

**APPENDIX B**  
**FLOODPLAIN CALCULATIONS**

**DRAFT**

Stage Summary Table

DRAFT

2.33-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
A10	25.567	25.567	0.00
A20	24.996	24.996	0.00
A30	25.553	25.553	0.00
A40	26.899	26.899	0.00
A50	26.905	26.905	0.00
A60	27.816	27.816	0.00
BN10	26.878	26.878	0.00
BN20	26.354	26.354	0.00
BN30	26.860	26.860	0.00
BN40	25.660	25.660	0.00
BN50	28.597	28.597	0.00
BN60	28.597	28.597	0.00
BS10	26.857	26.857	0.00
BS20	26.396	26.396	0.00
BS30	26.953	26.953	0.00
BS40	25.457	25.457	0.00
CANAL4	25.685	25.685	0.00
DA-1A	30.369	30.369	0.00
DA-1B	29.925	29.925	0.00
DA-1C	29.647	29.647	0.00
FN	27.063	27.063	0.00
FS	26.948	26.948	0.00
N-0050	33.367	32.244	-1.12
N-0060	29.145	28.916	-0.23
N-0070	29.253	29.006	-0.25
N-0120	29.295	29.091	-0.20
N-0140	27.598	27.364	-0.23
N-0150	27.575	27.341	-0.23
N-0160	27.573	27.339	-0.23
N-0180	29.495	29.300	-0.20
N-0190	29.847	29.515	-0.33
N-0200	29.521	29.323	-0.20
N-0210	33.399	32.787	-0.61
N-0220	31.241	31.040	-0.20
N-0250	35.161	34.263	-0.90
N-0270	35.240	34.290	-0.95
N-0290	38.545	36.955	-1.59
N-0300	37.398	36.918	-0.48
N-0330	35.533	35.454	-0.08
N-0350/FPC1	39.146	38.492	-0.65
N-0360	39.643	39.643	0.00
N-0370	35.813	35.813	0.00
N-0400	40.288	40.288	0.00

10-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
A10	27.042	27.041	0.00
A20	27.041	27.041	0.00
A30	27.041	27.041	0.00
A40	28.362	28.362	0.00
A50	28.334	28.334	0.00
A60	28.015	28.015	0.00
BN10	27.520	27.520	0.00
BN20	27.193	27.193	0.00
BN30	26.974	26.974	0.00
BN40	26.526	26.526	0.00
BN50	28.820	28.820	0.00
BN60	28.822	28.822	0.00
BS10	27.491	27.491	0.00
BS20	27.110	27.110	0.00
BS30	26.991	26.991	0.00
BS40	26.000	26.000	0.00
CANAL4	26.452	26.452	0.00
DA-1A	30.852	30.852	0.00
DA-1B	30.558	30.558	0.00
DA-1C	29.833	29.833	0.00
FN	27.785	27.785	0.00
FS	27.639	27.639	0.00
N-0050	33.678	33.461	-0.22
N-0060	29.634	29.603	-0.03
N-0070	30.624	30.404	-0.22
N-0120	30.643	30.423	-0.22
N-0140	29.029	28.929	-0.10
N-0150	29.028	28.928	-0.10
N-0160	29.027	28.927	-0.10
N-0180	30.437	30.316	-0.12
N-0190	30.891	30.665	-0.23
N-0200	30.471	30.347	-0.12
N-0210	34.374	33.908	-0.47
N-0220	31.492	31.386	-0.11
N-0250	35.305	34.954	-0.35
N-0270	35.413	34.990	-0.42
N-0290	38.902	37.994	-0.91
N-0300	37.518	37.326	-0.19
N-0330	35.656	35.600	-0.06
N-0350/FPC1	39.281	38.928	-0.35
N-0360	40.359	40.359	0.00
N-0370	36.018	36.018	0.00
N-0400	40.775	40.775	0.00

2.33-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-0410	39.725	39.725	0.00
N-0420	40.482	40.482	0.00
N-0440	39.410	39.410	0.00
N-0450	40.313	40.313	0.00
N-0460	43.806	43.806	0.00
N-0480	43.803	43.803	0.00
N-0570	30.162	30.137	-0.02
N-0580	29.477	29.279	-0.20
N-0590	28.929	28.644	-0.29
N-0600	27.571	27.337	-0.23
N-0630	28.568	28.357	-0.21
N-0640	28.907	28.621	-0.29
N-0650	28.817	28.541	-0.28
N-0680	27.569	27.335	-0.23
N-0690	27.226	27.129	-0.10
N-0710	28.692	28.489	-0.20
N-0720	28.800	28.524	-0.28
N-0730	28.708	28.434	-0.27
N-0740	28.684	28.410	-0.27
N-0750	28.456	28.217	-0.24
N-0760	28.429	28.190	-0.24
N-0770	28.489	28.277	-0.21
N-0780	28.565	28.350	-0.22
N-0800	31.053	30.815	-0.24
N-0810/FPC 2	31.057	30.814	-0.24
N-0820	28.320	28.086	-0.23
N-0830	27.263	27.211	-0.05
N-0840	31.656	31.656	0.00
N-0850	27.015	27.015	0.00
N-0860	32.877	32.877	0.00
N-0870	32.503	32.503	0.00
N-0880	34.387	34.387	0.00
N-0890	34.548	34.548	0.00
N-0900	32.000	32.000	0.00
N-0910	32.902	32.902	0.00
N-0920	33.988	33.988	0.00
N-0940	28.550	28.550	0.00
N-0960	28.938	28.938	0.00
N-0970	30.475	30.475	0.00
N-0980	33.433	33.433	0.00
N-0990	33.499	33.499	0.00
N-1000	32.046	32.046	0.00
N-1020	30.837	30.837	0.00

10-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-0410	40.389	40.389	0.00
N-0420	41.606	41.606	0.00
N-0440	39.902	39.902	0.00
N-0450	40.532	40.532	0.00
N-0460	44.290	44.290	0.00
N-0480	44.274	44.274	0.00
N-0570	30.627	30.542	-0.08
N-0580	30.414	30.293	-0.12
N-0590	29.170	29.142	-0.03
N-0600	29.027	28.927	-0.10
N-0630	29.159	29.077	-0.08
N-0640	29.137	29.109	-0.03
N-0650	29.090	29.046	-0.04
N-0680	29.028	28.927	-0.10
N-0690	29.024	28.924	-0.10
N-0710	29.238	29.196	-0.04
N-0720	29.082	29.035	-0.05
N-0730	29.060	28.994	-0.07
N-0740	29.049	28.978	-0.07
N-0750	28.982	28.862	-0.12
N-0760	28.970	28.846	-0.12
N-0770	29.081	28.989	-0.09
N-0780	29.481	29.106	-0.38
N-0800	31.351	31.068	-0.28
N-0810/FPC 2	31.367	31.071	-0.30
N-0820	28.857	28.734	-0.12
N-0830	27.331	27.348	0.02
N-0840	31.999	31.999	0.00
N-0850	28.810	28.810	0.00
N-0860	33.131	33.131	0.00
N-0870	33.190	33.190	0.00
N-0880	34.674	34.674	0.00
N-0890	34.812	34.812	0.00
N-0900	33.414	33.414	0.00
N-0910	33.804	33.804	0.00
N-0920	34.437	34.437	0.00
N-0940	29.073	29.010	-0.06
N-0960	29.804	29.804	0.00
N-0970	31.366	31.366	0.00
N-0980	33.679	33.679	0.00
N-0990	33.810	33.810	0.00
N-1000	33.778	33.778	0.00
N-1020	31.435	31.435	0.00

2.33-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-1030	30.622	30.622	0.00
N-1040	26.128	26.128	0.00
N-1050	29.811	29.811	0.00
N-1060	29.934	29.934	0.00
N-1070	30.349	30.349	0.00
N-1080	30.875	30.875	0.00
N-1090	30.965	30.965	0.00
N-1100	29.411	29.411	0.00
N-1110	30.591	30.591	0.00
N-1120	29.480	29.480	0.00
N-1130	27.012	27.012	0.00
N-1140	27.013	27.013	0.00
N-1150	25.660	25.660	0.00
N-1180	28.565	28.372	-0.19
N-1200	28.104	28.010	-0.09
N-1220	27.021	27.021	0.00
N-1230	27.417	27.417	0.00
N-1240	27.264	27.264	0.00
N-1250	27.681	27.681	0.00
N-1260	26.985	26.985	0.00
N-1280	27.227	27.131	-0.10
N-1290	27.570	27.334	-0.24
N-1300	26.633	26.633	0.00
N-1310	27.790	27.790	0.00
N-1320	28.035	28.035	0.00
N-1330	28.791	28.791	0.00
N-1340	28.895	28.895	0.00
N-1350	29.481	29.481	0.00
N-1360	29.465	29.465	0.00
N-1370	29.393	29.393	0.00
N-1380	28.502	28.502	0.00
N-1390	31.990	31.990	0.00
N-1400	37.093	37.093	0.00
N-1410	33.710	33.710	0.00
N-1420	36.382	36.382	0.00
N-1430	39.954	39.954	0.00
N-1440	38.642	38.642	0.00
N-1450	38.623	38.623	0.00
N-1460	38.084	38.084	0.00
N-1470	31.482	31.482	0.00
N-1480	36.019	36.019	0.00
N-1500	34.049	34.049	0.00
N-1540	35.799	35.799	0.00

10-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-1030	31.015	31.015	0.00
N-1040	26.875	26.875	0.00
N-1050	30.557	30.557	0.00
N-1060	31.010	31.010	0.00
N-1070	31.008	31.008	0.00
N-1080	31.484	31.484	0.00
N-1090	31.483	31.483	0.00
N-1100	31.490	31.490	0.00
N-1110	30.818	30.818	0.00
N-1120	29.780	29.780	0.00
N-1130	28.096	28.095	0.00
N-1140	28.370	28.370	0.00
N-1150	26.732	26.732	0.00
N-1180	29.483	29.108	-0.38
N-1200	29.070	29.008	-0.06
N-1220	29.017	28.917	-0.10
N-1230	29.020	28.921	-0.10
N-1240	29.022	28.922	-0.10
N-1250	29.019	28.920	-0.10
N-1260	29.023	28.924	-0.10
N-1280	29.024	28.925	-0.10
N-1290	29.026	28.926	-0.10
N-1300	29.025	28.925	-0.10
N-1310	29.023	28.923	-0.10
N-1320	29.022	28.924	-0.10
N-1330	29.028	28.973	-0.05
N-1340	29.399	29.400	0.00
N-1350	29.911	29.911	0.00
N-1360	29.908	29.908	0.00
N-1370	29.740	29.740	0.00
N-1380	29.644	29.644	0.00
N-1390	32.375	32.375	0.00
N-1400	37.291	37.291	0.00
N-1410	33.905	33.905	0.00
N-1420	36.479	36.479	0.00
N-1430	40.388	40.388	0.00
N-1440	39.017	39.017	0.00
N-1450	38.995	38.995	0.00
N-1460	38.473	38.473	0.00
N-1470	32.047	32.046	0.00
N-1480	36.205	36.205	0.00
N-1500	34.231	34.231	0.00
N-1540	35.997	35.997	0.00

2.33-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-1560	34.453	34.311	-0.14
N-1570	33.600	33.267	-0.33
N-1600	30.802	30.046	-0.76
N-1610	30.730	30.730	0.00
N-1630	31.508	31.252	-0.26
N-1640	31.276	31.276	0.00
N-1670	84.836	84.836	0.00
N-1680	78.134	78.134	0.00
N-1690	73.577	73.577	0.00
N-1700	66.890	66.890	0.00
N-1710	34.520	34.520	0.00
N-1730	27.922	27.922	0.00
N-1740	27.431	27.431	0.00
N-1750	27.641	27.641	0.00
N-1780	27.688	27.688	0.00
N-1800	28.958	28.958	0.00
N-1810	29.294	29.294	0.00
N-1820	29.645	29.645	0.00
N-1840	30.539	30.539	0.00
N-1880	27.377	27.377	0.00
N-1890	26.883	26.883	0.00
N-1900	26.887	26.887	0.00
N-1910	29.540	29.540	0.00
N-1920	32.323	32.323	0.00
N-1930	38.638	38.638	0.00
N-1940	30.702	30.702	0.00
N-1950	29.951	29.951	0.00
N-1960	29.646	29.646	0.00
N-1970	29.433	29.433	0.00
N-1980	29.433	29.433	0.00
N-2000	29.614	29.480	-0.13
N-2010	34.693	34.693	0.00
N-2020	29.518	29.518	0.00
N-2030	29.553	29.553	0.00
N-2040	27.274	27.274	0.00
N-2050	29.432	29.432	0.00
N-2060	27.523	27.523	0.00
N-2070	27.270	27.270	0.00
N-2080	25.649	25.649	0.00
N-2260	27.430	27.430	0.00
N-2270	25.800	25.800	0.00
N-2280	27.422	26.749	-0.67
N-2290	28.680	28.680	0.00

10-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-1560	34.650	34.453	-0.20
N-1570	33.975	33.553	-0.42
N-1600	31.273	30.961	-0.31
N-1610	31.064	31.064	0.00
N-1630	31.820	31.606	-0.21
N-1640	31.379	31.379	0.00
N-1670	86.142	86.142	0.00
N-1680	83.344	83.344	0.00
N-1690	74.076	74.076	0.00
N-1700	67.559	67.559	0.00
N-1710	34.802	34.802	0.00
N-1730	29.100	29.042	-0.06
N-1740	29.098	29.040	-0.06
N-1750	28.405	28.405	0.00
N-1780	28.993	28.993	0.00
N-1800	29.416	29.416	0.00
N-1810	30.000	30.000	0.00
N-1820	30.094	30.094	0.00
N-1840	30.939	30.939	0.00
N-1880	28.655	28.655	0.00
N-1890	27.013	27.013	0.00
N-1900	27.010	27.010	0.00
N-1910	30.205	30.205	0.00
N-1920	32.676	32.676	0.00
N-1930	39.236	39.236	0.00
N-1940	31.234	31.234	0.00
N-1950	30.462	30.462	0.00
N-1960	30.458	30.458	0.00
N-1970	30.033	30.033	0.00
N-1980	30.035	30.035	0.00
N-2000	30.624	30.539	-0.08
N-2010	35.237	35.237	0.00
N-2020	30.427	30.427	0.00
N-2030	30.249	30.249	0.00
N-2040	29.737	29.737	0.00
N-2050	30.032	30.032	0.00
N-2060	28.487	28.487	0.00
N-2070	28.652	28.652	0.00
N-2080	26.172	26.172	0.00
N-2260	29.095	29.037	-0.06
N-2270	26.598	26.598	0.00
N-2280	29.103	29.044	-0.06
N-2290	28.808	28.808	0.00

2.33-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-2300	31.342	31.342	0.00
N-2310	29.647	29.647	0.00
N-2320	29.646	29.646	0.00
N-2330	37.454	37.454	0.00
N-2340	33.161	33.161	0.00
N-2350	35.422	35.422	0.00
N-2360	36.014	36.014	0.00
N-2370	37.491	37.491	0.00
N-2380	36.896	36.896	0.00
N-2400	31.384	31.384	0.00
N-2410	29.491	29.491	0.00
N-2420	29.736	29.736	0.00
N-2430	30.437	30.437	0.00
N-2440	27.448	27.448	0.00
N-2450	27.450	27.450	0.00
N-2460	27.462	27.462	0.00
N-2470	27.465	27.465	0.00
N-2490	30.469	30.469	0.00
N-2500	27.683	27.683	0.00
N-2510	27.466	27.466	0.00
N-2520	29.646	29.646	0.00
Outfall: C-41 (Harney Pond Canal)	27.012	27.012	0.00
Outfall: C-41A	40.000	40.000	0.00

10-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-2300	31.706	31.706	0.00
N-2310	30.374	30.374	0.00
N-2320	30.439	30.439	0.00
N-2330	38.005	38.005	0.00
N-2340	33.804	33.804	0.00
N-2350	35.890	35.890	0.00
N-2360	36.611	36.611	0.00
N-2370	38.171	38.171	0.00
N-2380	36.997	36.997	0.00
N-2400	31.783	31.783	0.00
N-2410	30.315	30.315	0.00
N-2420	30.116	30.116	0.00
N-2430	30.891	30.891	0.00
N-2440	29.736	29.736	0.00
N-2450	29.738	29.738	0.00
N-2460	29.738	29.738	0.00
N-2470	29.739	29.739	0.00
N-2490	30.932	30.932	0.00
N-2500	28.593	28.593	0.00
N-2510	29.740	29.740	0.00
N-2520	30.456	30.456	0.00
Outfall: C-41 (Harney Pond Canal)	27.012	27.012	0.00
Outfall: C-41A	40.000	40.000	0.00

25-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
A10	27.169	27.169	0.00
A20	27.169	27.169	0.00
A30	27.170	27.170	0.00
A40	28.513	28.513	0.00
A50	28.473	28.473	0.00
A60	28.016	28.016	0.00
BN10	27.563	27.563	0.00
BN20	27.236	27.236	0.00
BN30	26.980	26.980	0.00
BN40	26.585	26.585	0.00
BN50	28.827	28.827	0.00
BN60	28.828	28.828	0.00
BS10	27.523	27.523	0.00
BS20	27.148	27.148	0.00
BS30	26.992	26.992	0.00
BS40	26.000	26.000	0.00
CANAL4	26.499	26.499	0.00
DA-1A	30.884	30.884	0.00
DA-1B	30.593	30.593	0.00
DA-1C	29.846	29.846	0.00
FN	27.833	27.833	0.00
FS	27.685	27.685	0.00
N-0050	33.693	33.484	-0.21
N-0060	29.648	29.620	-0.03
N-0070	30.712	30.485	-0.23
N-0120	30.732	30.504	-0.23
N-0140	29.123	29.034	-0.09
N-0150	29.122	29.033	-0.09
N-0160	29.121	29.032	-0.09
N-0180	30.488	30.368	-0.12
N-0190	30.952	30.742	-0.21
N-0200	30.522	30.399	-0.12
N-0210	34.419	33.973	-0.45
N-0220	31.497	31.401	-0.10
N-0250	35.314	34.988	-0.33
N-0270	35.424	35.024	-0.40
N-0290	38.909	38.073	-0.84
N-0300	37.524	37.335	-0.19
N-0330	35.664	35.604	-0.06
N-0350/FPC1	39.289	38.944	-0.34
N-0360	40.381	40.381	0.00
N-0370	36.028	36.028	0.00
N-0400	40.790	40.790	0.00

50-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
A10	27.434	27.434	0.00
A20	27.434	27.434	0.00
A30	27.435	27.435	0.00
A40	28.684	28.684	0.00
A50	28.627	28.627	0.00
A60	28.017	28.017	0.00
BN10	27.689	27.689	0.00
BN20	27.295	27.295	0.00
BN30	26.986	26.986	0.00
BN40	26.671	26.671	0.00
BN50	28.841	28.841	0.00
BN60	28.842	28.842	0.00
BS10	27.569	27.569	0.00
BS20	27.202	27.202	0.00
BS30	26.993	26.993	0.00
BS40	26.000	26.000	0.00
CANAL4	26.566	26.566	0.00
DA-1A	30.929	30.929	0.00
DA-1B	30.641	30.641	0.00
DA-1C	29.865	29.865	0.00
FN	27.894	27.894	0.00
FS	27.750	27.750	0.00
N-0050	33.715	33.517	-0.20
N-0060	29.666	29.642	-0.02
N-0070	30.838	30.603	-0.23
N-0120	30.857	30.623	-0.23
N-0140	29.250	29.169	-0.08
N-0150	29.249	29.168	-0.08
N-0160	29.248	29.168	-0.08
N-0180	30.563	30.442	-0.12
N-0190	31.034	30.845	-0.19
N-0200	30.596	30.475	-0.12
N-0210	34.475	34.071	-0.40
N-0220	31.511	31.423	-0.09
N-0250	35.326	35.034	-0.29
N-0270	35.440	35.071	-0.37
N-0290	38.920	38.185	-0.73
N-0300	37.534	37.348	-0.19
N-0330	35.675	35.612	-0.06
N-0350/FPC1	39.301	38.968	-0.33
N-0360	40.424	40.424	0.00
N-0370	36.043	36.043	0.00
N-0400	40.805	40.805	0.00



25-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-0410	40.410	40.410	0.00
N-0420	41.666	41.666	0.00
N-0440	39.931	39.931	0.00
N-0450	40.545	40.545	0.00
N-0460	44.314	44.314	0.00
N-0480	44.296	44.296	0.00
N-0570	30.681	30.596	-0.09
N-0580	30.465	30.345	-0.12
N-0590	29.198	29.150	-0.05
N-0600	29.122	29.032	-0.09
N-0630	29.184	29.101	-0.08
N-0640	29.174	29.117	-0.06
N-0650	29.100	29.055	-0.05
N-0680	29.122	29.033	-0.09
N-0690	29.116	29.029	-0.09
N-0710	29.257	29.218	-0.04
N-0720	29.092	29.045	-0.05
N-0730	29.073	29.007	-0.07
N-0740	29.063	28.992	-0.07
N-0750	29.004	28.885	-0.12
N-0760	28.992	28.869	-0.12
N-0770	29.107	29.015	-0.09
N-0780	29.566	29.183	-0.38
N-0800	31.364	31.085	-0.27
N-0810/FPC 2	31.381	31.089	-0.29
N-0820	28.880	28.757	-0.11
N-0830	27.334	27.352	0.01
N-0840	32.017	32.017	0.00
N-0850	29.242	29.241	0.00
N-0860	33.146	33.146	0.00
N-0870	33.209	33.208	0.00
N-0880	34.689	34.689	0.00
N-0890	34.824	34.824	0.00
N-0900	33.489	33.489	0.00
N-0910	33.810	33.810	0.00
N-0920	34.447	34.447	0.00
N-0940	29.103	29.041	-0.06
N-0960	29.817	29.817	0.00
N-0970	31.430	31.430	0.00
N-0980	33.692	33.692	0.00
N-0990	33.825	33.825	0.00
N-1000	33.799	33.799	0.00
N-1020	31.475	31.475	0.00

