

Table 4 - Levee Failure Points in UNET

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	Distance Below Levee Top						Likely Failure Point (50%)				Distance Below Levee Top					Likely Failure Point (50%)	
Right Bank	Probable Non-Failure Point (PNP)	Probable Failure Point (PFP)	Levee Height	PNP Levee Elevation	PFP Levee Elevation	LFP Levee Elevation	FLO-2D Grid #		Left Bank	Non-Failure Point (PNP)	Failure Point (PFP)	Levee Height	PFP Levee Elevation	PNP Levee Elevation	LFP Levee Elevation	FLO-2D Grid #	
	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)				(ft)	(ft)	(ft)	(ft)	(ft)	(ft)		
22.2	2.5	1.5	48	48	48	48	5166		17.56	1	0.5	42.2	41.7	41.2	41.45	SA 80	
22	2.5	1.5	46	46	46	46	4929		17.55	1	0.5						
21.93	2.5	1.5	42	42	42	42	4484		17.53	1	0.5						
21.6	2.5	1.5	40	40	40	40	4270		17.52	1	0.5						
20.9	0.5	0	44.4	43.9	44.4	44.15	3956		17.08	1	0.5	41.2	40.7	40.2	40.45	SA 80	
20	0.5	0	44.8	44.3	44.8	44.55	3843		17.07	1	0.5						
19.48	0	0	43.5	No Fail	No Fail	No Fail	3385		17.05	1	0.5						
18.57	0	0	43.2	No Fail	No Fail	No Fail	3015		17.04	1	0.5						
17.9	1	0.5	42	41	41.5	41.25	3077		16.82	1	0.5	39.7	39.2	38.7	38.95	SA 80	
17.56	1	0.5	41.6	40.6	41.1	40.85	3008		16.81	1	0.5						
17.55	1	0.5							16.79	1	0.5						
17.53	1	0.5							16.78	1	0.5						
17.52	1	0.5							16.6	1	0.5	39.1	38.6	38.1	38.35	SA 80	
17.08	1	0.5	40.7	39.7	40.2	39.95	2557		16.3	1	0.5	39.3	38.8	38.3	38.55	SA 80	
17.07	1	0.5							15.9	1	0.5	38.8	38.3	37.8	38.05	SA 80	
17.05	1	0.5							15.1	1	0.5	37.2	36.7	36.2	36.45	SA 80	
17.04	1	0.5							15	1	0.5	36.7	36.2	35.7	35.95	SA 80	
16.82	1	0.5	41.1	40.1	40.6	40.35	2194		14.6	1.5	0.5	35.7	35.2	34.2	34.7	SA 80	
16.81	1	0.5							14	1.5	0.5	34.4	33.9	32.9	33.4	SA 80	
16.79	1	0.5							13.8	0	0	33.4	No Fail	No Fail	No Fail	SA 80	
16.78	1	0.5							13.1	1.5	0.5	34.2	34.2	32.7	33.45	240	
16.6	1	0.5	40.3	39.3	39.8	39.55	1926		12.96	0	0	29	No Fail	No Fail	No Fail	1785	
16.3	1	0.5	39	38	38.5	38.25	1686		12.95	0	0		No Fail	No Fail	No Fail		
15.9	1	0.5	38.8	37.8	38.3	38.05	1109		12.93	0	0		No Fail	No Fail	No Fail		
15.1	1	0.5	36.7	35.7	36.2	35.95	181		12.92	0	0	29	No Fail	No Fail	No Fail		
15	1	0.5	36.9	35.9	36.4	36.15	312		12.4	1	0.5	31.1	30.6	30.1	30.35	1595	
14.6	1	0.5	36	35	35.5	35.25	707		11.7	1	0.5	29	28.5	28	28.25	811	
14	1	0.5	35.5	34.5	35	34.75	1020		11.2	1	0.5	28.9	28.4	27.9	28.15	549	
13.8	1	0.5	34.8	33.8	34.3	34.05	1448		10.6	1	0.5	28.5	28	27.5	27.75	546	
13.1	1	0.5	33.9	32.9	33.4	33.15	2100		10.1	1	0.5						
12.96	1	0.5	32.5	31.5	32	31.75	2099										
12.95	1	0.5							NFork								
12.93	1	0.5							885	1	0.5	24.9	24.4	23.9	24.15	1532	
12.92	1	0.5							829	1	0.5	24	23.5	23	23.25	1360	
12.4	1	0.5	31.1	30.1	30.6	30.35	1834		810	1	0.5	23.5	23	22.5	22.75	1094	
11.7	0.5	0	29.2	28.7	29.2	28.95	1438		790	1	0.5	23.2	22.7	22.2	22.45	1092	
11.2	1	0.5	28.9	27.9	28.4	28.15	687		733	1.5	1	21.5	20.5	20	20.25	991	
10.6	1	0.5	27.8	26.8	27.3	27.05	683		720	1.5	1	20.7	19.7	19.2	19.45	823	
10.1	1	0.5							660	1.5	1	20.2	19.2	18.7	18.95	631	
									620	1.5	1	19.8	18.8	18.3	18.55	528	
NFork									580	1.5	1	18.9	17.9	17.4	17.65	434	
885	1	0.5	24.8	23.8	24.3	24.05	15167		570	1	0.5	18.9	18.4	17.9	18.15	406	
829	1	0.5	24.7	23.7	24.2	23.95	14602		550	1	0.5	18	17.5	17	17.25	311	
810	1	0.5	24.2	23.2	23.7	23.45	13987		522	1.5	1	16.5	15.5	15	15.25	271	
790	1	0.5	24.1	23.1	23.6	23.35	13650		475	1.5	1	15.1	14.1	13.6	13.85	160	
733	1	0.5	21.8	20.8	21.3	21.05	13645		450	1.5	1	14.5	13.5	13	13.25	74	
720	1.5	0.5	21.7	20.2	21.2	20.7	13119		430	1.5	1					21	
660	1.5	0.5	21	19.5	20.5	20	12063		417	1.5	1						
620	1.5	0.5	20.1	18.6	19.6	19.1	11370		406	1.5	1						
580 no levee									390	1.5	1						
570 no levee									360	1.5	1						
550 no levee									305	1.5	1						
522 no levee									150								
475	3	2	12.4	9.4	10.4	9.9	9424										
450	3	2	13.1	10.1	11.1	10.6	8916	SFork									
430 no levee									925	1	0.5	25.5	25	24.5	24.75	715	
417 no levee									875	1	0.5	23.4	22.9	22.4	22.65	593	
406 no levee									780	1	0.5	21.2	20.7	20.2	20.45	770	
390 no levee									695	1	0.5	19.6	19.1	18.6	18.85	580	
360 no levee									630	1	0.5	18.6	18.1	17.6	17.85	685	
305 no levee									580	1	0.5	18.8	18.3	17.8	18.05	899	
150 no levee									525	1	0.5	17.9	17.4	16.9	17.15	1147	
									465	1	0.5	15	14.5	14	14.25	1146	
SFork									340	1	0.5						
925	1	0.5	25.4	24.4	24.9	24.65	2040		250	1	0.5						
875	1	0.5	24	23	23.5	23.25	1982		150								
780	1	0.5	21.8	20.8	21.3	21.05	2123										
695	1	0.5	20.5	19.5	20	19.75	2069										
630	1	0.5	18	17	17.5	17.25	2145										
580	2	1	16.9	14.9	15.9	15.4	2188										
525	2	1	16	14	15	14.5	2201										
465	1	0.5	15	14	14.5	14.25	2156										
340	3	1.5															
250	3	1.5															
150																	