1	18.9	0.3	27.6	41.5	2.7	0.3	5.5	8.3	13.1	0.3	18.9	27.6	41.5	0.3		
		1	MON/90	0.6	0.3	1.0	2.7	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.3	0.3	1.0	2.7	5.5	0.3	8.3	13.1	18.9	0.3	27.6	41.5	1.0	0.3	2.7	5.5	8.3	0.3	13.1	18.9	27.6	0.3	41.5	
		2	MON/90	0.3	0.3	1.0	2.7	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								
TTUL	TSA	1	HAZ/80	0.6	0.3	1.0	2.4	4.9	0.3	7.5	11.4	15.2	0.3	20.4	27.7	2.4	0.3	4.9	7.5	11.4	0.3	15.2	20.4	27.7	0.3		
		1	MON/90	0.6	0.3	1.0	2.4	6.1	11.0	15.9	20.8	25.7	30.6	35.5	40.4	45.3	50.2	55.1	60.0								
		2	HAZ/80	0.3	0.3	1.0	2.4	4.9	0.3	7.5	11.4	15.2	0.3	20.4	27.7	1.0	0.3	2.4	4.9	7.5	0.3	11.4	15.2	20.4	0.3	27.7	
		2	MON/90	0.3	0.3	1.0	2.4	6.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0								

HAZ/80 = Hazardous Mode VCP80

MON/90 = Monitor Mode VCP90