50-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-0410	40.452	40.452	0.00
N-0420	41.727	41.727	0.00
N-0440	39.973	39.973	0.00
N-0450	40.563	40.563	0.00
N-0460	44.347	44.347	0.00
N-0480	44.327	44.327	0.00
N-0570	30.760	30.676	-0.08
N-0580	30.539	30.419	-0.13
N-0590	29.294	29.225	-0.07
N-0600	29.249	29.168	-0.08
N-0630	29.216	29.136	-0.08
N-0640	29.271	29.203	-0.07
N-0650	29.218	29.146	-0.07
N-0680	29.250	29.169	-0.08
N-0690	29.242	29.162	-0.08
N-0710	29.283	29.248	-0.04
N-0720	29.199	29.128	-0.07
N-0730	29.090	29.029	-0.06
N-0740	29.081	29.012	-0.07
N-0750	29.033	28.917	-0.12
N-0760	29.023	28.902	-0.12
N-0770	29.142	29.053	-0.09
N-0780	29.684	29.332	-0.35
N-0800	31.382	31.109	-0.27
N-0810/FPC 2	31.400	31.113	-0.29
N-0820	28.911	28.790	-0.12
N-0830	27.343	27.357	0.01
N-0840	32.044	32.044	0.00
N-0850	29.903	29.902	0.00
N-0860	33.166	33.166	0.00
N-0870	33.234	33.234	0.00
N-0880	34.710	34.710	0.00
N-0890	34.840	34.840	0.00
N-0900	33.588	33.588	0.00
N-0910	33.819	33.819	0.00
N-0920	34.463	34.463	0.00
N-0940	29.146	29.081	-0.07
N-0960	29.838	29.838	0.00
N-0970	31.512	31.511	0.00
N-0980	33.710	33.710	0.00
N-0990	33.847	33.847	0.00
N-1000	33.832	33.832	0.00
N-1020	31.534	31.534	0.00

25-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-1030	31.038	31.038	0.00
N-1040	26.926	26.926	0.00
N-1050	30.580	30.580	0.00
N-1060	31.033	31.033	0.00
N-1070	31.031	31.031	0.00
N-1080	31.511	31.511	0.00
N-1090	31.510	31.510	0.00
N-1100	31.516	31.516	0.00
N-1110	30.834	30.834	0.00
N-1120	29.811	29.811	0.00
N-1130	28.346	28.346	-0.01
N-1140	28.652	28.652	0.00
N-1150	26.801	26.801	0.00
N-1180	29.568	29.185	-0.38
N-1200	29.100	29.039	-0.06
N-1220	29.111	29.022	-0.09
N-1230	29.114	29.025	-0.09
N-1240	29.116	29.027	-0.09
N-1250	29.113	29.025	-0.08
N-1260	29.117	29.029	-0.09
N-1280	29.117	29.029	-0.09
N-1290	29.121	29.032	-0.09
N-1300	29.119	29.030	-0.09
N-1310	29.116	29.028	-0.09
N-1320	29.116	29.028	-0.09
N-1330	29.119	29.033	-0.09
N-1340	29.454	29.453	0.00
N-1350	29.939	29.939	0.00
N-1360	29.936	29.936	-0.01
N-1370	29.777	29.777	0.00
N-1380	29.707	29.707	0.00
N-1390	32.393	32.393	0.00
N-1400	37.304	37.304	0.00
N-1410	33.920	33.920	0.00
N-1420	36.485	36.485	0.00
N-1430	40.404	40.404	0.00
N-1440	39.035	39.035	0.00
N-1450	39.013	39.013	0.00
N-1460	38.493	38.493	0.00
N-1470	32.069	32.069	0.00
N-1480	36.214	36.214	0.00
N-1500	34.238	34.238	0.00
N-1540	36.005	36.005	0.00

50-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-1030	31.076	31.076	0.00
N-1040	27.000	27.000	0.00
N-1050	30.612	30.612	0.00
N-1060	31.069	31.069	0.00
N-1070	31.067	31.067	0.00
N-1080	31.545	31.545	0.00
N-1090	31.544	31.544	0.00
N-1100	31.551	31.551	0.00
N-1110	30.857	30.857	0.00
N-1120	29.857	29.857	0.00
N-1130	28.731	28.730	0.00
N-1140	29.083	29.083	0.00
N-1150	26.899	26.899	0.00
N-1180	29.685	29.334	-0.35
N-1200	29.142	29.078	-0.06
N-1220	29.238	29.158	-0.08
N-1230	29.241	29.161	-0.08
N-1240	29.242	29.162	-0.08
N-1250	29.240	29.160	-0.08
N-1260	29.244	29.164	-0.07
N-1280	29.243	29.164	-0.07
N-1290	29.247	29.167	-0.08
N-1300	29.246	29.165	-0.08
N-1310	29.243	29.163	-0.07
N-1320	29.242	29.162	-0.08
N-1330	29.245	29.166	-0.08
N-1340	29.539	29.537	0.00
N-1350	29.981	29.981	0.00
N-1360	29.979	29.979	0.00
N-1370	29.840	29.840	0.00
N-1380	29.795	29.795	0.00
N-1390	32.418	32.418	0.00
N-1400	37.321	37.321	0.00
N-1410	33.943	33.943	0.00
N-1420	36.493	36.493	0.00
N-1430	40.425	40.425	0.00
N-1440	39.060	39.060	0.00
N-1450	39.039	39.038	0.00
N-1460	38.520	38.520	0.00
N-1470	32.100	32.100	0.00
N-1480	36.227	36.227	0.00
N-1500	34.248	34.248	0.00
N-1540	36.016	36.016	0.00

25-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-1560	34.660	34.460	-0.20
N-1570	33.996	33.575	-0.42
N-1600	31.294	30.999	-0.30
N-1610	31.070	31.070	0.00
N-1630	31.835	31.630	-0.21
N-1640	31.384	31.384	0.00
N-1670	86.269	86.269	0.00
N-1680	83.620	83.620	0.00
N-1690	74.105	74.105	0.00
N-1700	67.594	67.594	0.00
N-1710	34.818	34.817	0.00
N-1730	29.164	29.105	-0.06
N-1740	29.161	29.103	-0.06
N-1750	28.458	28.458	0.00
N-1780	29.057	29.057	0.00
N-1800	29.442	29.442	0.00
N-1810	30.023	30.023	0.00
N-1820	30.115	30.115	0.00
N-1840	30.962	30.962	0.00
N-1880	28.697	28.697	0.00
N-1890	27.015	27.015	0.00
N-1900	27.012	27.012	0.00
N-1910	30.242	30.242	0.00
N-1920	32.694	32.694	0.00
N-1930	39.268	39.268	0.00
N-1940	31.260	31.260	0.00
N-1950	30.488	30.488	0.00
N-1960	30.484	30.484	0.00
N-1970	30.073	30.073	0.00
N-1980	30.074	30.074	0.00
N-2000	30.678	30.594	-0.08
N-2010	35.267	35.267	0.00
N-2020	30.454	30.454	0.00
N-2030	30.284	30.284	0.00
N-2040	29.810	29.810	0.00
N-2050	30.072	30.072	0.00
N-2060	28.669	28.669	0.00
N-2070	28.694	28.694	0.00
N-2080	26.221	26.221	0.00
N-2260	29.158	29.100	-0.06
N-2270	26.649	26.649	0.00
N-2280	29.167	29.108	-0.06
N-2290	28.814	28.814	0.00

50-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-1560	34.674	34.470	-0.20
N-1570	34.024	33.605	-0.42
N-1600	31.323	31.049	-0.27
N-1610	31.081	31.081	0.00
N-1630	31.855	31.662	-0.19
N-1640	31.390	31.390	0.00
N-1670	86.457	86.457	0.00
N-1680	83.999	83.999	0.00
N-1690	74.147	74.147	0.00
N-1700	67.645	67.645	0.00
N-1710	34.840	34.840	0.00
N-1730	29.261	29.194	-0.06
N-1740	29.258	29.191	-0.07
N-1750	28.538	28.535	0.00
N-1780	29.147	29.147	0.00
N-1800	29.476	29.476	0.00
N-1810	30.055	30.055	0.00
N-1820	30.144	30.144	0.00
N-1840	30.996	30.996	0.00
N-1880	28.757	28.757	0.00
N-1890	27.018	27.018	0.00
N-1900	27.014	27.014	0.00
N-1910	30.294	30.294	0.00
N-1920	32.720	32.720	0.00
N-1930	39.313	39.313	0.00
N-1940	31.296	31.296	0.00
N-1950	30.525	30.525	0.00
N-1960	30.520	30.520	0.00
N-1970	30.130	30.130	0.00
N-1980	30.131	30.131	0.00
N-2000	30.758	30.674	-0.09
N-2010	35.309	35.309	0.00
N-2020	30.492	30.492	0.00
N-2030	30.334	30.334	0.00
N-2040	29.903	29.903	0.00
N-2050	30.128	30.128	0.00
N-2060	28.864	28.864	0.00
N-2070	28.754	28.754	0.00
N-2080	26.299	26.299	0.00
N-2260	29.255	29.189	-0.07
N-2270	26.723	26.723	0.00
N-2280	29.265	29.197	-0.07
N-2290	28.828	28.828	0.00

25-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-2300	31.725	31.725	0.00
N-2310	30.386	30.386	0.00
N-2320	30.465	30.465	0.00
N-2330	38.038	38.038	0.00
N-2340	33.842	33.842	0.00
N-2350	35.911	35.911	0.00
N-2360	36.643	36.643	0.00
N-2370	38.209	38.209	0.00
N-2380	37.002	37.002	0.00
N-2400	31.811	31.811	0.00
N-2410	30.338	30.338	0.00
N-2420	30.136	30.136	0.00
N-2430	30.919	30.919	0.00
N-2440	29.809	29.809	0.00
N-2450	29.811	29.811	0.00
N-2460	29.811	29.811	0.00
N-2470	29.812	29.812	0.00
N-2490	30.961	30.961	0.00
N-2500	28.650	28.650	0.00
N-2510	29.813	29.813	0.00
N-2520	30.482	30.482	0.00
Outfall: C-41 (Harney Pond Canal)	27.013	27.013	0.00
Outfall: C-41A	40.000	40.000	0.00

50-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
N-2300	31.752	31.752	0.00
N-2310	30.401	30.401	0.00
N-2320	30.502	30.502	0.00
N-2330	38.085	38.085	0.00
N-2340	33.897	33.897	0.00
N-2350	35.937	35.937	0.00
N-2360	36.681	36.681	0.00
N-2370	38.264	38.264	0.00
N-2380	37.008	37.008	0.00
N-2400	31.852	31.852	0.00
N-2410	30.371	30.371	0.00
N-2420	30.166	30.166	0.00
N-2430	30.959	30.959	0.00
N-2440	29.903	29.903	0.00
N-2450	29.905	29.905	0.00
N-2460	29.905	29.905	0.00
N-2470	29.906	29.906	0.00
N-2490	31.001	31.001	0.00
N-2500	28.733	28.733	0.00
N-2510	29.907	29.907	0.00
N-2520	30.518	30.518	0.00
Outfall: C-41 (Harney Pond Canal)	27.013	27.013	0.00
Outfall: C-41A	40.000	40.000	0.00

100-Year/24-Hour			
Node	Existing Condition	Proposed Condition	Change
A10	28.950	28.950	0.00
A20	28.950	28.950	0.00
A30	28.950	28.950	0.00
A40	29.229	29.229	0.00
A50	29.147	29.147	0.00
A60	28.950	28.950	0.00
BN10	28.187	28.187	0.00
BN20	27.847	27.847	0.00
BN30	27.016	27.016	0.00
BN40	26.939	26.939	0.00
BN50	29.489	29.489	0.00
BN60	29.489	29.489	0.00
BS10	27.704	27.704	0.00
BS20	27.367	27.367	0.00
BS30	26.994	26.994	0.00
BS40	26.107	26.107	0.00
CANAL4	26.968	26.776	-0.19
DA-1A	31.066	31.066	0.00
DA-1B	30.781	30.781	0.00
DA-1C	29.930	29.930	0.00
FN	28.040	28.040	0.00
FS	27.946	27.946	0.00
N-0050	33.778	33.599	-0.18
N-0060	29.710	29.702	-0.01
N-0070	31.152	30.958	-0.21
N-0120	31.171	30.978	-0.19
N-0140	29.591	29.526	-0.07
N-0150	29.590	29.525	-0.07
N-0160	29.591	29.526	-0.07
N-0180	30.808	30.680	-0.13
N-0190	31.296	31.158	-0.14
N-0200	30.845	30.717	-0.13
N-0210	34.601	34.380	-0.22
N-0220	31.598	31.519	-0.08
N-0250	35.368	35.142	-0.23
N-0270	35.486	35.183	-0.30
N-0290	38.949	38.540	-0.46
N-0300	37.562	37.386	-0.18
N-0330	35.706	35.630	-0.08
N-0350/FPC1	39.335	39.042	-0.32
N-0360	40.550	40.550	0.00
N-0370	36.087	36.087	0.00
N-0400	40.843	40.843	0.00

100-Year/24-Hour

Node	Existing Condition	Proposed Condition	Change
N-0410	40.576	40.576	0.00
N-0420	41.848	41.848	0.00
N-0440	40.098	40.098	0.00
N-0450	40.644	40.644	0.00
N-0460	44.447	44.447	0.00
N-0480	44.415	44.415	0.00
N-0570	31.004	30.921	-0.08
N-0580	30.784	30.656	-0.13
N-0590	29.527	29.467	-0.06
N-0600	29.592	29.527	-0.06
N-0630	29.386	29.316	-0.07
N-0640	29.502	29.445	-0.05
N-0650	29.478	29.419	-0.06
N-0680	29.591	29.527	-0.06
N-0690	29.582	29.517	-0.07
N-0710	29.533	29.463	-0.06
N-0720	29.465	29.405	-0.06
N-0730	29.405	29.338	-0.07
N-0740	29.387	29.319	-0.07
N-0750	29.218	29.116	-0.10
N-0760	29.199	29.095	-0.10
N-0770	29.292	29.223	-0.06
N-0780	29.938	29.753	-0.18
N-0800	31.435	31.186	-0.25
N-0810/FPC 2	31.456	31.193	-0.27
N-0820	29.087	28.982	-0.11
N-0830	27.402	27.388	-0.01
N-0840	32.121	32.121	0.00
N-0850	31.820	31.820	-0.01
N-0860	33.226	33.226	0.00
N-0870	33.310	33.310	0.00
N-0880	34.770	34.770	0.00
N-0890	34.885	34.885	0.00
N-0900	33.833	33.833	0.00
N-0910	33.855	33.855	0.00
N-0920	34.515	34.515	0.00
N-0940	29.297	29.221	-0.08
N-0960	29.957	29.907	-0.04
N-0970	31.906	31.906	0.00
N-0980	33.763	33.763	0.00
N-0990	33.935	33.935	0.00
N-1000	33.929	33.929	0.00
N-1020	31.718	31.718	0.00

100-Year/24-Hour

Node	Existing Condition	Proposed Condition	Change
N-1030	31.178	31.178	0.00
N-1040	27.232	27.232	0.00
N-1050	30.708	30.708	0.00
N-1060	31.166	31.166	0.00
N-1070	31.163	31.163	0.00
N-1080	31.626	31.626	0.00
N-1090	31.626	31.626	0.00
N-1100	31.633	31.633	0.00
N-1110	30.915	30.915	0.00
N-1120	30.046	30.046	0.00
N-1130	29.601	29.601	0.00
N-1140	30.024	30.024	0.00
N-1150	27.204	27.204	0.00
N-1180	29.940	29.755	-0.19
N-1200	29.294	29.222	-0.07
N-1220	29.581	29.516	-0.07
N-1230	29.583	29.518	-0.06
N-1240	29.584	29.519	-0.07
N-1250	29.583	29.518	-0.06
N-1260	29.585	29.520	-0.07
N-1280	29.584	29.519	-0.07
N-1290	29.590	29.524	-0.07
N-1300	29.587	29.522	-0.07
N-1310	29.585	29.520	-0.07
N-1320	29.584	29.520	-0.07
N-1330	29.587	29.522	-0.07
N-1340	29.799	29.799	0.00
N-1350	30.136	30.136	0.00
N-1360	30.134	30.134	0.00
N-1370	30.069	30.069	0.00
N-1380	30.055	30.055	0.00
N-1390	32.495	32.495	0.00
N-1400	37.371	37.371	0.00
N-1410	34.009	34.009	0.00
N-1420	36.515	36.515	0.00
N-1430	40.483	40.483	0.00
N-1440	39.131	39.131	0.00
N-1450	39.111	39.111	0.00
N-1460	38.598	38.598	0.00
N-1470	32.187	32.187	0.00
N-1480	36.264	36.264	0.00
N-1500	34.275	34.274	-0.01
N-1540	36.047	36.047	0.00

100-Year/24-Hour

Node	Existing Condition	Proposed Condition	Change
N-1560	34.716	34.498	-0.22
N-1570	34.103	33.685	-0.42
N-1600	31.403	31.167	-0.24
N-1610	31.173	31.125	-0.05
N-1630	31.914	31.744	-0.17
N-1640	31.404	31.404	0.00
N-1670	87.099	87.099	0.00
N-1680	85.087	85.087	0.00
N-1690	74.266	74.266	0.00
N-1700	67.793	67.793	0.00
N-1710	34.905	34.905	0.00
N-1730	29.492	29.436	-0.05
N-1740	29.489	29.434	-0.05
N-1750	29.443	29.197	-0.25
N-1780	29.402	29.402	0.00
N-1800	29.565	29.565	0.00
N-1810	30.163	30.163	0.00
N-1820	30.225	30.225	0.00
N-1840	31.102	31.102	0.00
N-1880	29.237	29.237	0.00
N-1890	27.025	27.025	0.00
N-1900	27.019	27.019	0.00
N-1910	30.447	30.447	0.00
N-1920	32.795	32.795	0.00
N-1930	39.446	39.446	0.00
N-1940	31.398	31.398	0.00
N-1950	30.639	30.639	0.00
N-1960	30.634	30.634	0.00
N-1970	30.301	30.301	0.00
N-1980	30.302	30.302	0.00
N-2000	31.002	30.919	-0.08
N-2010	35.434	35.434	0.00
N-2020	30.606	30.606	0.00
N-2030	30.477	30.477	0.00
N-2040	30.115	30.116	0.00
N-2050	30.300	30.300	0.00
N-2060	29.530	29.530	0.00
N-2070	29.236	29.236	0.00
N-2080	27.953	27.953	0.00
N-2260	29.487	29.431	-0.06
N-2270	28.267	27.237	-1.03
N-2280	29.497	29.440	-0.06
N-2290	29.494	29.494	0.00



100-Year/24-Hour

Node	Existing Condition	Proposed Condition	Change
N-2300	31.832	31.832	0.00
N-2310	30.440	30.440	0.00
N-2320	30.615	30.615	0.00
N-2330	38.261	38.261	0.00
N-2340	34.054	34.054	0.00
N-2350	35.999	35.999	0.00
N-2360	36.761	36.761	0.00
N-2370	38.429	38.429	0.00
N-2380	37.025	37.025	0.00
N-2400	31.963	31.963	0.00
N-2410	30.472	30.472	0.00
N-2420	30.256	30.256	0.00
N-2430	31.083	31.083	0.00
N-2440	30.117	30.117	0.00
N-2450	30.118	30.118	0.00
N-2460	30.118	30.118	0.00
N-2470	30.119	30.119	0.00
N-2490	31.127	31.127	0.00
N-2500	29.237	29.237	0.00
N-2510	30.121	30.121	0.00
N-2520	30.631	30.631	0.00
Outfall: C-41 (Harney Pond Canal)	27.013	27.013	0.00
Outfall: C-41A	40.000	40.000	0.00

25-Year/72-Hour			
Node	Existing Condition	Proposed Condition	Change
A10	26.670	26.670	0.00
A20	26.506	26.506	-0.01
A30	26.676	26.676	0.00
A40	28.725	28.725	0.00
A50	28.664	28.664	0.00
A60	28.019	28.019	0.00
BN10	27.479	27.479	0.00
BN20	26.877	26.877	0.00
BN30	26.576	26.576	0.00
BN40	26.785	26.785	0.00
BN50	29.103	29.103	0.00
BN60	29.100	29.100	0.00
BS10	27.405	27.405	0.00
BS20	26.871	26.871	0.00
BS30	27.032	27.032	0.00
BS40	26.112	26.112	0.00
CANAL4	26.656	26.656	0.00
DA-1A	30.949	30.949	0.00
DA-1B	30.321	30.321	0.00
DA-1C	30.097	30.097	0.00
FN	27.910	27.910	0.00
FS	27.836	27.836	0.00
N-0050	33.678	33.577	-0.10
N-0060	29.671	29.665	-0.01
N-0070	30.872	30.758	-0.11
N-0120	30.892	30.778	-0.11
N-0140	29.046	29.009	-0.04
N-0150	29.044	29.007	-0.04
N-0160	29.047	29.009	-0.04
N-0180	30.510	30.398	-0.11
N-0190	30.981	30.879	-0.10
N-0200	30.544	30.434	-0.11
N-0210	34.334	34.311	-0.02
N-0220	31.486	31.483	-0.02
N-0250	35.327	35.166	-0.16
N-0270	35.431	35.216	-0.21
N-0290	38.896	38.808	-0.09
N-0300	37.513	37.449	-0.06
N-0330	35.679	35.644	-0.04
N-0350/FPC1	39.276	39.130	-0.15
N-0360	40.477	40.477	0.00
N-0370	36.059	36.059	0.00
N-0400	40.815	40.815	0.00

100-Year/72-Hour			
Node	Existing Condition	Proposed Condition	Change
A10	27.589	27.589	0.00
A20	27.587	27.587	0.00
A30	27.595	27.595	0.00
A40	30.131	30.131	0.00
A50	30.000	30.000	0.00
A60	28.023	28.023	0.00
BN10	27.909	27.909	0.00
BN20	27.213	27.213	0.00
BN30	27.022	27.022	0.00
BN40	27.370	27.370	0.00
BN50	30.062	30.062	0.00
BN60	30.060	30.060	0.00
BS10	27.670	27.670	0.00
BS20	27.185	27.185	0.00
BS30	27.297	27.297	0.00
BS40	26.522	26.522	0.00
CANAL4	27.092	27.092	0.00
DA-1A	31.197	31.197	0.00
DA-1B	30.656	30.640	-0.02
DA-1C	30.308	30.308	0.00
FN	28.200	28.200	0.00
FS	28.198	28.198	0.00
N-0050	33.785	33.720	-0.07
N-0060	29.861	29.813	-0.04
N-0070	31.348	31.295	-0.05
N-0120	31.366	31.314	-0.05
N-0140	29.810	29.755	-0.05
N-0150	29.809	29.755	-0.05
N-0160	29.811	29.757	-0.05
N-0180	30.997	30.866	-0.14
N-0190	31.532	31.403	-0.13
N-0200	31.043	30.910	-0.13
N-0210	34.600	34.595	-0.01
N-0220	31.775	31.676	-0.10
N-0250	35.404	35.317	-0.09
N-0270	35.529	35.372	-0.16
N-0290	38.950	38.905	-0.05
N-0300	37.562	37.515	-0.05
N-0330	35.742	35.716	-0.03
N-0350/FPC1	39.336	39.217	-0.12
N-0360	40.710	40.710	0.00
N-0370	36.147	36.147	0.00
N-0400	40.946	40.946	0.00

25-Year/72-Hour			
Node	Existing Condition	Proposed Condition	Change
N-0410	40.504	40.504	0.00
N-0420	41.759	41.759	0.00
N-0440	39.901	39.901	0.00
N-0450	40.544	40.544	0.00
N-0460	44.286	44.286	0.00
N-0480	44.268	44.268	0.00
N-0570	30.694	30.612	-0.08
N-0580	30.486	30.374	-0.12
N-0590	29.232	29.166	-0.06
N-0600	29.050	29.013	-0.04
N-0630	29.248	29.171	-0.08
N-0640	29.198	29.133	-0.07
N-0650	29.151	29.084	-0.07
N-0680	29.054	29.016	-0.04
N-0690	29.021	28.985	-0.03
N-0710	29.308	29.278	-0.03
N-0720	29.139	29.074	-0.07
N-0730	29.105	29.040	-0.06
N-0740	29.098	29.027	-0.06
N-0750	29.064	28.938	-0.13
N-0760	29.056	28.925	-0.13
N-0770	29.183	29.085	-0.10
N-0780	29.799	29.556	-0.24
N-0800	31.377	31.204	-0.18
N-0810/FPC 2	31.394	31.212	-0.18
N-0820	28.944	28.812	-0.13
N-0830	27.251	27.170	-0.08
N-0840	32.121	32.121	0.00
N-0850	31.151	31.151	0.00
N-0860	33.199	33.199	0.00
N-0870	33.294	33.294	0.00
N-0880	34.740	34.740	0.00
N-0890	34.828	34.828	0.00
N-0900	33.433	33.433	0.00
N-0910	33.835	33.835	0.00
N-0920	34.508	34.508	0.00
N-0940	29.194	29.108	-0.09
N-0960	29.881	29.881	0.00
N-0970	31.281	31.281	0.00
N-0980	33.692	33.692	0.00
N-0990	33.918	33.918	0.00
N-1000	33.912	33.912	0.00
N-1020	31.613	31.613	0.00

100-Year/72-Hour			
Node	Existing Condition	Proposed Condition	Change
N-0410	40.733	40.733	0.00
N-0420	42.029	42.029	0.00
N-0440	40.143	40.143	0.00
N-0450	40.847	40.847	0.00
N-0460	44.456	44.456	0.00
N-0480	44.422	44.422	0.00
N-0570	31.166	31.082	-0.08
N-0580	30.973	30.842	-0.13
N-0590	29.665	29.609	-0.05
N-0600	29.814	29.760	-0.05
N-0630	29.624	29.550	-0.07
N-0640	29.632	29.577	-0.05
N-0650	29.607	29.551	-0.06
N-0680	29.816	29.761	-0.05
N-0690	29.798	29.743	-0.05
N-0710	29.779	29.722	-0.05
N-0720	29.595	29.537	-0.06
N-0730	29.536	29.470	-0.07
N-0740	29.519	29.451	-0.06
N-0750	29.397	29.279	-0.12
N-0760	29.383	29.261	-0.12
N-0770	29.562	29.400	-0.16
N-0780	30.164	30.099	-0.06
N-0800	31.478	31.345	-0.13
N-0810/FPC 2	31.503	31.361	-0.14
N-0820	29.269	29.148	-0.12
N-0830	27.471	27.331	-0.15
N-0840	32.242	32.242	0.00
N-0850	32.558	32.558	0.00
N-0860	33.276	33.276	0.00
N-0870	33.450	33.450	0.00
N-0880	34.811	34.811	0.00
N-0890	34.907	34.907	0.00
N-0900	34.046	34.046	0.00
N-0910	34.050	34.050	0.00
N-0920	34.604	34.604	0.00
N-0940	29.570	29.390	-0.18
N-0960	30.174	30.116	-0.06
N-0970	32.805	32.805	0.00
N-0980	33.782	33.782	0.00
N-0990	34.062	34.062	0.00
N-1000	34.052	34.052	0.00
N-1020	32.014	32.014	0.00

25-Year/72-Hour			
Node	Existing Condition	Proposed Condition	Change
N-1030	31.177	31.177	0.00
N-1040	27.099	27.099	0.00
N-1050	30.709	30.709	0.00
N-1060	31.164	31.164	0.00
N-1070	31.161	31.161	0.00
N-1080	31.613	31.613	0.00
N-1090	31.613	31.613	0.00
N-1100	31.620	31.620	0.00
N-1110	30.911	30.911	0.00
N-1120	30.031	30.031	0.00
N-1130	29.555	29.555	0.00
N-1140	30.006	30.006	0.00
N-1150	27.030	27.030	0.00
N-1180	29.801	29.558	-0.24
N-1200	29.190	29.105	-0.09
N-1220	28.939	28.723	-0.22
N-1230	28.966	28.904	-0.03
N-1240	28.979	28.924	-0.03
N-1250	28.941	28.709	-0.23
N-1260	29.016	28.977	-0.04
N-1280	29.021	28.983	-0.03
N-1290	29.041	29.003	-0.04
N-1300	29.031	28.994	-0.03
N-1310	28.950	28.810	-0.14
N-1320	28.938	28.852	-0.08
N-1330	29.035	29.035	0.00
N-1340	29.566	29.566	0.00
N-1350	29.924	29.924	0.00
N-1360	29.922	29.922	0.00
N-1370	29.825	29.825	0.00
N-1380	29.770	29.770	0.00
N-1390	32.420	32.420	0.00
N-1400	37.305	37.305	0.00
N-1410	33.924	33.924	0.00
N-1420	36.486	36.486	0.00
N-1430	40.405	40.405	0.00
N-1440	39.045	39.045	0.00
N-1450	39.023	39.023	0.00
N-1460	38.518	38.518	0.00
N-1470	32.100	32.100	0.00
N-1480	36.203	36.203	0.00
N-1500	34.230	34.230	0.00
N-1540	35.994	35.994	0.00

100-Year/72-Hour			
Node	Existing Condition	Proposed Condition	Change
N-1030	31.330	31.330	0.00
N-1040	29.328	29.328	0.00
N-1050	30.892	30.892	0.00
N-1060	31.304	31.304	0.00
N-1070	31.300	31.300	0.00
N-1080	31.753	31.753	0.00
N-1090	31.755	31.755	0.00
N-1100	31.764	31.764	0.00
N-1110	30.992	30.992	0.00
N-1120	30.848	30.848	0.00
N-1130	30.398	30.398	0.00
N-1140	30.844	30.844	0.00
N-1150	27.684	27.684	0.00
N-1180	30.166	30.101	-0.07
N-1200	29.567	29.393	-0.19
N-1220	29.781	29.724	-0.06
N-1230	29.784	29.728	-0.06
N-1240	29.788	29.732	-0.05
N-1250	29.781	29.724	-0.06
N-1260	29.795	29.739	-0.06
N-1280	29.798	29.743	-0.05
N-1290	29.807	29.752	-0.05
N-1300	29.802	29.747	-0.05
N-1310	29.785	29.728	-0.06
N-1320	29.782	29.725	-0.06
N-1330	29.780	29.723	-0.06
N-1340	30.020	30.020	0.00
N-1350	30.209	30.209	0.00
N-1360	30.211	30.211	0.00
N-1370	30.300	30.300	0.00
N-1380	30.294	30.294	0.00
N-1390	32.546	32.546	0.00
N-1400	37.387	37.387	0.00
N-1410	34.034	34.034	0.00
N-1420	36.522	36.522	0.00
N-1430	40.503	40.503	0.00
N-1440	39.166	39.166	0.00
N-1450	39.147	39.147	0.00
N-1460	38.647	38.647	0.00
N-1470	32.243	32.243	0.00
N-1480	36.269	36.269	0.00
N-1500	34.276	34.276	0.00
N-1540	36.050	36.050	0.00

25-Year/72-Hour			
Node	Existing Condition	Proposed Condition	Change
N-1560	34.645	34.566	-0.08
N-1570	33.967	33.769	-0.23
N-1600	31.274	31.137	-0.14
N-1610	31.123	31.123	0.00
N-1630	31.820	31.723	-0.10
N-1640	31.400	31.400	0.00
N-1670	86.612	86.612	0.00
N-1680	84.464	84.464	0.00
N-1690	74.174	74.174	0.00
N-1700	67.569	67.569	0.00
N-1710	34.850	34.850	0.00
N-1730	29.163	29.073	-0.09
N-1740	29.159	29.069	-0.09
N-1750	28.442	28.442	0.00
N-1780	29.261	29.261	0.00
N-1800	29.560	29.560	0.00
N-1810	30.145	30.145	0.00
N-1820	30.183	30.183	0.00
N-1840	31.041	31.041	0.00
N-1880	28.782	28.782	0.00
N-1890	26.716	26.716	0.00
N-1900	26.726	26.726	0.00
N-1910	30.325	30.324	0.00
N-1920	32.670	32.670	0.00
N-1930	39.219	39.219	0.00
N-1940	31.192	31.192	0.00
N-1950	30.647	30.647	0.00
N-1960	30.643	30.643	0.00
N-1970	31.590	31.590	0.00
N-1980	31.587	31.587	0.00
N-2000	30.692	30.609	-0.08
N-2010	35.210	35.210	0.00
N-2020	30.603	30.603	0.00
N-2030	30.357	30.357	0.00
N-2040	30.014	30.014	0.00
N-2050	31.591	31.591	0.00
N-2060	28.473	28.473	0.00
N-2070	28.779	28.779	0.00
N-2080	26.335	26.335	0.00
N-2260	29.158	29.071	-0.09
N-2270	26.821	26.821	0.00
N-2280	29.173	29.083	-0.09
N-2290	29.216	29.215	0.00

100-Year/72-Hour			
Node	Existing Condition	Proposed Condition	Change
N-1560	34.719	34.672	-0.05
N-1570	34.108	33.976	-0.15
N-1600	31.438	31.375	-0.06
N-1610	31.363	31.311	-0.05
N-1630	31.920	31.860	-0.07
N-1640	31.412	31.412	0.00
N-1670	87.975	87.975	0.00
N-1680	86.643	86.643	0.00
N-1690	74.402	74.402	0.00
N-1700	67.859	67.859	0.00
N-1710	34.946	34.946	0.00
N-1730	29.620	29.565	-0.06
N-1740	29.615	29.561	-0.05
N-1750	29.274	29.129	-0.14
N-1780	29.406	29.406	0.00
N-1800	29.645	29.645	0.00
N-1810	30.421	30.421	0.00
N-1820	30.289	30.289	0.00
N-1840	31.276	31.276	0.00
N-1880	30.135	30.135	0.00
N-1890	27.040	27.040	0.00
N-1900	27.015	27.015	0.00
N-1910	30.569	30.569	0.00
N-1920	32.807	32.807	0.00
N-1930	39.472	39.472	0.00
N-1940	31.422	31.422	0.00
N-1950	30.898	30.898	0.00
N-1960	30.885	30.885	0.00
N-1970	31.775	31.775	0.00
N-1980	31.772	31.772	0.00
N-2000	31.164	31.079	-0.08
N-2010	35.435	35.435	0.00
N-2020	30.837	30.837	0.00
N-2030	30.591	30.591	0.00
N-2040	30.404	30.404	0.00
N-2050	31.776	31.776	0.00
N-2060	30.221	30.221	0.00
N-2070	30.135	30.135	0.00
N-2080	28.873	28.873	0.00
N-2260	29.613	29.559	-0.05
N-2270	28.234	27.692	-0.54
N-2280	29.626	29.571	-0.05
N-2290	30.164	30.164	0.00

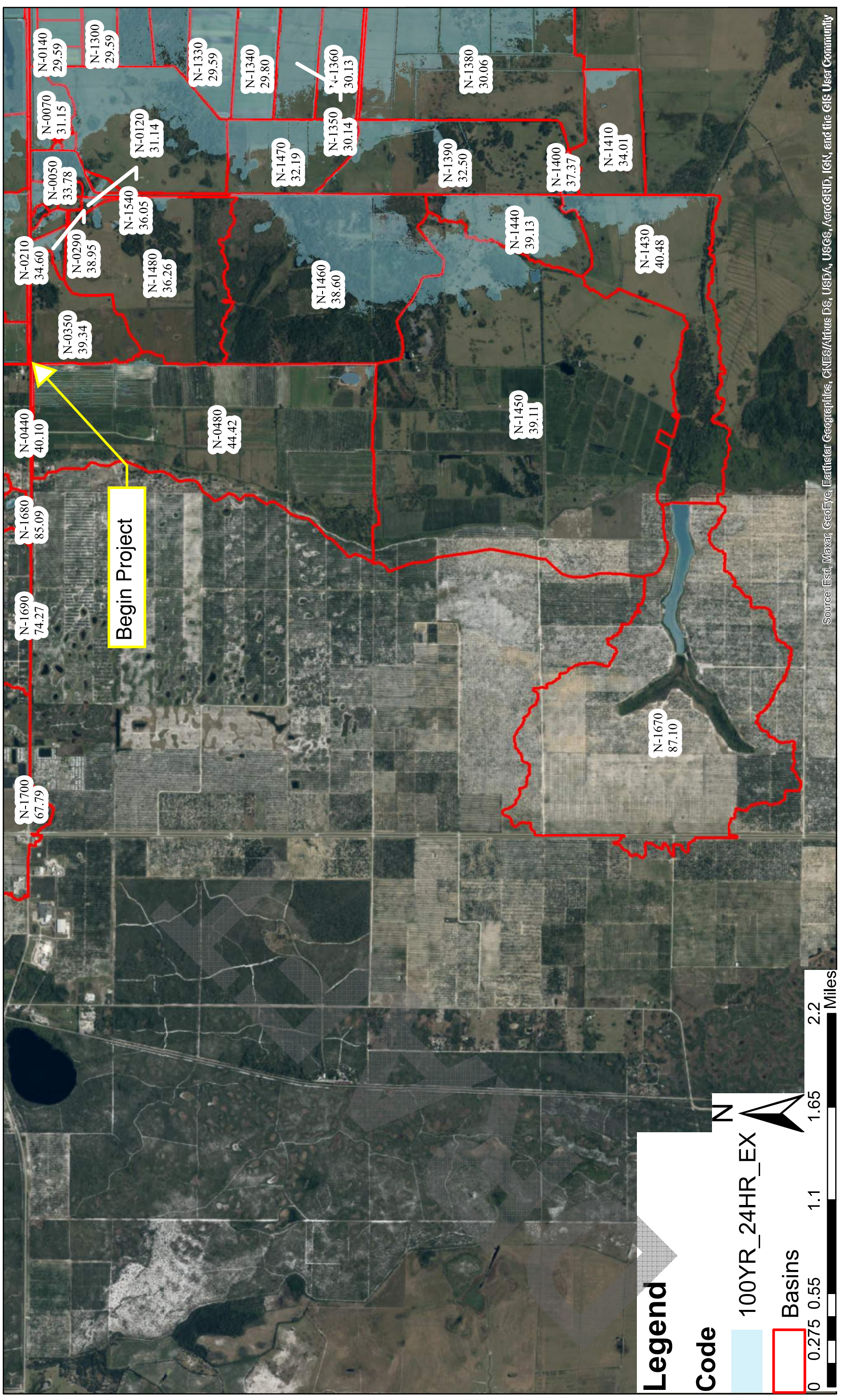
25-Year/72-Hour			
Node	Existing Condition	Proposed Condition	Change
N-2300	31.690	31.690	0.00
N-2310	31.575	31.575	0.00
N-2320	30.629	30.629	0.00
N-2330	37.929	37.929	0.00
N-2340	33.743	33.743	0.00
N-2350	35.927	35.927	0.00
N-2360	36.656	36.656	0.00
N-2370	38.146	38.146	0.00
N-2380	36.994	36.994	0.00
N-2400	31.863	31.863	0.00
N-2410	30.469	30.469	0.00
N-2420	30.253	30.253	0.00
N-2430	31.575	31.575	-0.01
N-2440	30.015	30.015	0.00
N-2450	30.016	30.016	0.00
N-2460	30.016	30.016	0.00
N-2470	30.017	30.016	0.00
N-2490	31.575	31.575	0.00
N-2500	28.841	28.841	0.00
N-2510	30.019	30.019	0.00
N-2520	30.640	30.640	0.00
Outfall: C-41 (Harney Pond Canal)	27.013	27.013	0.00
Outfall: C-41A	40.000	40.000	0.00

100-Year/72-Hour			
Node	Existing Condition	Proposed Condition	Change
N-2300	31.835	31.835	0.00
N-2310	31.760	31.760	0.00
N-2320	30.865	30.865	0.00
N-2330	38.176	38.176	0.00
N-2340	34.029	34.029	0.00
N-2350	36.019	36.019	0.00
N-2360	36.778	36.778	0.00
N-2370	38.456	38.456	0.00
N-2380	37.025	37.025	0.00
N-2400	32.046	32.046	0.00
N-2410	30.681	30.681	0.00
N-2420	30.458	30.458	0.00
N-2430	31.762	31.762	0.00
N-2440	30.406	30.406	0.00
N-2450	30.407	30.407	0.00
N-2460	30.407	30.407	0.00
N-2470	30.407	30.408	0.00
N-2490	31.763	31.763	0.00
N-2500	30.324	30.324	0.00
N-2510	30.410	30.410	0.00
N-2520	30.882	30.882	0.00
Outfall: C-41 (Harney Pond Canal)	27.013	27.013	0.00
Outfall: C-41A	40.000	40.000	0.00

ICPR Floodplain Maps

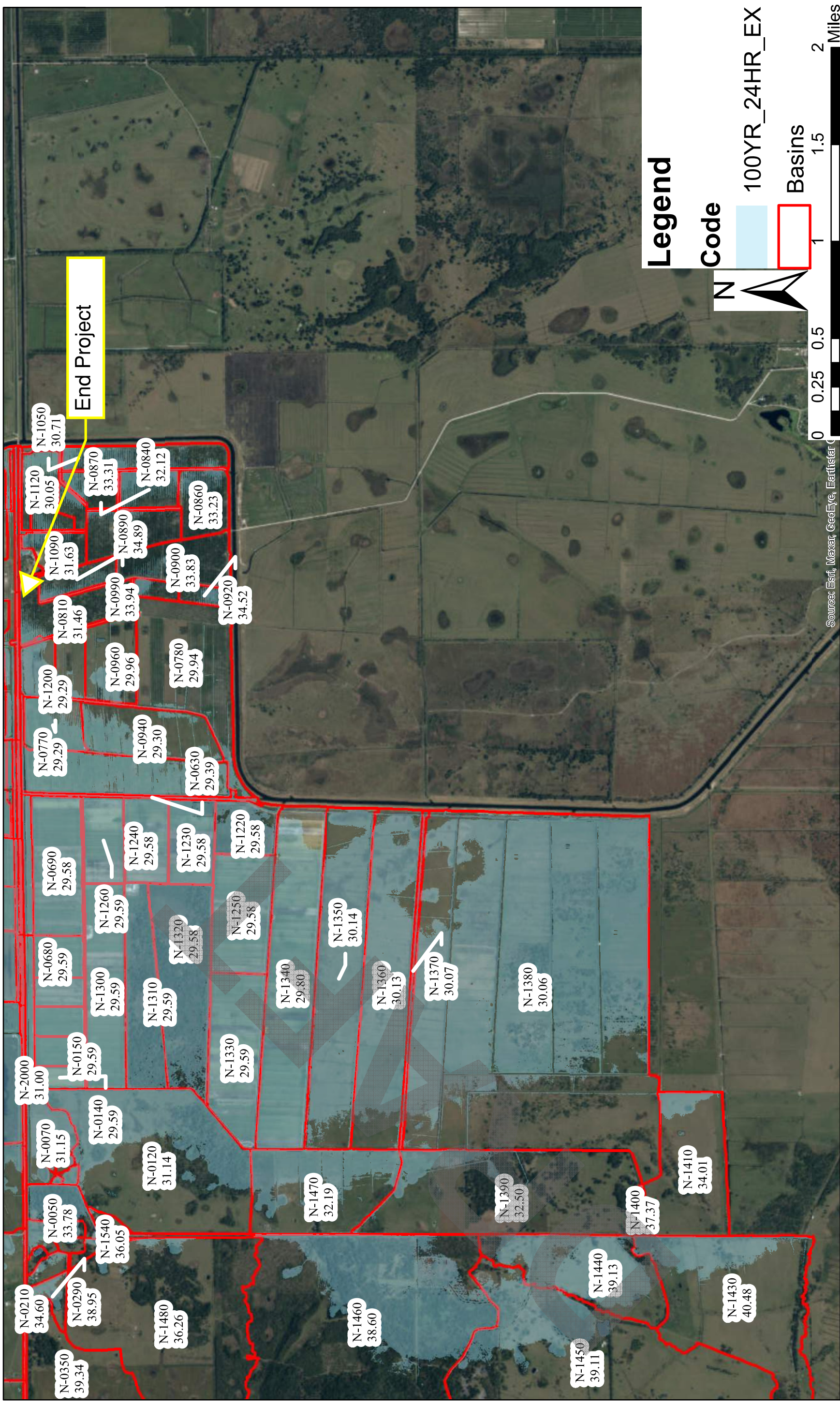
DRAFT

# 100 Year - 24 Hour Inundation Existing Condition





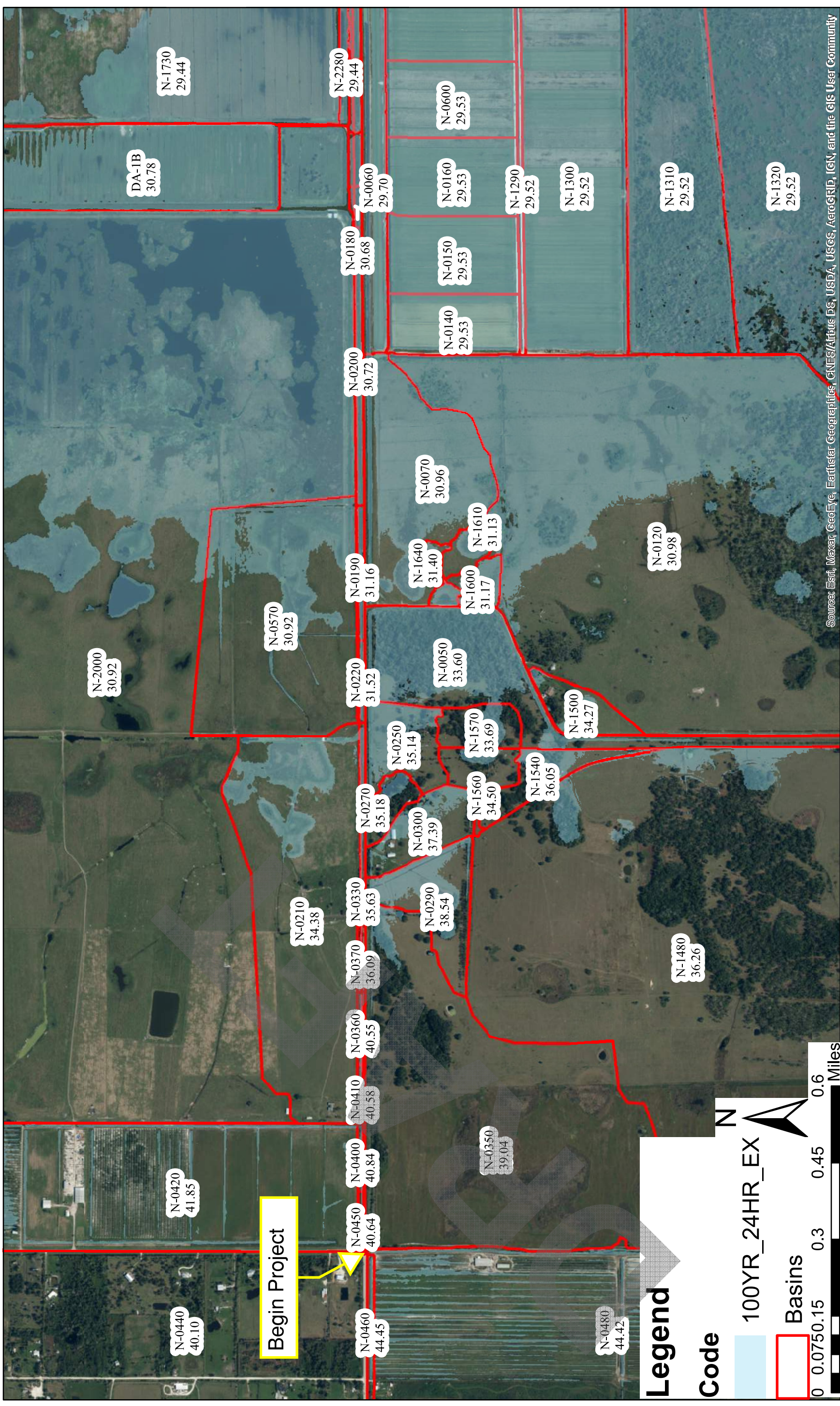
# 100 Year - 24 Hour Inundation Existing Condition



Source: Esri, Maxar, GeoEye, Earthstar



# 100 Year - 24 Hour Inundation Existing Condition



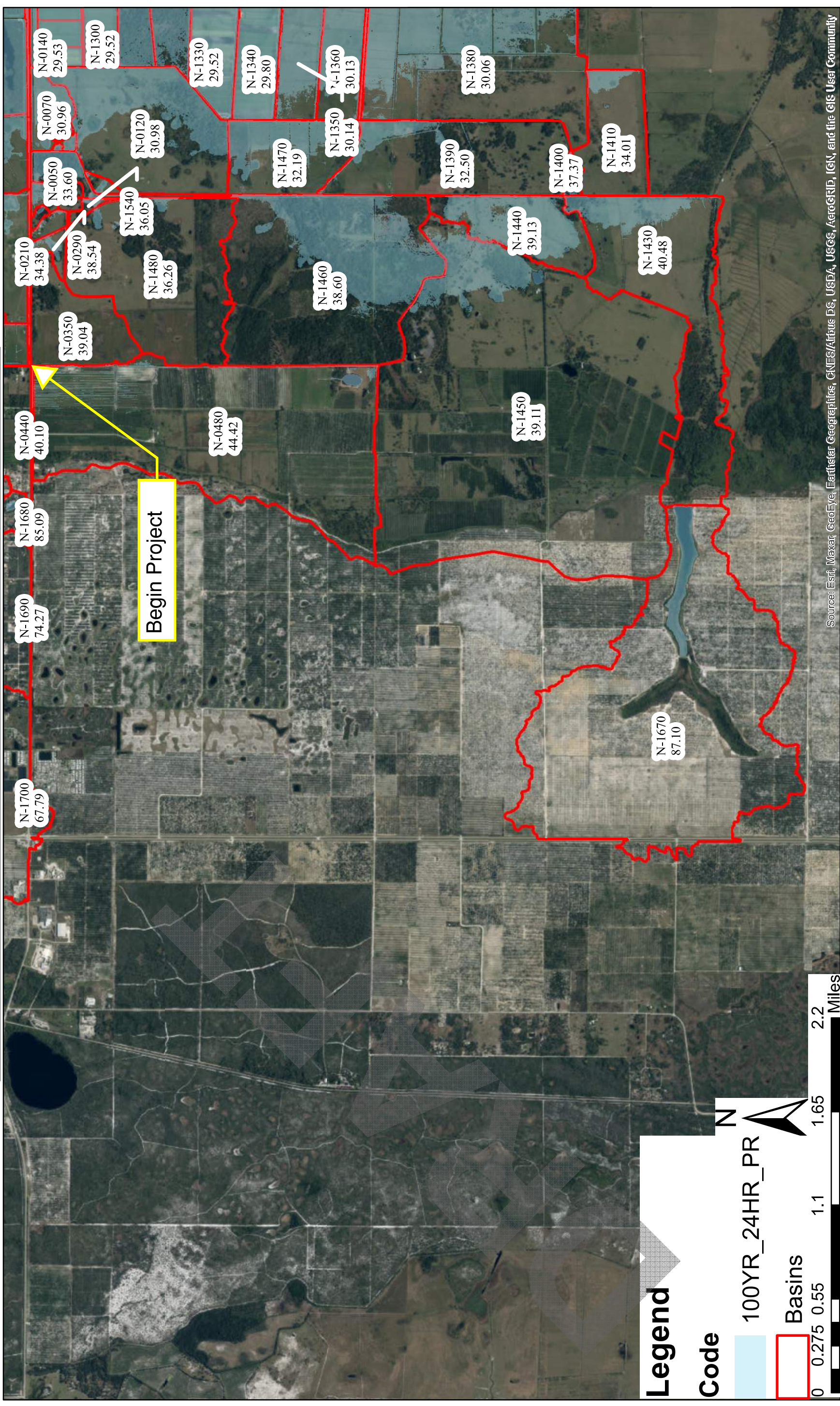
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# 100 Year - 24 Hour Inundation Existing Condition

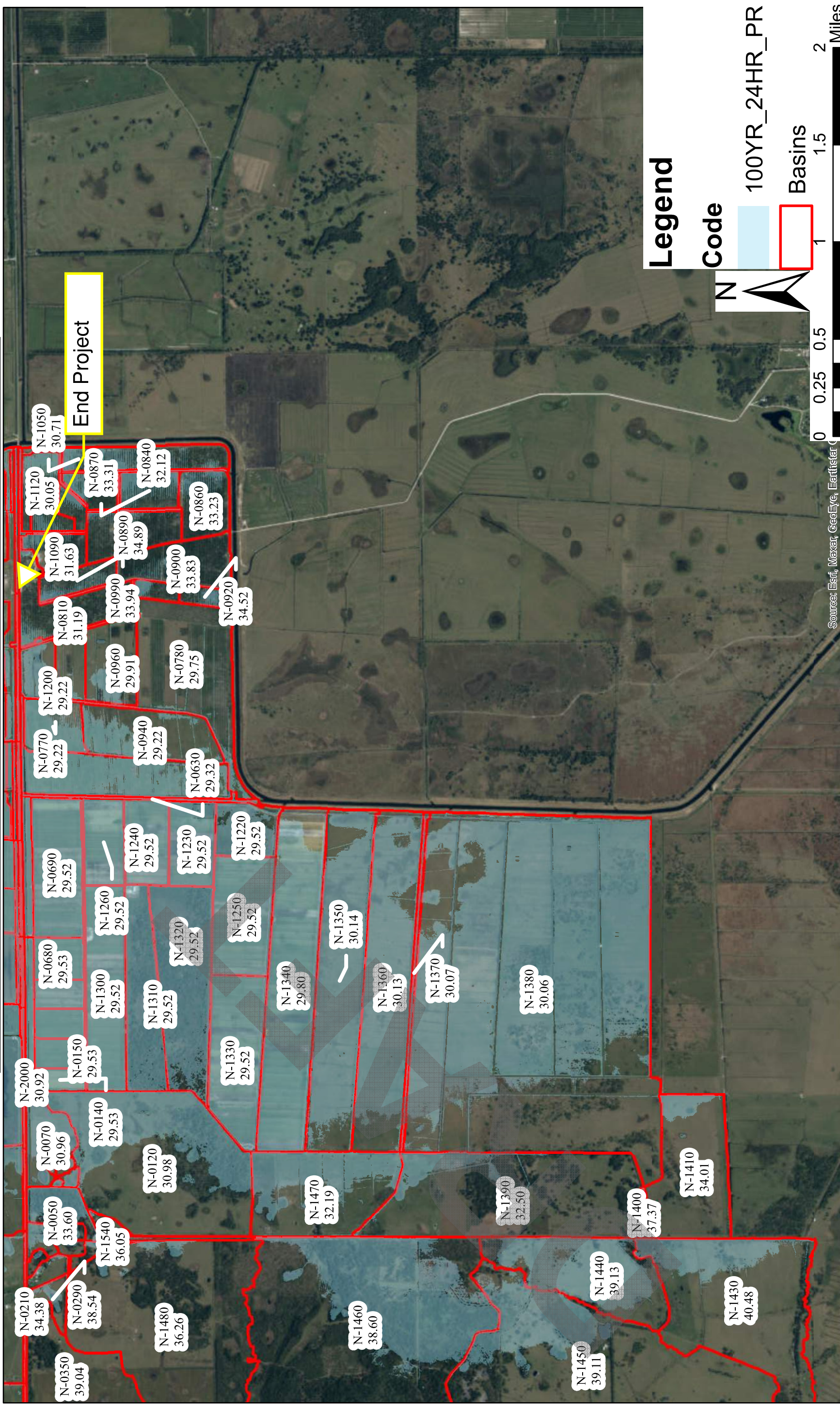


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# 100 Year - 24 Hour Inundation Proposed Condition

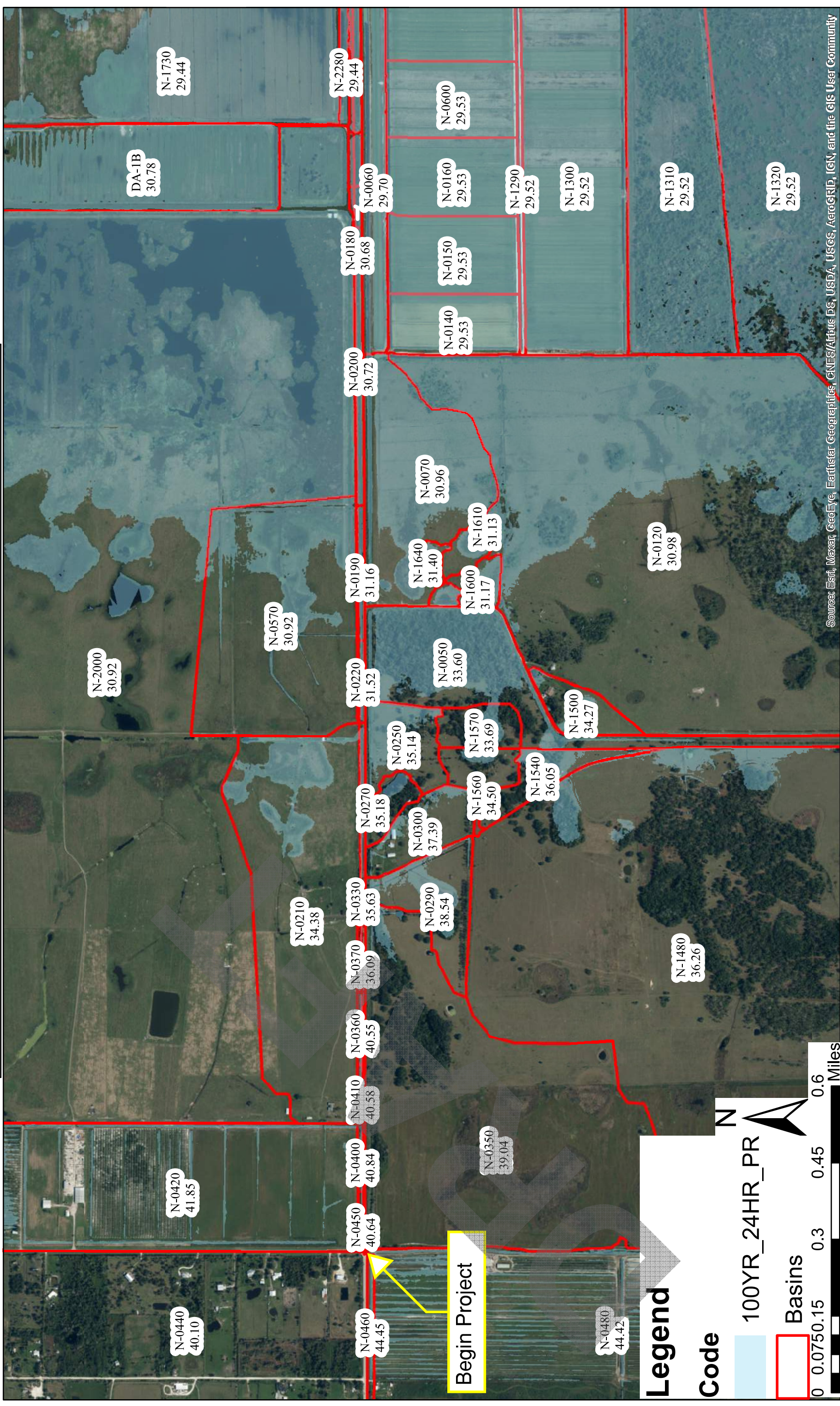


# 100 Year - 24 Hour Inundation Proposed Condition





# 100 Year - 24 Hour Inundation Proposed Condition

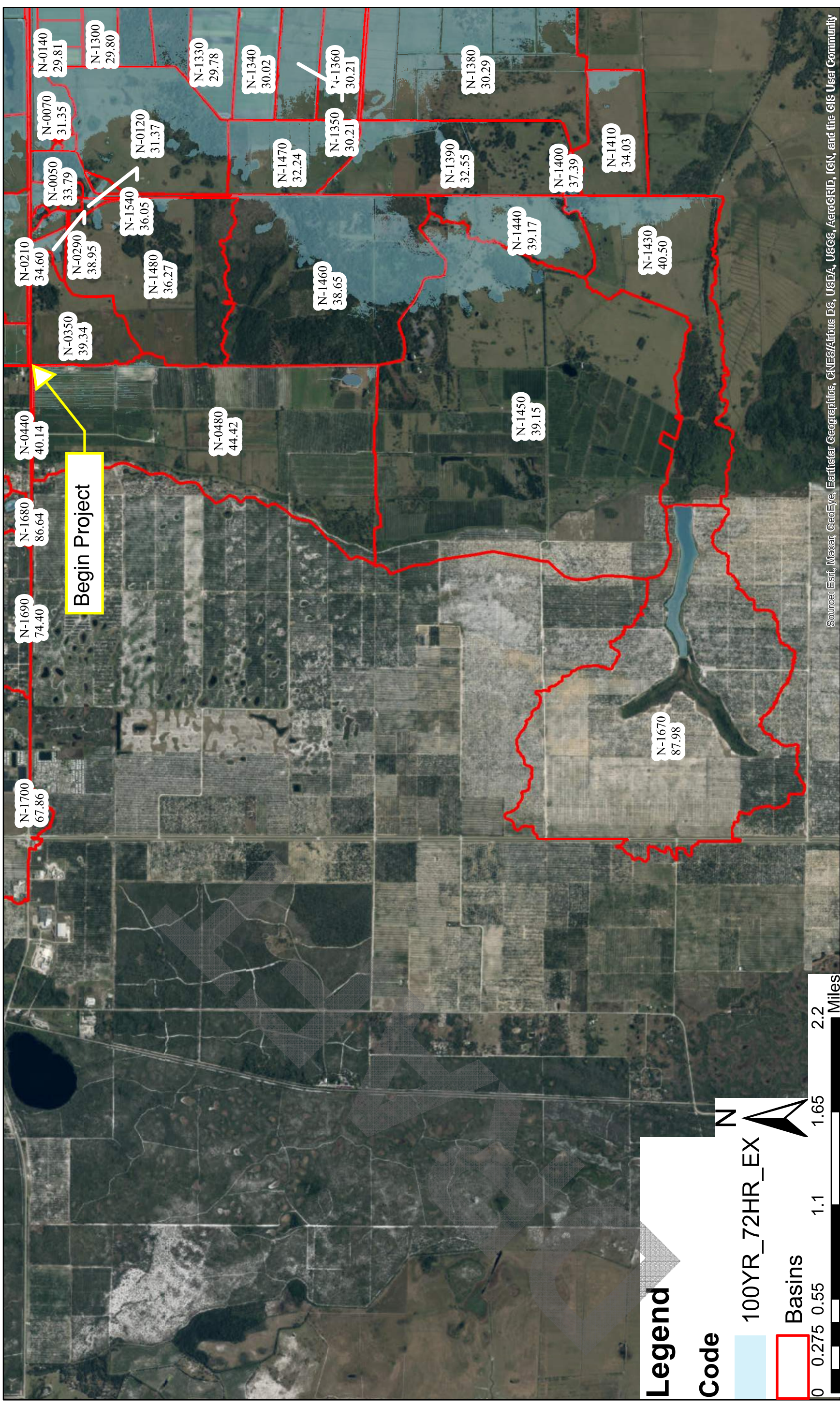


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



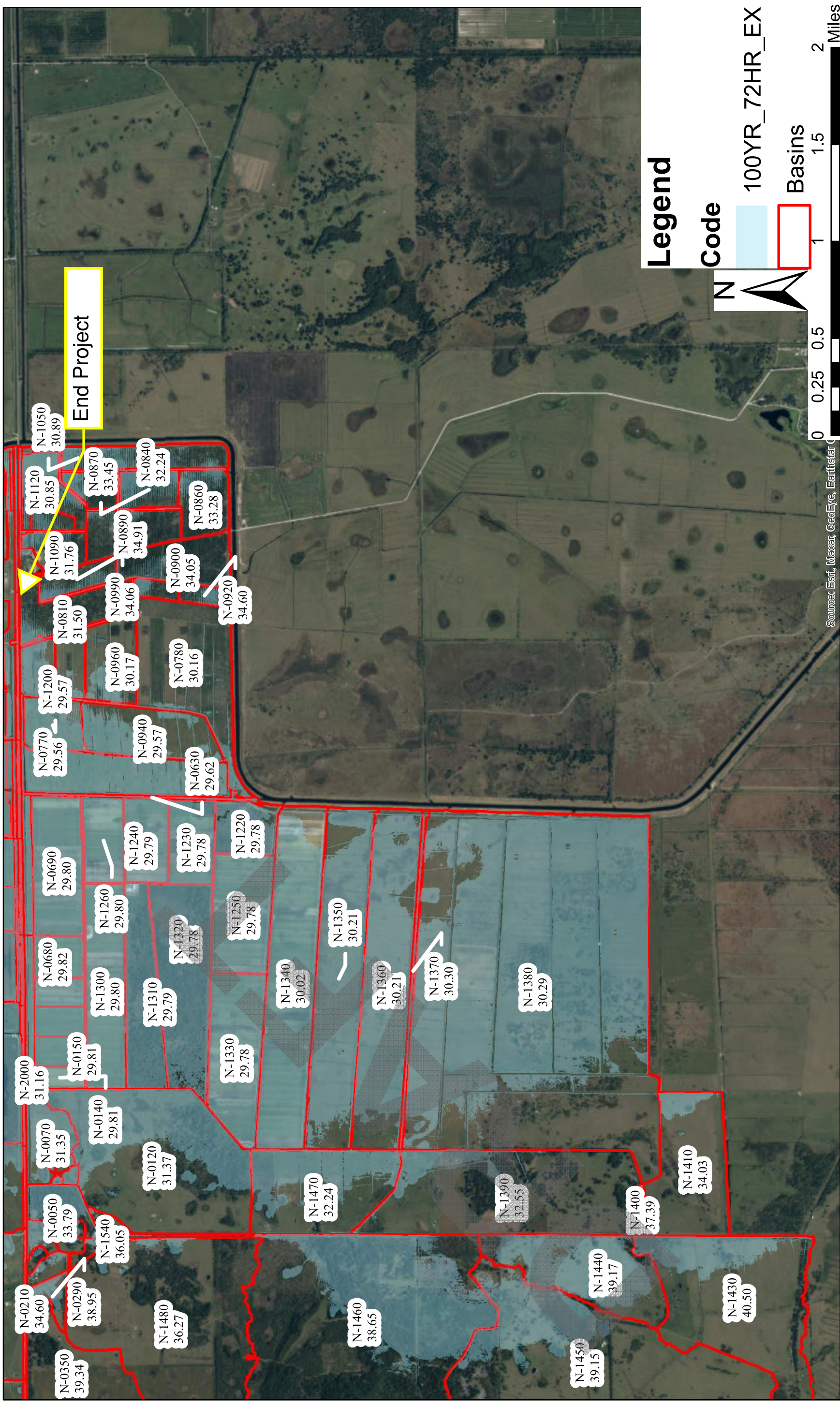


# 100 Year - 72 Hour Inundation Existing Condition



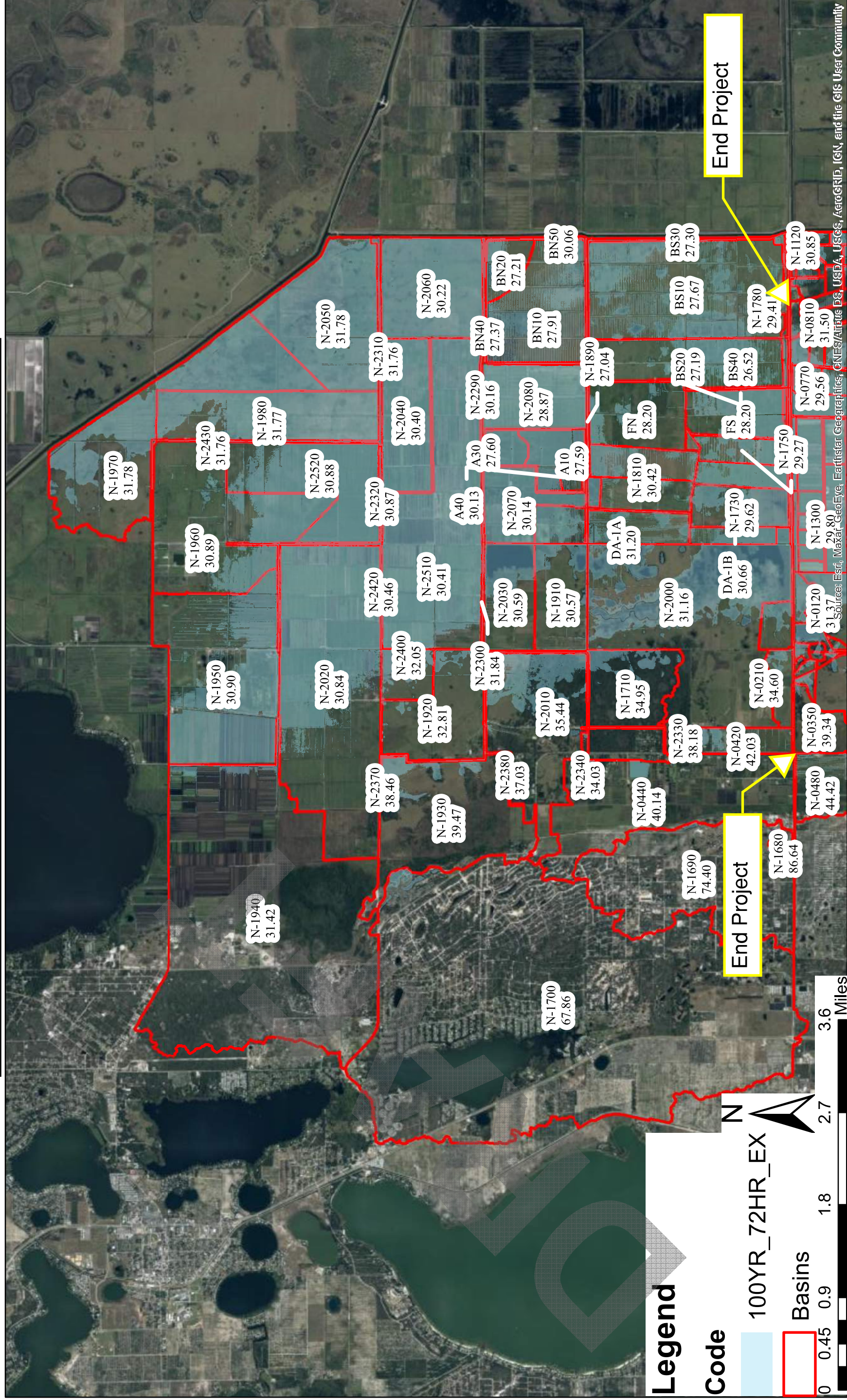
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# 100 Year - 72 Hour Inundation Existing Condition

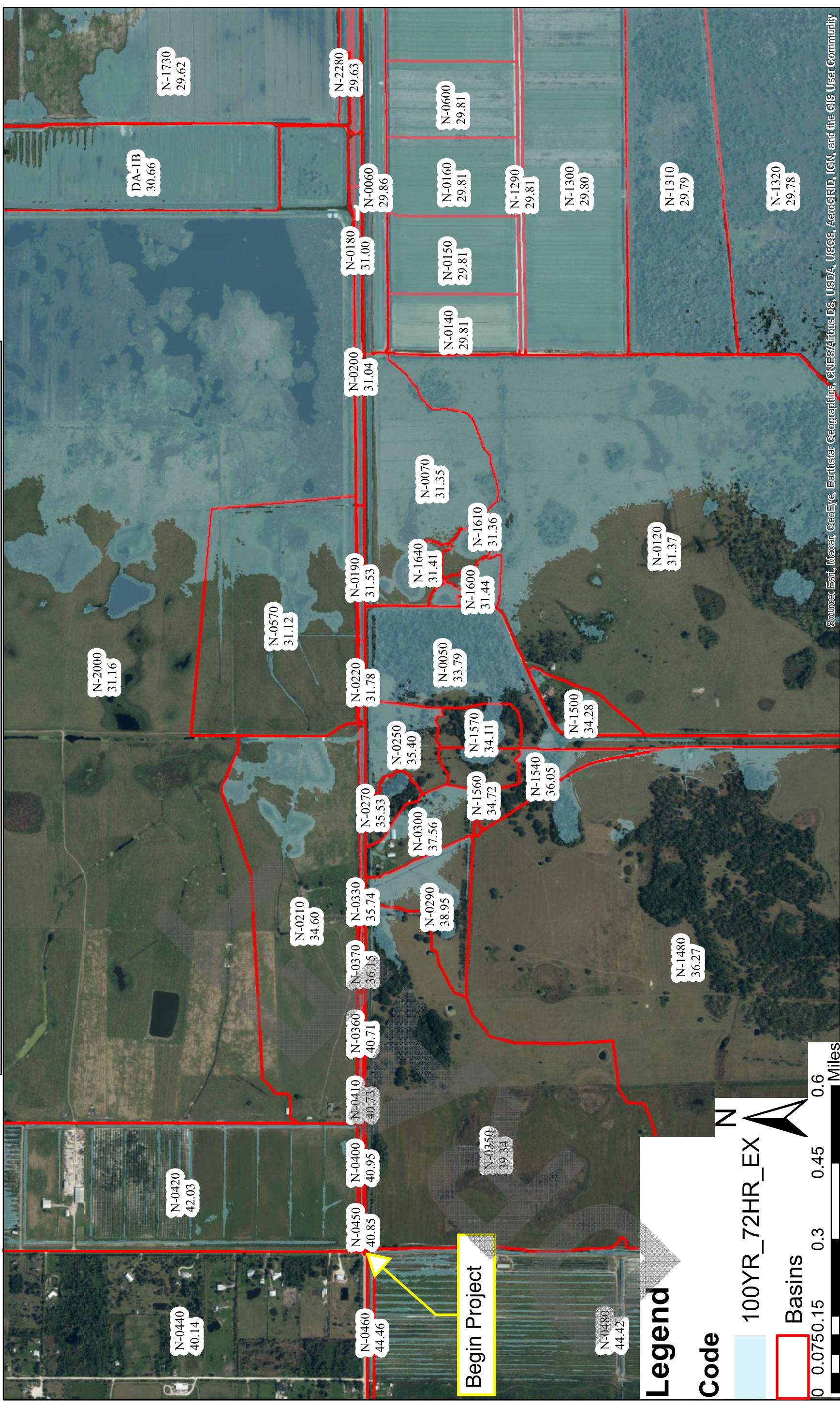


Source: Esri, Maxar, GeoEye, Earthstar

# 100 Year - 72 Hour Inundation Existing Condition

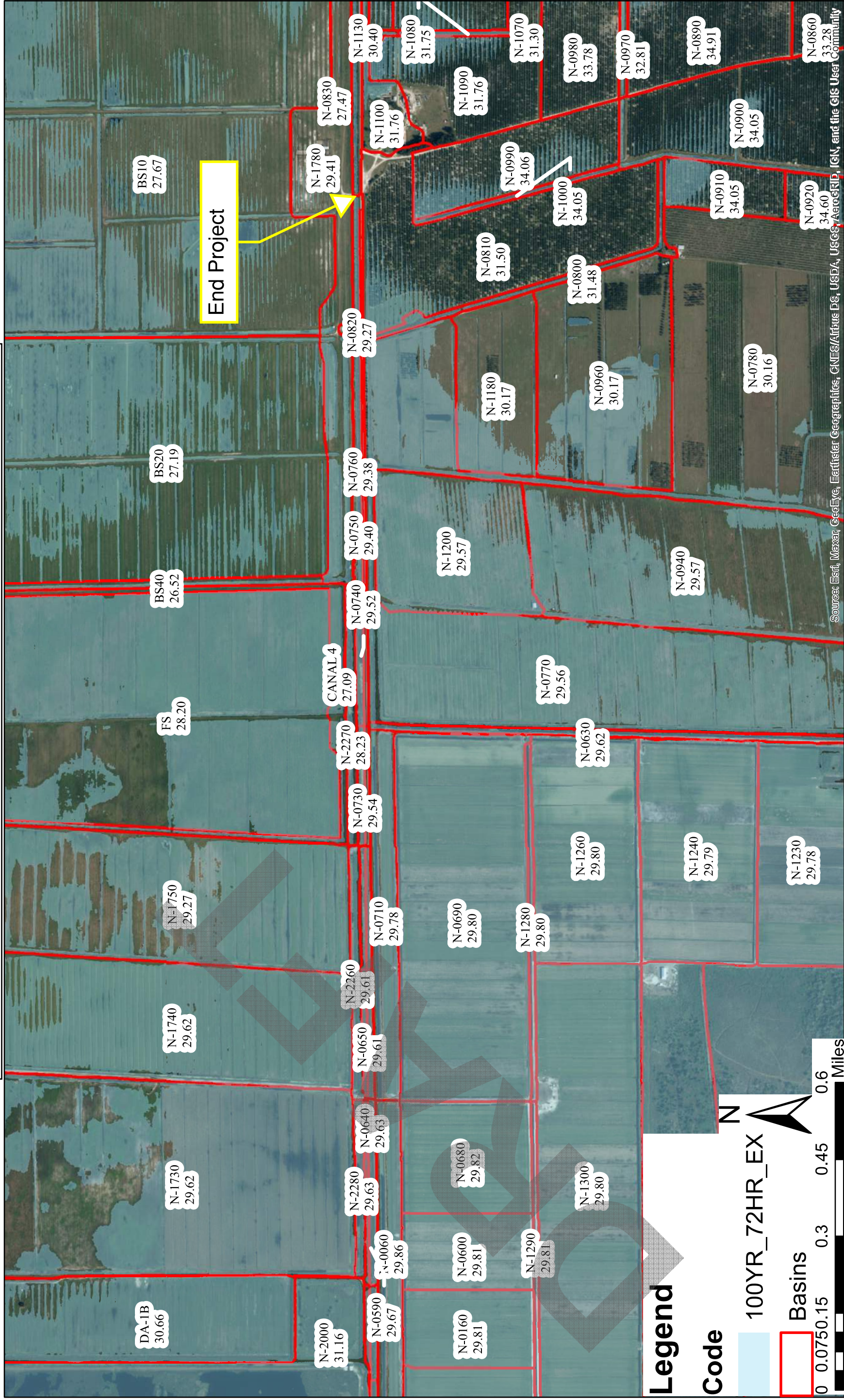


# 100 Year - 72 Hour Inundation Existing Condition



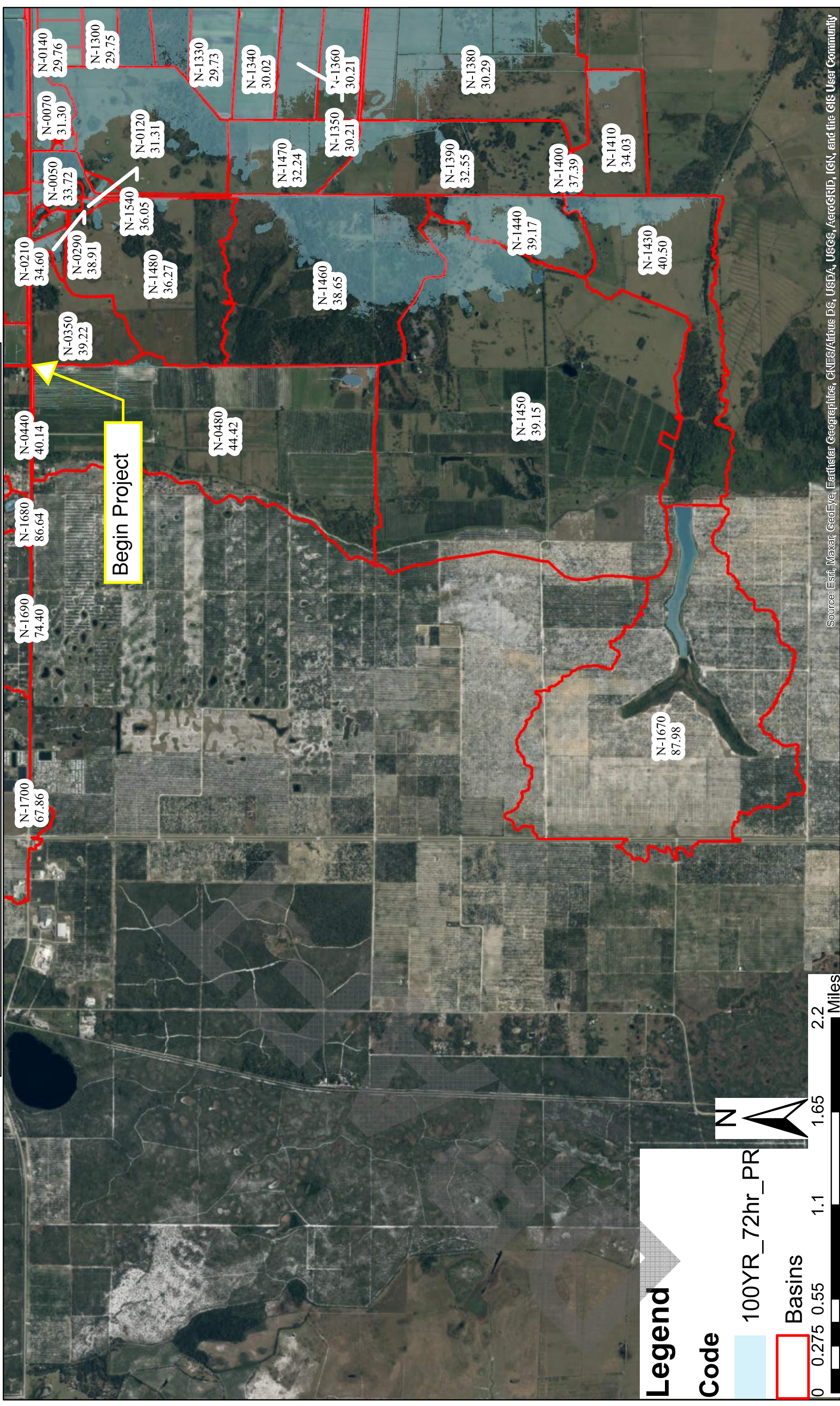
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# 100 Year - 72 Hour Inundation Existing Condition

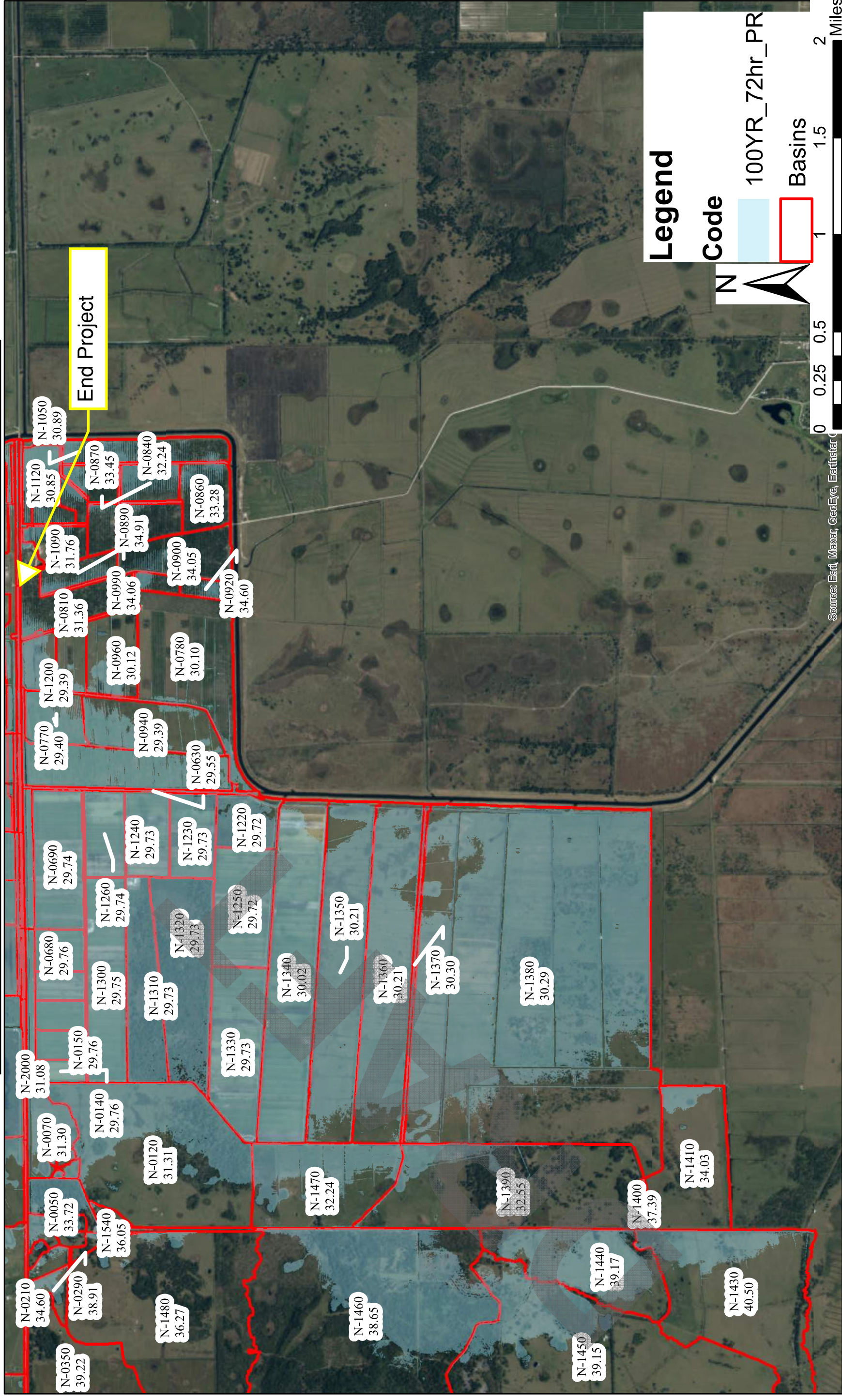


Source: Esti, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# 100 Year - 72 Hour Inundation Proposed Condition



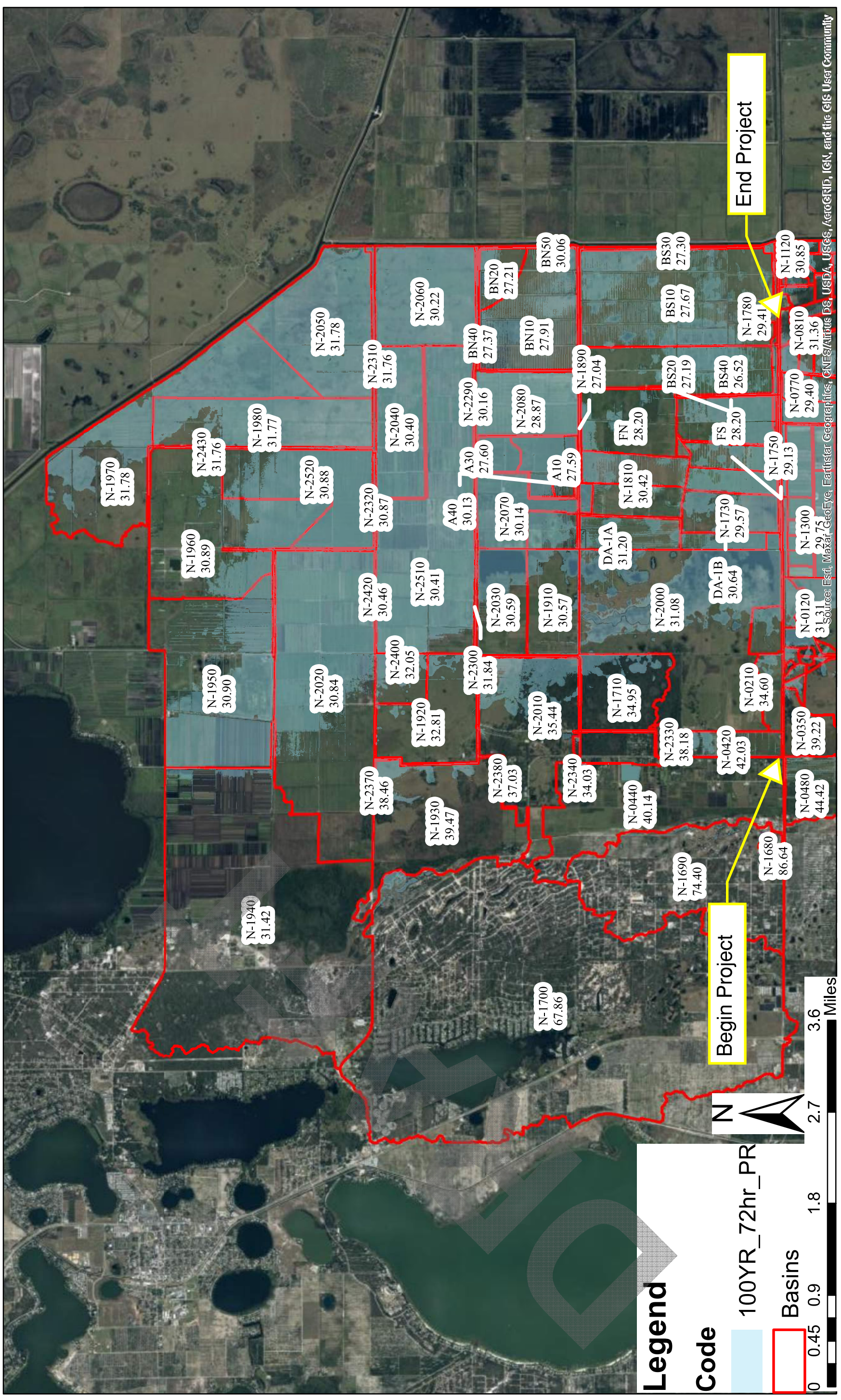
# 100 Year - 72 Hour Inundation Proposed Condition



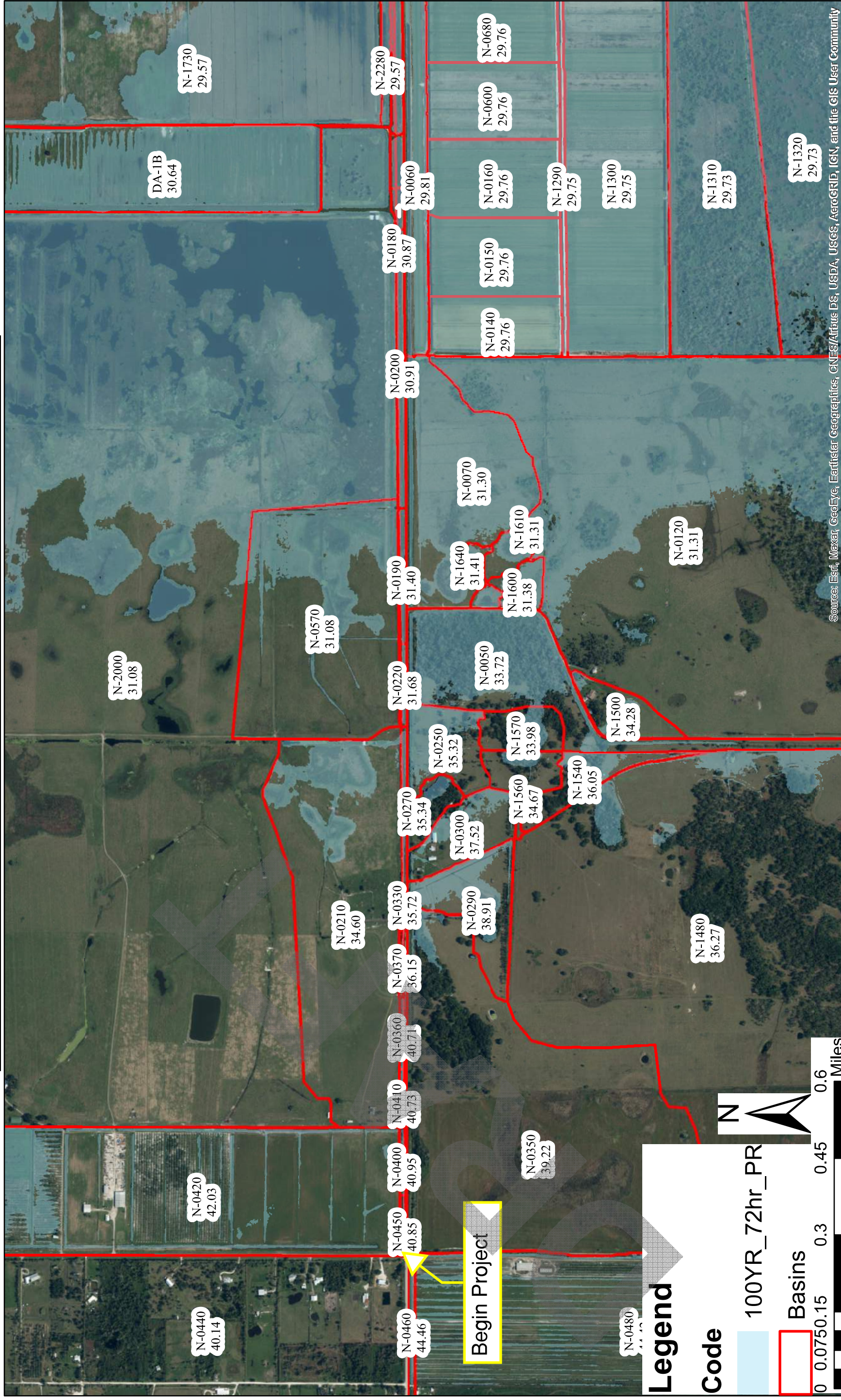
Source: Esri, Maxar, GeoEye, Earthstar



# 100 Year - 72 Hour Inundation Proposed Condition

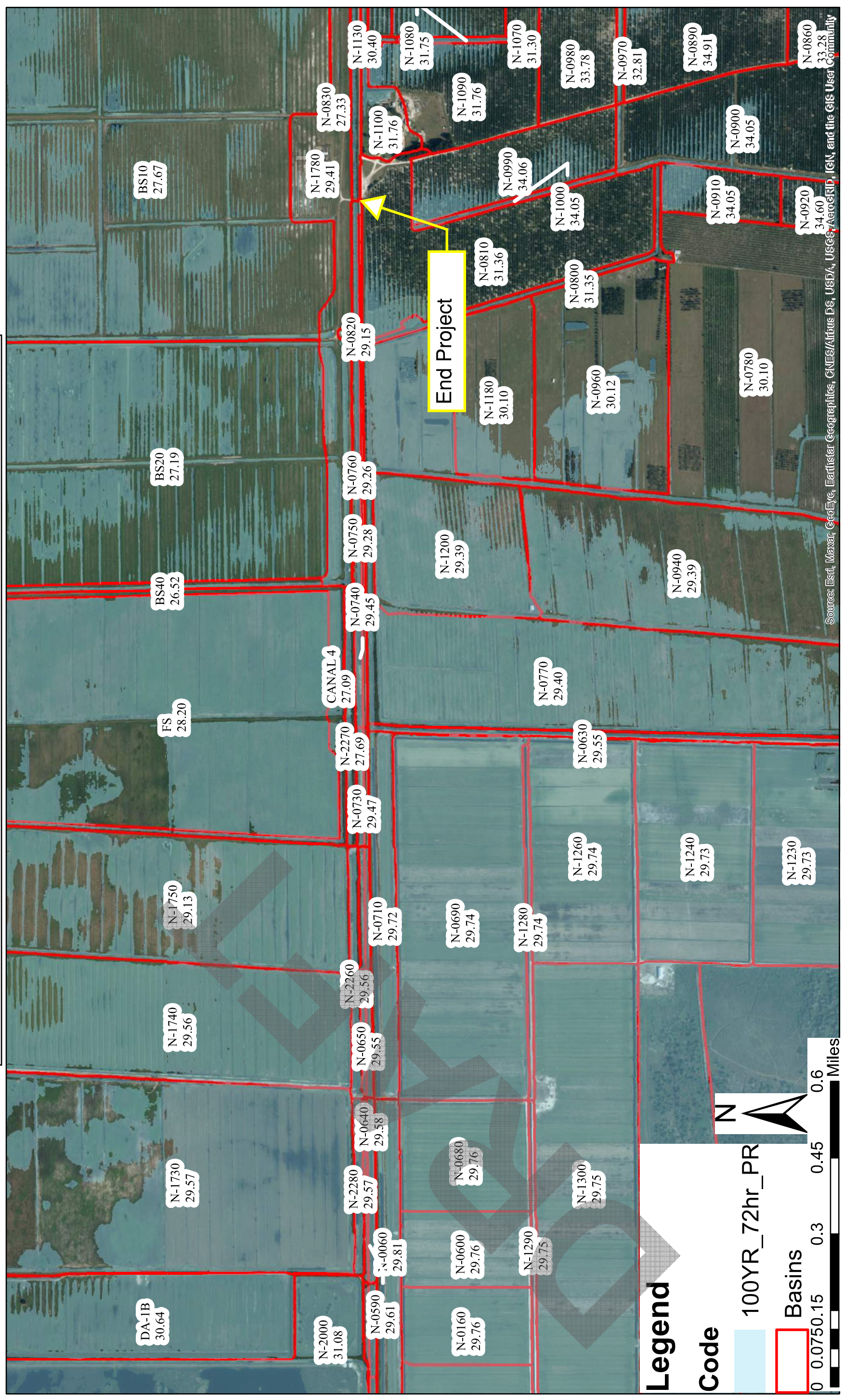


# 100 Year - 72 Hour Inundation Proposed Condition



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# 100 Year - 72 Hour Inundation Proposed Condition



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## Floodplain Compensation Calculations

**DRAFT**

**STAGE STORAGE CALCULATIONS - FPC 1A/B**

		ELEV.	AREA (AC)	AVG AREA (AC)	DELTA (FT)	DELTA STORAGE (AC-FT)	SUM STORAGE (AC-FT)
Compensation	Top	44.00	19.00				18.50
				18.50	1.00	18.50	
	Bottom	43.00	18				0.00

R/W area = 19 AC.

**STAGE STORAGE CALCULATIONS - FPC 2A/B**

		ELEV.	AREA (AC)	AVG AREA (AC)	DELTA (FT)	DELTA STORAGE (AC-FT)	SUM STORAGE (AC-FT)
Compensation	Top	34.00	31.50				30.00
				30.00	1.00	30.00	
	Bottom	33.00	28.5				0.00

R/W area = 31.5 AC.

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## Time Of Concentration Calculations

**DRAFT**



**NOAA Atlas 14, Volume 9, Version 2**  
**Location name: Lake Placid, Florida, USA\***  
**Latitude: 27.2049°, Longitude: -81.2332°**  
**Elevation: 30.43 ft\*\***



\* source: ESRI Maps  
 \*\* source: USGS

**POINT PRECIPITATION FREQUENCY ESTIMATES**

Sanja Perica, Deborah Martin, Sandra Pavlovic, Ishani Roy, Michael St. Laurent, Carl Trypaluk, Dale Unruh, Michael Yekta, Geoffery Bonnin

NOAA, National Weather Service, Silver Spring, Maryland

[PF\\_tabular](#) | [PF\\_graphical](#) | [Maps & aeriels](#)

**PF tabular**

<b>PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)<sup>1</sup></b>										
<b>Duration</b>	<b>Average recurrence interval (years)</b>									
	<b>1</b>	<b>2</b>	<b>5</b>	<b>10</b>	<b>25</b>	<b>50</b>	<b>100</b>	<b>200</b>	<b>500</b>	<b>1000</b>
<b>5-min</b>	<b>0.530</b> (0.429-0.664)	<b>0.599</b> (0.484-0.751)	<b>0.706</b> (0.568-0.888)	<b>0.790</b> (0.633-0.999)	<b>0.901</b> (0.694-1.17)	<b>0.981</b> (0.741-1.30)	<b>1.06</b> (0.772-1.44)	<b>1.13</b> (0.792-1.59)	<b>1.22</b> (0.823-1.77)	<b>1.28</b> (0.846-1.91)
<b>10-min</b>	<b>0.777</b> (0.628-0.973)	<b>0.877</b> (0.708-1.10)	<b>1.03</b> (0.832-1.30)	<b>1.16</b> (0.927-1.46)	<b>1.32</b> (1.02-1.71)	<b>1.44</b> (1.09-1.90)	<b>1.55</b> (1.13-2.10)	<b>1.65</b> (1.16-2.32)	<b>1.78</b> (1.21-2.59)	<b>1.88</b> (1.24-2.79)
<b>15-min</b>	<b>0.947</b> (0.766-1.19)	<b>1.07</b> (0.864-1.34)	<b>1.26</b> (1.01-1.59)	<b>1.41</b> (1.13-1.78)	<b>1.61</b> (1.24-2.09)	<b>1.75</b> (1.32-2.31)	<b>1.89</b> (1.38-2.57)	<b>2.02</b> (1.41-2.83)	<b>2.17</b> (1.47-3.16)	<b>2.29</b> (1.51-3.40)
<b>30-min</b>	<b>1.44</b> (1.16-1.80)	<b>1.62</b> (1.31-2.03)	<b>1.91</b> (1.54-2.41)	<b>2.14</b> (1.72-2.71)	<b>2.44</b> (1.89-3.17)	<b>2.66</b> (2.01-3.52)	<b>2.87</b> (2.10-3.90)	<b>3.07</b> (2.15-4.31)	<b>3.31</b> (2.24-4.81)	<b>3.48</b> (2.30-5.18)
<b>60-min</b>	<b>1.84</b> (1.49-2.31)	<b>2.09</b> (1.69-2.62)	<b>2.48</b> (2.00-3.12)	<b>2.80</b> (2.24-3.54)	<b>3.24</b> (2.50-4.22)	<b>3.57</b> (2.70-4.73)	<b>3.89</b> (2.85-5.31)	<b>4.21</b> (2.96-5.94)	<b>4.63</b> (3.13-6.74)	<b>4.94</b> (3.27-7.35)
<b>2-hr</b>	<b>2.25</b> (1.83-2.80)	<b>2.55</b> (2.07-3.18)	<b>3.05</b> (2.47-3.81)	<b>3.46</b> (2.79-4.35)	<b>4.03</b> (3.14-5.23)	<b>4.47</b> (3.41-5.91)	<b>4.91</b> (3.62-6.67)	<b>5.36</b> (3.79-7.52)	<b>5.95</b> (4.06-8.62)	<b>6.40</b> (4.26-9.46)
<b>3-hr</b>	<b>2.42</b> (1.97-2.99)	<b>2.75</b> (2.24-3.41)	<b>3.30</b> (2.68-4.11)	<b>3.78</b> (3.05-4.73)	<b>4.45</b> (3.49-5.79)	<b>4.99</b> (3.82-6.60)	<b>5.54</b> (4.11-7.54)	<b>6.12</b> (4.36-8.58)	<b>6.90</b> (4.73-9.99)	<b>7.51</b> (5.01-11.1)
<b>6-hr</b>	<b>2.71</b> (2.22-3.33)	<b>3.08</b> (2.52-3.79)	<b>3.73</b> (3.04-4.61)	<b>4.31</b> (3.50-5.36)	<b>5.18</b> (4.10-6.74)	<b>5.89</b> (4.55-7.78)	<b>6.65</b> (4.97-9.04)	<b>7.47</b> (5.36-10.5)	<b>8.62</b> (5.96-12.5)	<b>9.54</b> (6.41-14.0)
<b>12-hr</b>	<b>3.04</b> (2.51-3.72)	<b>3.45</b> (2.84-4.23)	<b>4.20</b> (3.44-5.16)	<b>4.89</b> (3.99-6.04)	<b>5.94</b> (4.75-7.73)	<b>6.84</b> (5.33-9.02)	<b>7.81</b> (5.89-10.6)	<b>8.87</b> (6.42-12.4)	<b>10.4</b> (7.24-15.0)	<b>11.6</b> (7.86-16.9)
<b>24-hr</b>	<b>3.42</b> (2.84-4.16)	<b>3.93</b> (3.25-4.78)	<b>4.84</b> (3.99-5.91)	<b>5.67</b> (4.65-6.96)	<b>6.93</b> (5.57-8.96)	<b>8.00</b> (6.26-10.5)	<b>9.15</b> (6.93-12.3)	<b>10.4</b> (7.57-14.4)	<b>12.2</b> (8.53-17.4)	<b>13.6</b> (9.26-19.6)
<b>2-day</b>	<b>3.91</b> (3.26-4.72)	<b>4.55</b> (3.78-5.50)	<b>5.66</b> (4.69-6.86)	<b>6.64</b> (5.48-8.09)	<b>8.09</b> (6.50-10.3)	<b>9.28</b> (7.28-12.0)	<b>10.5</b> (8.00-14.0)	<b>11.9</b> (8.67-16.3)	<b>13.7</b> (9.67-19.4)	<b>15.2</b> (10.4-21.8)
<b>3-day</b>	<b>4.35</b> (3.63-5.23)	<b>4.98</b> (4.15-6.00)	<b>6.09</b> (5.06-7.35)	<b>7.07</b> (5.85-8.59)	<b>8.54</b> (6.89-10.9)	<b>9.75</b> (7.68-12.6)	<b>11.0</b> (8.42-14.6)	<b>12.4</b> (9.10-17.0)	<b>14.3</b> (10.1-20.2)	<b>15.9</b> (10.9-22.7)
<b>4-day</b>	<b>4.74</b> (3.97-5.69)	<b>5.37</b> (4.49-6.44)	<b>6.46</b> (5.39-7.78)	<b>7.45</b> (6.17-9.02)	<b>8.91</b> (7.22-11.3)	<b>10.1</b> (8.01-13.0)	<b>11.4</b> (8.75-15.1)	<b>12.8</b> (9.44-17.5)	<b>14.8</b> (10.5-20.8)	<b>16.4</b> (11.3-23.3)
<b>7-day</b>	<b>5.76</b> (4.84-6.87)	<b>6.46</b> (5.42-7.71)	<b>7.66</b> (6.41-9.17)	<b>8.72</b> (7.26-10.5)	<b>10.3</b> (8.33-12.9)	<b>11.5</b> (9.14-14.7)	<b>12.9</b> (9.87-16.9)	<b>14.3</b> (10.5-19.3)	<b>16.2</b> (11.6-22.7)	<b>17.8</b> (12.3-25.2)
<b>10-day</b>	<b>6.67</b> (5.62-7.93)	<b>7.45</b> (6.27-8.87)	<b>8.77</b> (7.36-10.5)	<b>9.91</b> (8.28-11.9)	<b>11.5</b> (9.38-14.4)	<b>12.9</b> (10.2-16.3)	<b>14.2</b> (10.9-18.5)	<b>15.6</b> (11.6-21.0)	<b>17.6</b> (12.5-24.4)	<b>19.1</b> (13.3-26.9)
<b>20-day</b>	<b>9.32</b> (7.89-11.0)	<b>10.3</b> (8.72-12.2)	<b>11.9</b> (10.1-14.1)	<b>13.3</b> (11.1-15.8)	<b>15.1</b> (12.3-18.6)	<b>16.5</b> (13.2-20.7)	<b>18.0</b> (13.9-23.2)	<b>19.4</b> (14.5-25.9)	<b>21.4</b> (15.3-29.4)	<b>22.8</b> (16.0-32.0)
<b>30-day</b>	<b>11.6</b> (9.82-13.6)	<b>12.7</b> (10.8-15.0)	<b>14.6</b> (12.4-17.3)	<b>16.2</b> (13.6-19.2)	<b>18.3</b> (14.9-22.3)	<b>19.8</b> (15.8-24.6)	<b>21.3</b> (16.5-27.3)	<b>22.8</b> (17.0-30.2)	<b>24.7</b> (17.8-33.8)	<b>26.2</b> (18.4-36.5)
<b>45-day</b>	<b>14.4</b> (12.3-16.9)	<b>15.9</b> (13.6-18.7)	<b>18.3</b> (15.5-21.5)	<b>20.1</b> (17.0-23.8)	<b>22.5</b> (18.3-27.3)	<b>24.2</b> (19.4-29.9)	<b>25.9</b> (20.1-32.9)	<b>27.4</b> (20.5-36.0)	<b>29.3</b> (21.2-39.8)	<b>30.7</b> (21.7-42.7)
<b>60-day</b>	<b>16.9</b> (14.5-19.8)	<b>18.7</b> (16.0-21.9)	<b>21.5</b> (18.3-25.2)	<b>23.6</b> (20.0-27.8)	<b>26.3</b> (21.5-31.7)	<b>28.2</b> (22.6-34.7)	<b>30.0</b> (23.3-37.9)	<b>31.6</b> (23.6-41.3)	<b>33.5</b> (24.2-45.2)	<b>34.8</b> (24.6-48.2)

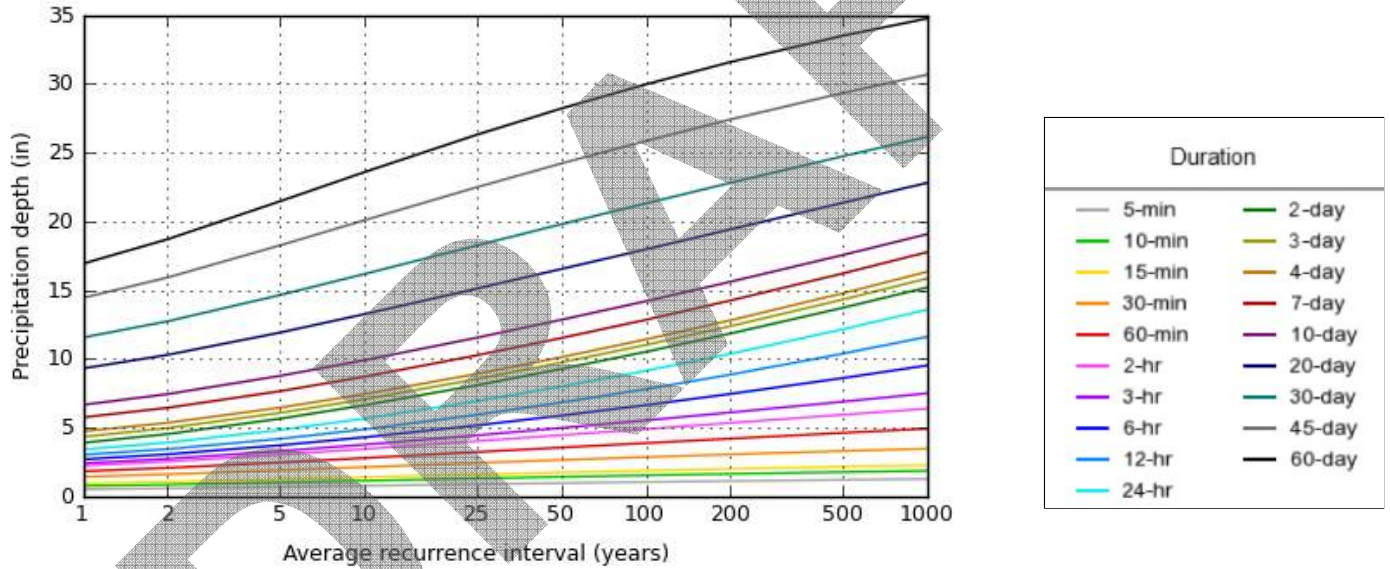
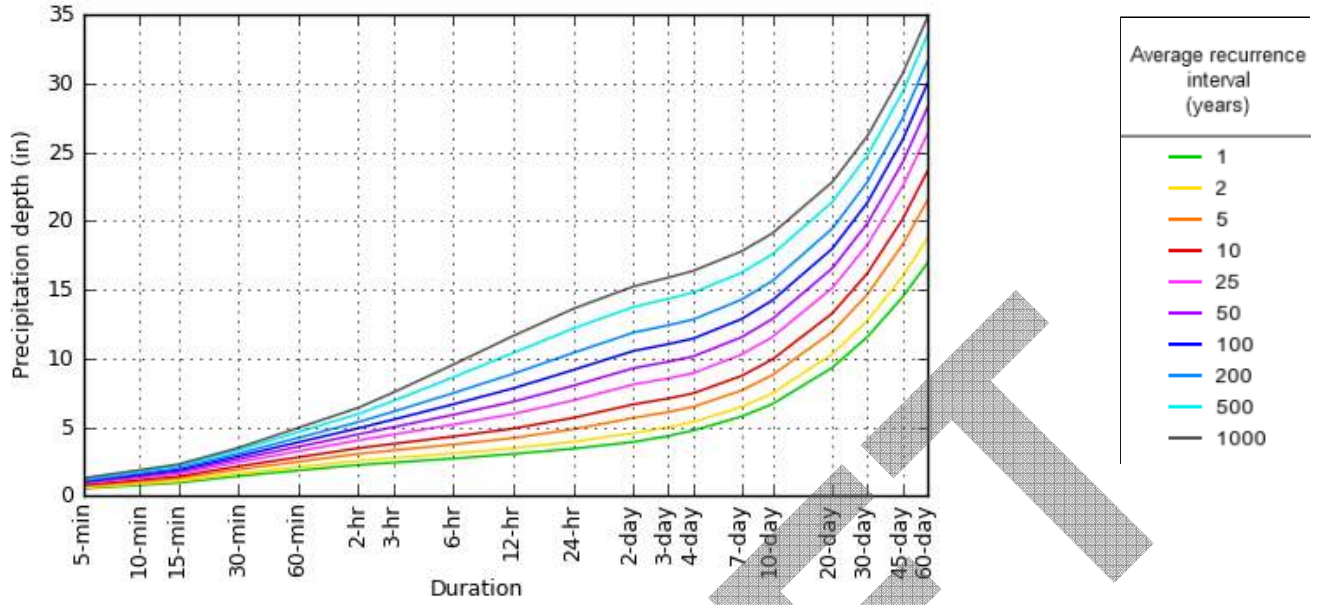
<sup>1</sup> Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS). Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values. Please refer to NOAA Atlas 14 document for more information.

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**PF graphical**

### PDS-based depth-duration-frequency (DDF) curves

Latitude: 27.2049°, Longitude: -81.2332°



NOAA Atlas 14, Volume 9, Version 2

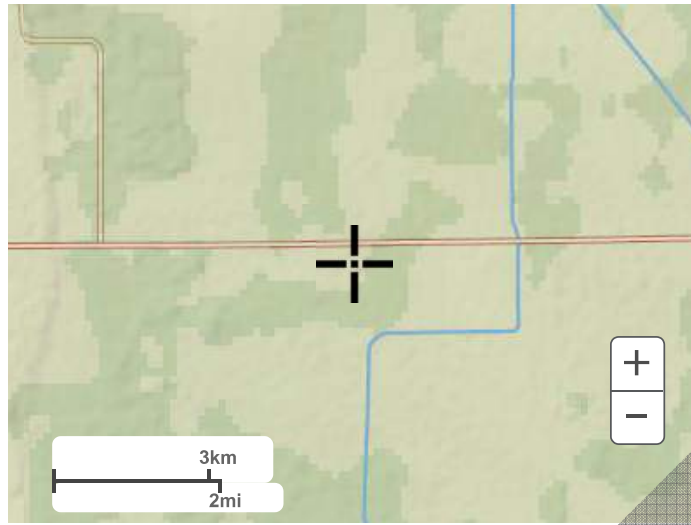
Created (GMT): Mon Feb 22 22:54:12 2021

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### Maps & aerials

Small scale terrain





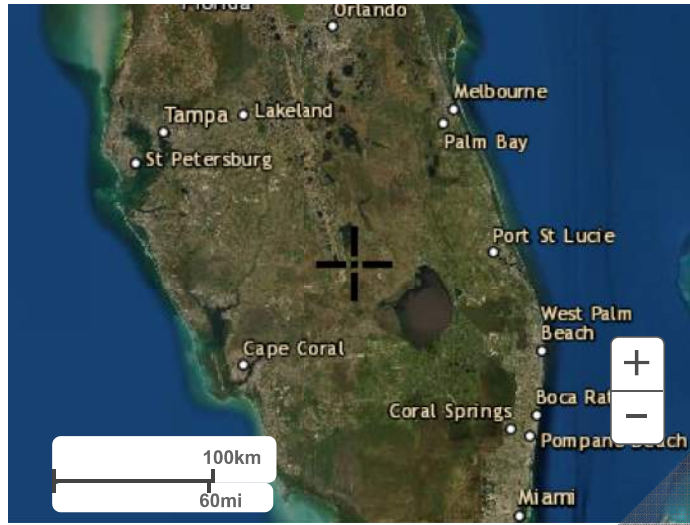
Large scale terrain



Large scale map



Large scale aerial



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DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0120
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	31.2
End EL (ft)	31.1
Slope (ft/ft)	0.001
Manning n	0.15
P (in)	4.6
Tc (min)	27.09
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	2410
Begin EL (ft)	31.1
End EL (ft)	27.7
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.61
Tc (min)	66.28
<b>TOTAL Tc*</b>	<b>93</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0140
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	29.2
End EL (ft)	27.7
Slope (ft/ft)	0.015
Manning n	0.15
P (in)	4.6
Tc (min)	9.17
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1308
Begin EL (ft)	27.7
End EL (ft)	25.9
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.60
Tc (min)	36.42
<b>TOTAL Tc*</b>	<b>46</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-0150
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	29.0
End EL (ft)	27.7
Slope (ft/ft)	0.013
Manning n	0.15
P (in)	4.6
Tc (min)	9.71
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1278
Begin EL (ft)	27.7
End EL (ft)	26.1
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.57
Tc (min)	37.31
<b>TOTAL Tc*</b>	<b>47</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-0160
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	28.1
End EL (ft)	26.7
Slope (ft/ft)	0.014
Manning n	0.15
P (in)	4.6
Tc (min)	9.43
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1294
Begin EL (ft)	26.7
End EL (ft)	25.9
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.40
Tc (min)	53.76
<b>TOTAL Tc*</b>	<b>63</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-0210
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	42.2
End EL (ft)	42.1
Slope (ft/ft)	0.001
Manning n	0.15
P (in)	4.6
Tc (min)	27.09
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	2485
Begin EL (ft)	42.1
End EL (ft)	33.1
Unpaved Slope (ft/ft)	0.004
Vel. (ft/sec)	0.97
Tc (min)	42.65
<b>TOTAL Tc*</b>	<b>70</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-0350
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	45.5
End EL (ft)	44.8
Slope (ft/ft)	0.007
Manning n	0.15
P (in/hr)	4.6
Tc (min)	12.44
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	5212
Begin EL (ft)	44.8
End EL (ft)	38.0
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.58
Tc (min)	149.05
<b>TOTAL Tc*</b>	<b>161</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-0440
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	87.3
End EL (ft)	70.9
Slope (ft/ft)	0.164
Manning n	0.15
P (in/hr)	3.9
Tc (min)	3.81
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	2915
Begin EL (ft)	70.9
End EL (ft)	48.9
Unpaved Slope (ft/ft)	0.008
Vel. (ft/sec)	1.40
Tc (min)	34.66
<b>TOTAL Tc*</b>	<b>38</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

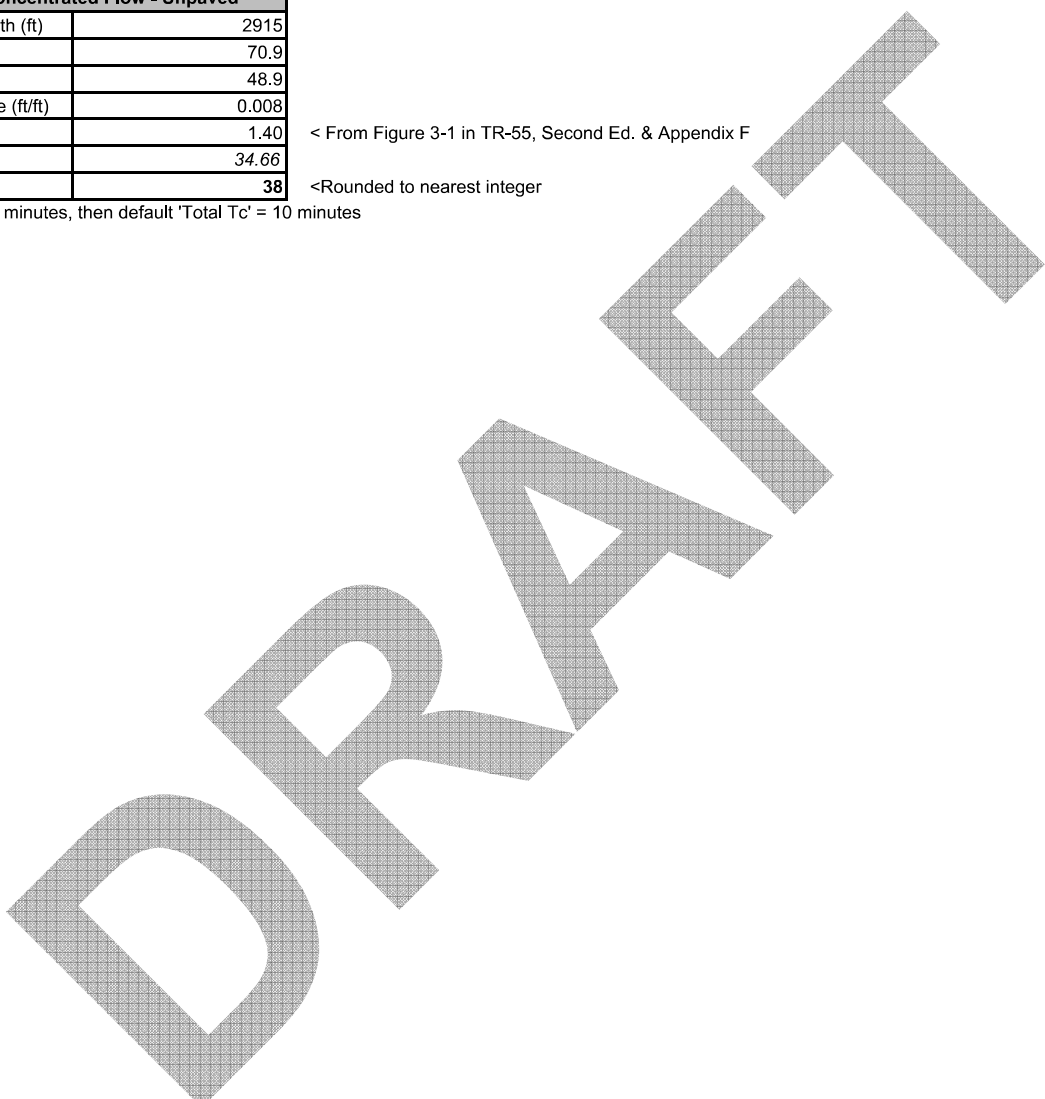
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< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0480
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	98.2
End EL (ft)	84.7
Slope (ft/ft)	0.135
Manning n	0.15
P (in)	4.6
Tc (min)	3.81
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	4166
Begin EL (ft)	84.7
End EL (ft)	42.0
Unpaved Slope (ft/ft)	0.010
Vel. (ft/sec)	1.63
Tc (min)	42.51
<b>TOTAL Tc*</b>	<b>46</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

<b>BASIN ID:</b>	B-0570
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	34.6
End EL (ft)	31.6
Slope (ft/ft)	0.030
Manning n	0.15
P (in)	4.6
Tc (min)	6.95
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	3172
Begin EL (ft)	31.6
End EL (ft)	27.0
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.61
Tc (min)	86.04
<b>TOTAL Tc*</b>	<b>93</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

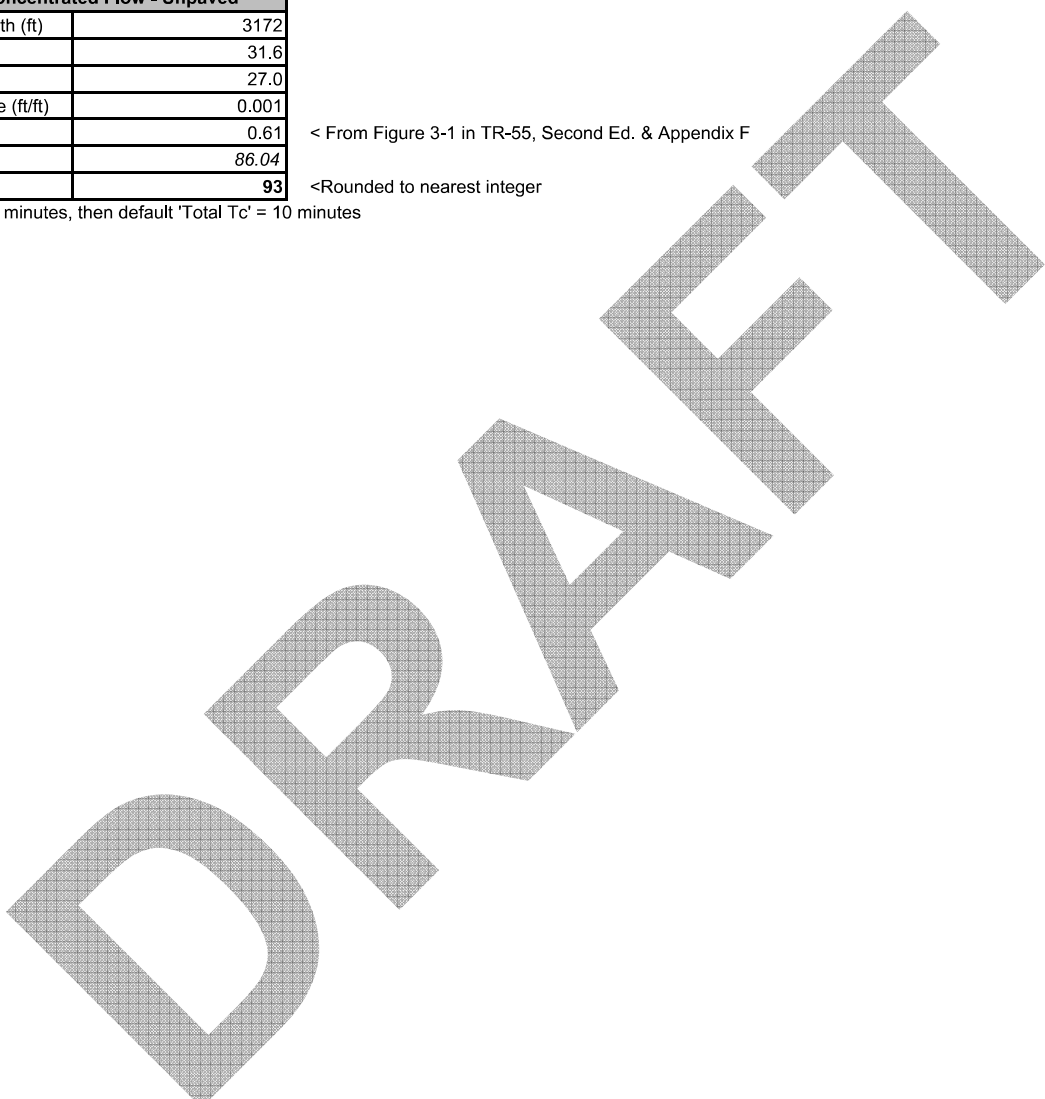
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< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0590
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	34.8
End EL (ft)	31.6
Slope (ft/ft)	0.032
Manning n	0.15
P (in)	4.6
Tc (min)	6.77
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	3177
Begin EL (ft)	31.6
End EL (ft)	27.0
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.61
Tc (min)	86.25
<b>TOTAL Tc*</b>	<b>93</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage D

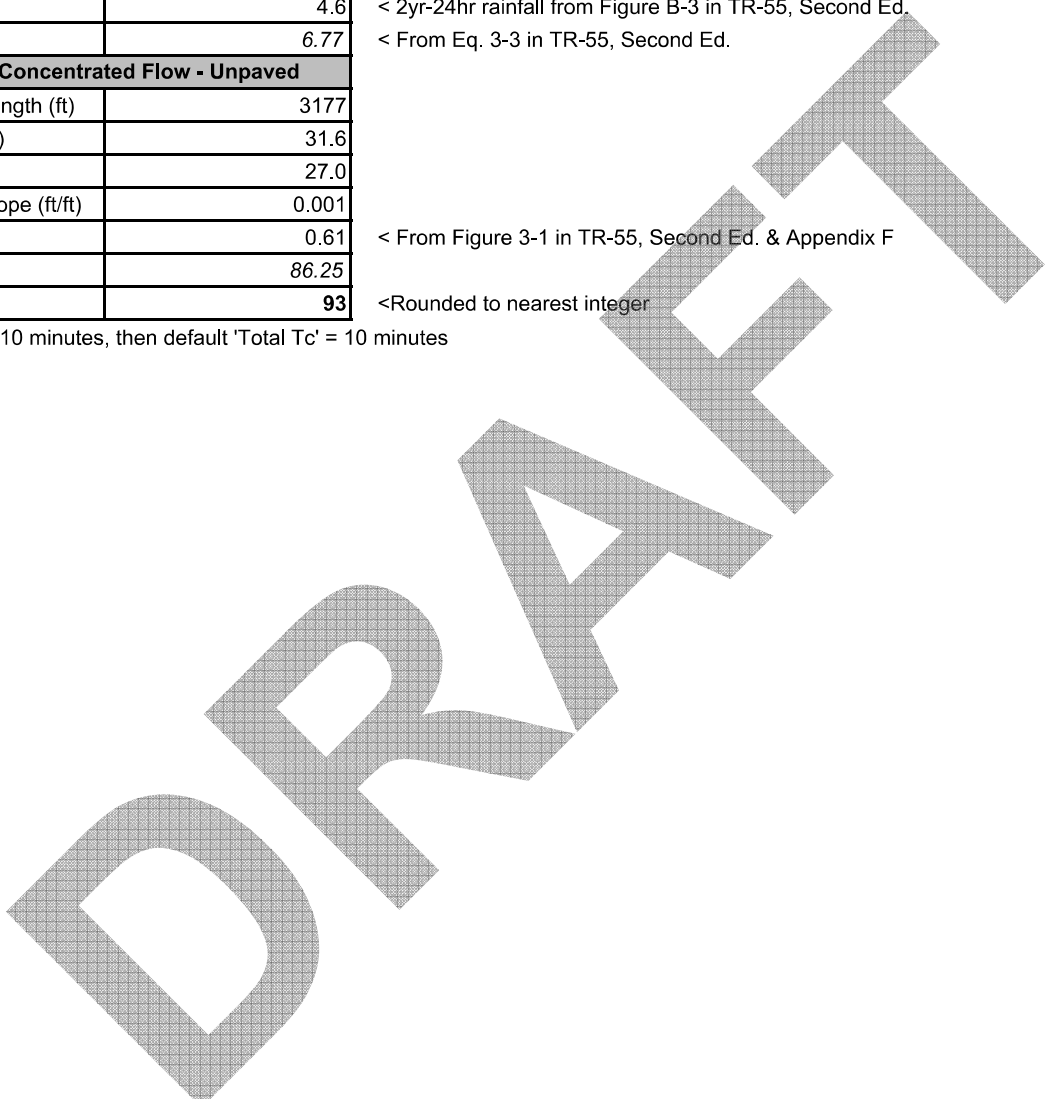
< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0600
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	27.8
End EL (ft)	26.1
Slope (ft/ft)	0.0170
Manning n	0.15
P (in)	4.6
Tc (min)	8.72
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1254
Begin EL (ft)	26.1
End EL (ft)	25.9
Unpaved Slope (ft/ft)	0.0002
Vel. (ft/sec)	0.20
Tc (min)	102.57
<b>TOTAL Tc*</b>	<b>111</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0680
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	27.5
End EL (ft)	26.2
Slope (ft/ft)	0.0130
Manning n	0.15
P (in)	4.6
Tc (min)	9.71
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1308
Begin EL (ft)	26.2
End EL (ft)	25.9
Unpaved Slope (ft/ft)	0.0002
Vel. (ft/sec)	0.24
Tc (min)	89.22
<b>TOTAL Tc*</b>	<b>99</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0690
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	29.4
End EL (ft)	26.0
Slope (ft/ft)	0.034
Manning n	0.15
P (in)	4.6
Tc (min)	6.61
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1242
Begin EL (ft)	26.0
End EL (ft)	25.9
Unpaved Slope (ft/ft)	0.0001
Vel. (ft/sec)	0.14
Tc (min)	142.98
<b>TOTAL Tc*</b>	<b>150</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

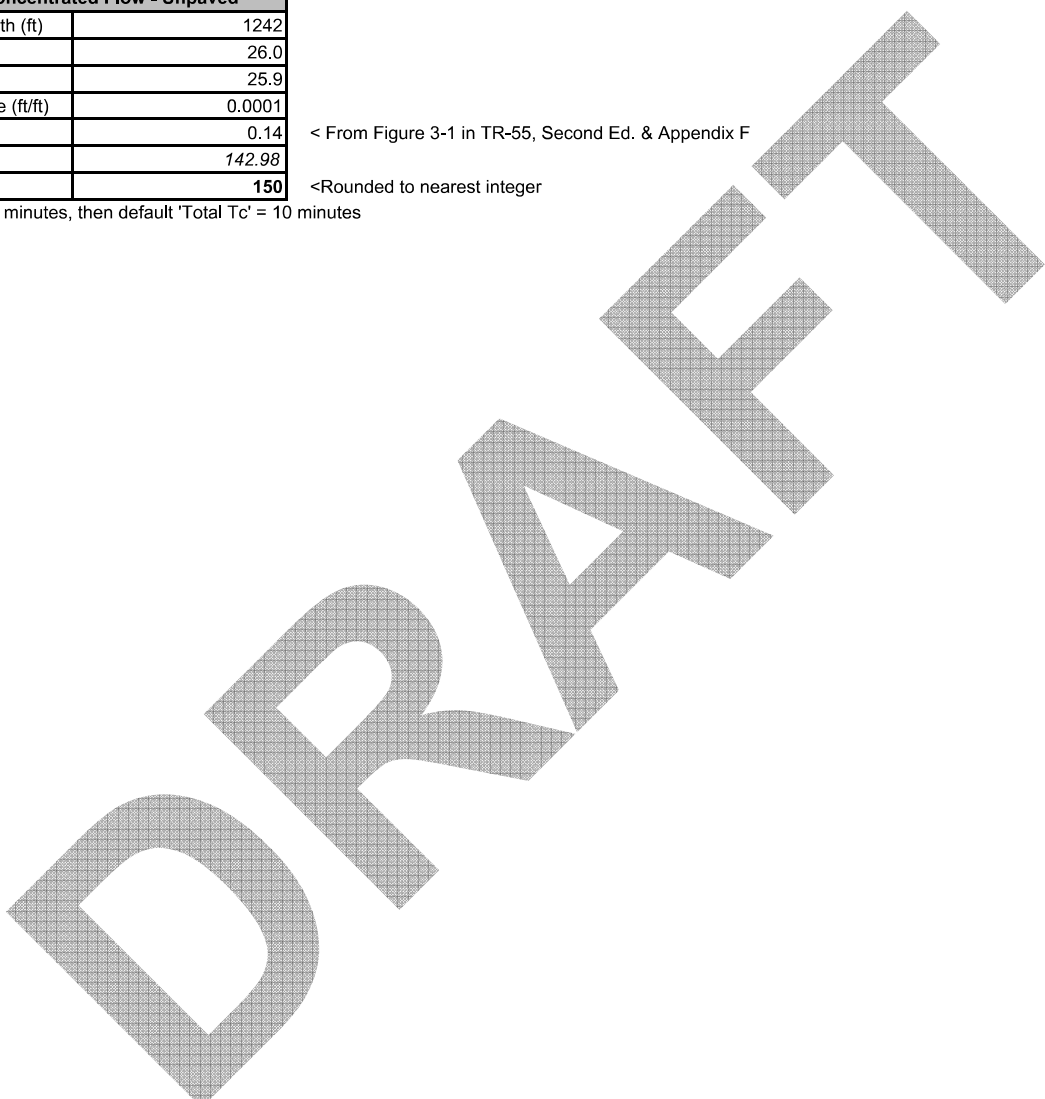
< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0780
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	31.1
End EL (ft)	26.4
Slope (ft/ft)	0.047
Manning n	0.15
P (in)	3.9
<i>Tc (min)</i>	6.28
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1200
Begin EL (ft)	26.4
End EL (ft)	26.0
Unpaved Slope (ft/ft)	0.0003
Vel. (ft/sec)	0.29
<i>Tc (min)</i>	67.89
<b>TOTAL Tc*</b>	<b>74</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage D

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0840
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	40.2
End EL (ft)	31.3
Slope (ft/ft)	0.089
Manning n	0.15
P (in)	4.6
Tc (min)	4.50
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	504
Begin EL (ft)	31.3
End EL (ft)	29.0
Unpaved Slope (ft/ft)	0.005
Vel. (ft/sec)	1.09
Tc (min)	7.71
<b>TOTAL Tc*</b>	<b>12</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0850
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	32.9
End EL (ft)	25.5
Slope (ft/ft)	0.074
Manning n	0.15
P (in)	4.6
Tc (min)	4.84
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	2859
Begin EL (ft)	25.5
End EL (ft)	24.2
Unpaved Slope (ft/ft)	0.000
Vel. (ft/sec)	0.34
Tc (min)	138.50
<b>TOTAL Tc*</b>	<b>143</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0860
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	37.3
End EL (ft)	35.3
Slope (ft/ft)	0.020
Manning n	0.15
P (in)	4.6
Tc (min)	8.17
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1623
Begin EL (ft)	35.3
End EL (ft)	30.4
Unpaved Slope (ft/ft)	0.003
Vel. (ft/sec)	0.89
Tc (min)	30.51
<b>TOTAL Tc*</b>	<b>39</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0870
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	34.7
End EL (ft)	32.7
Slope (ft/ft)	0.020
Manning n	0.15
P (in)	4.6
Tc (min)	8.17
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	861
Begin EL (ft)	32.7
End EL (ft)	32.5
Unpaved Slope (ft/ft)	0.000
Vel. (ft/sec)	0.25
Tc (min)	58.36
<b>TOTAL Tc*</b>	<b>67</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0880
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	36.8
End EL (ft)	30.4
Slope (ft/ft)	0.064
Manning n	0.15
P (in)	4.6
Tc (min)	5.13
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1534
Begin EL (ft)	30.4
End EL (ft)	29.9
Unpaved Slope (ft/ft)	0.000
Vel. (ft/sec)	0.29
Tc (min)	87.77
<b>TOTAL Tc*</b>	<b>93</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-0890
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	36.8
End EL (ft)	35.2
Slope (ft/ft)	0.016
Manning n	0.15
P (in)	4.6
Tc (min)	8.94
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1043
Begin EL (ft)	35.2
End EL (ft)	32.6
Unpaved Slope (ft/ft)	0.002
Vel. (ft/sec)	0.81
Tc (min)	21.58
<b>TOTAL Tc*</b>	<b>31</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

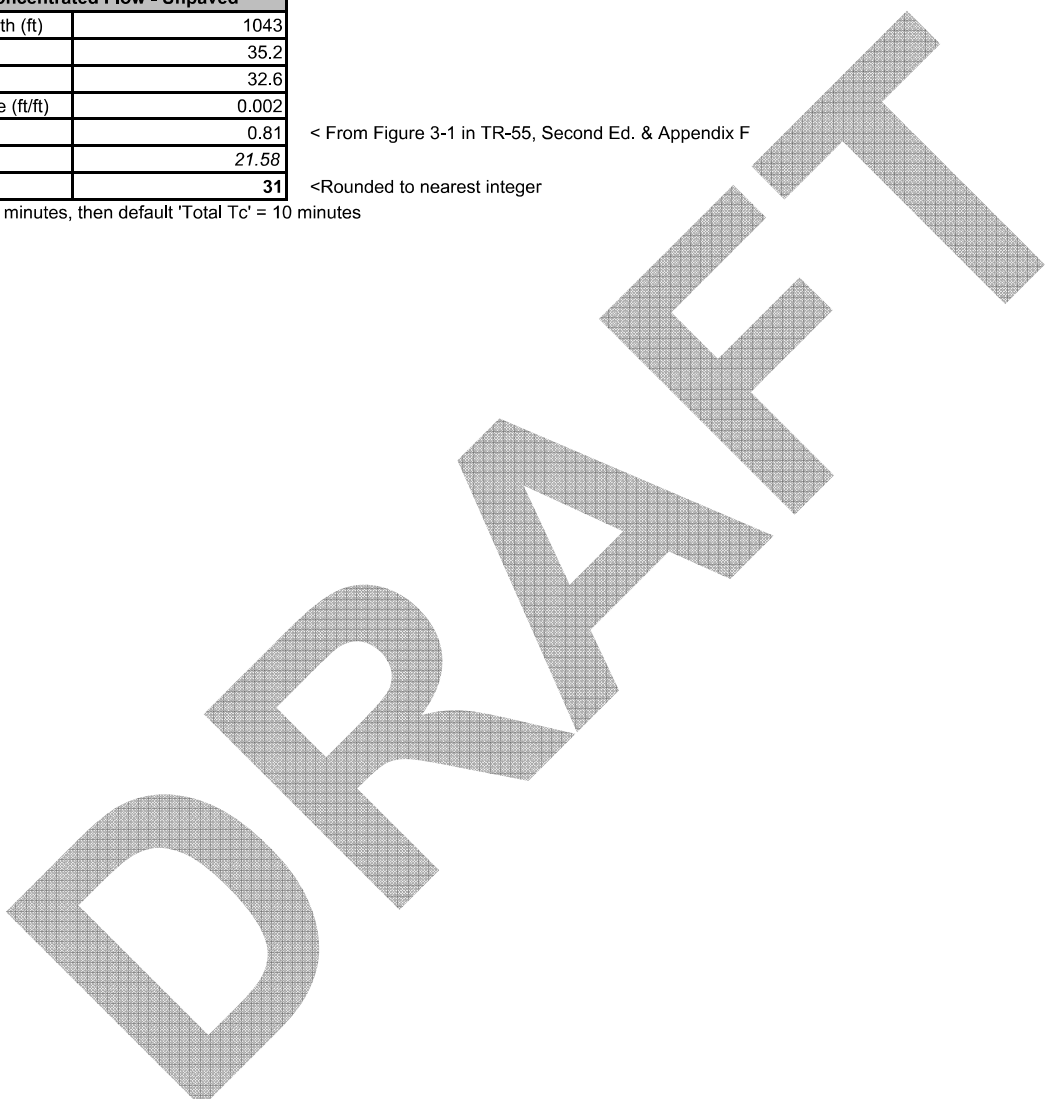
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< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-0900
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	41.0
End EL (ft)	37.6
Slope (ft/ft)	0.034
Manning n	0.15
P (in)	4.6
Tc (min)	6.61
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1400
Begin EL (ft)	37.6
End EL (ft)	34.6
Unpaved Slope (ft/ft)	0.002
Vel. (ft/sec)	0.75
Tc (min)	31.24
<b>TOTAL Tc*</b>	<b>38</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-0910
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	35.3
End EL (ft)	34.6
Slope (ft/ft)	0.007
Manning n	0.15
P (in)	4.6
Tc (min)	12.44
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	349
Begin EL (ft)	34.6
End EL (ft)	33.8
Unpaved Slope (ft/ft)	0.002
Vel. (ft/sec)	0.77
Tc (min)	7.53
<b>TOTAL Tc*</b>	<b>20</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-0920
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	35.2
End EL (ft)	34.8
Slope (ft/ft)	0.004
Manning n	0.15
P (in)	4.6
Tc (min)	15.56
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	373
Begin EL (ft)	34.8
End EL (ft)	34.4
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.53
Tc (min)	11.77
<b>TOTAL Tc*</b>	<b>27</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-0970
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	37.9
End EL (ft)	31.2
Slope (ft/ft)	0.067
Manning n	0.15
P (in)	4.6
Tc (min)	5.04
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	2145
Begin EL (ft)	31.2
End EL (ft)	29.9
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.40
Tc (min)	90.00
<b>TOTAL Tc*</b>	<b>95</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1090
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	36.9
End EL (ft)	35.1
Slope (ft/ft)	0.018
Manning n	0.15
P (in)	4.6
Tc (min)	8.52
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1416
Begin EL (ft)	35.1
End EL (ft)	29.6
Unpaved Slope (ft/ft)	0.004
Vel. (ft/sec)	1.01
Tc (min)	23.43
<b>TOTAL Tc*</b>	<b>32</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

<b>BASIN ID:</b>	B-1100
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	37.1
End EL (ft)	36.1
Slope (ft/ft)	0.010
Manning n	0.15
P (in)	4.6
Tc (min)	10.78
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1264
Begin EL (ft)	36.1
End EL (ft)	29.3
Unpaved Slope (ft/ft)	0.005
Vel. (ft/sec)	1.18
Tc (min)	17.80
<b>TOTAL Tc*</b>	<b>29</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

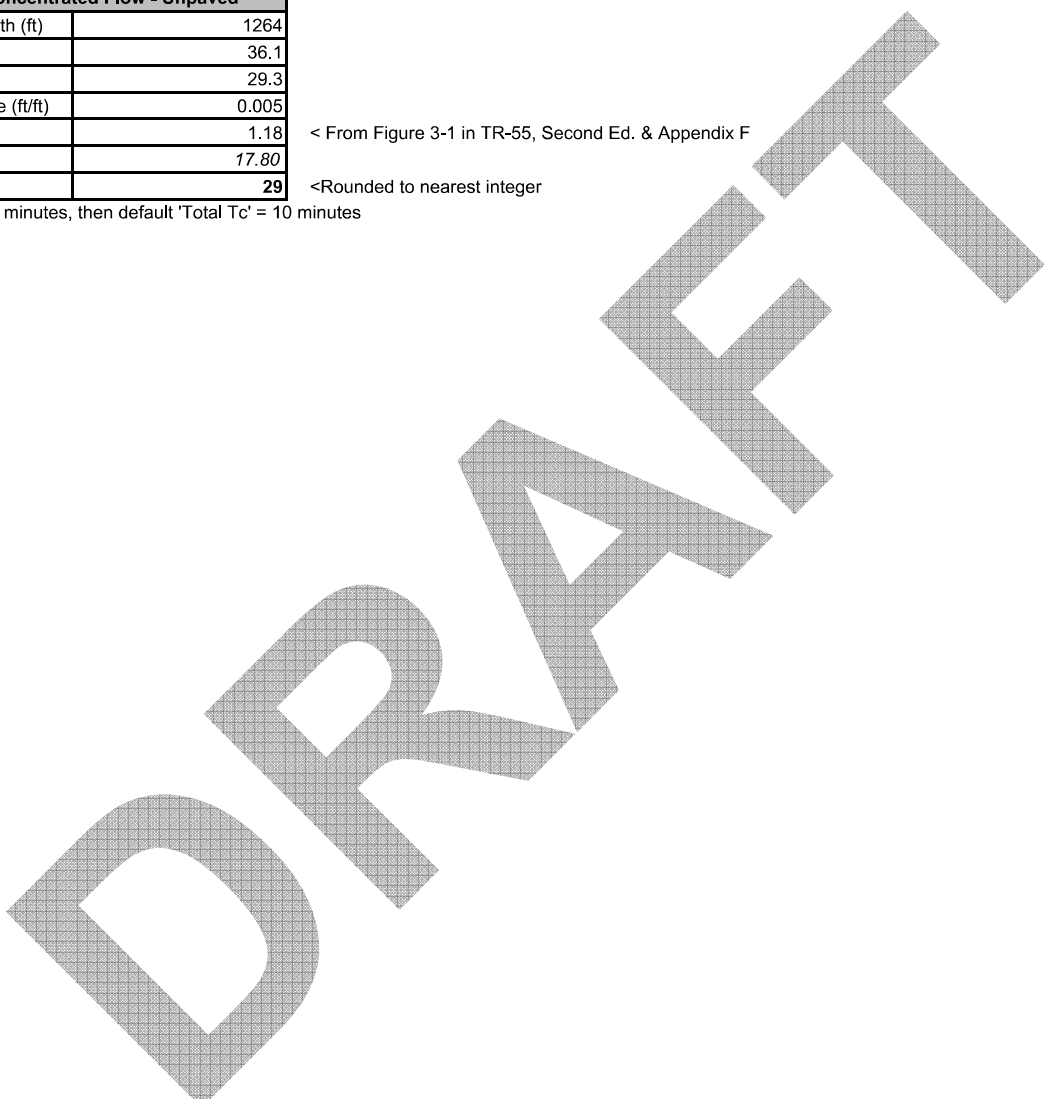
< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1140
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	33.7
End EL (ft)	33.0
Slope (ft/ft)	0.007
Manning n	0.15
P (in)	4.6
Tc (min)	12.44
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1510
Begin EL (ft)	33.0
End EL (ft)	25.0
Unpaved Slope (ft/ft)	0.005
Vel. (ft/sec)	1.17
Tc (min)	21.43
<b>TOTAL Tc*</b>	<b>35</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

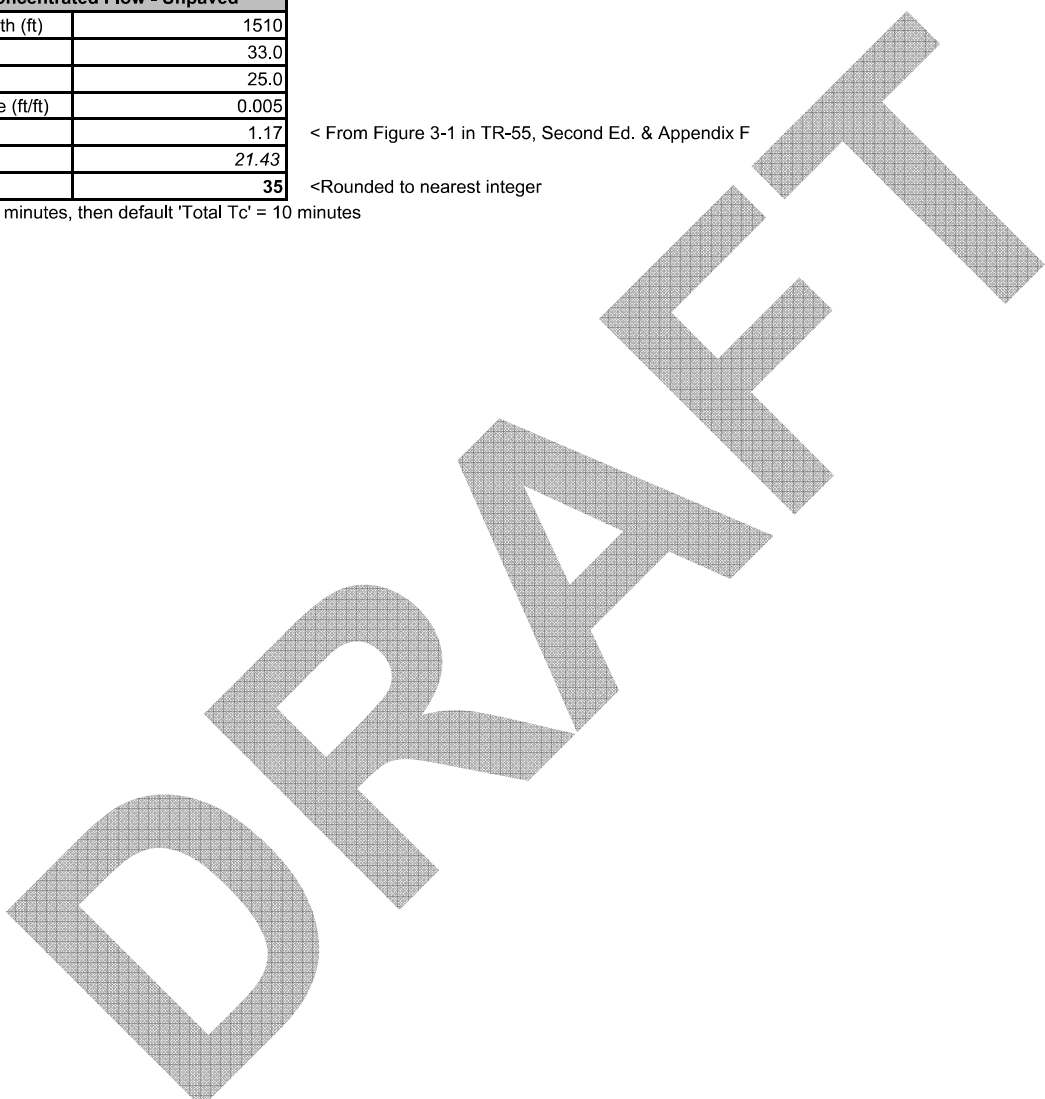
< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1220
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	29.4
End EL (ft)	27.9
Slope (ft/ft)	0.015
Manning n	0.15
P (in)	4.6
Tc (min)	9.17
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1840
Begin EL (ft)	27.9
End EL (ft)	24.0
Unpaved Slope (ft/ft)	0.002
Vel. (ft/sec)	0.74
Tc (min)	41.28
<b>TOTAL Tc*</b>	<b>50</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1230
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	28.9
End EL (ft)	27.2
Slope (ft/ft)	0.017
Manning n	0.15
P (in)	4.6
Tc (min)	8.72
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1066
Begin EL (ft)	28.9
End EL (ft)	26.9
Unpaved Slope (ft/ft)	0.002
Vel. (ft/sec)	0.70
Tc (min)	25.42
<b>TOTAL Tc*</b>	<b>34</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1250
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	29.3
End EL (ft)	28.7
Slope (ft/ft)	0.006
Manning n	0.15
P (in)	4.6
Tc (min)	13.23
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1409
Begin EL (ft)	28.7
End EL (ft)	26.9
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.58
Tc (min)	40.72
<b>TOTAL Tc*</b>	<b>54</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1260
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	28.5
End EL (ft)	26.5
Slope (ft/ft)	0.020
Manning n	0.15
P (in)	4.6
Tc (min)	8.17
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	961
Begin EL (ft)	26.5
End EL (ft)	26.0
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.37
Tc (min)	43.52
<b>TOTAL Tc*</b>	<b>52</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1280
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	29.1
End EL (ft)	26.0
Slope (ft/ft)	0.031
Manning n	0.15
P (in)	3.9
Tc (min)	7.42
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	3551
Begin EL (ft)	26.0
End EL (ft)	25.9
Unpaved Slope (ft/ft)	0.000
Vel. (ft/sec)	0.09
Tc (min)	691.22
<b>TOTAL Tc*</b>	<b>699</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1300
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	31.4
End EL (ft)	27.4
Slope (ft/ft)	0.040
Manning n	0.15
P (in)	4.6
Tc (min)	6.19
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	2538
Begin EL (ft)	27.4
End EL (ft)	26.2
Unpaved Slope (ft/ft)	0.000
Vel. (ft/sec)	0.35
Tc (min)	120.57
<b>TOTAL Tc*</b>	<b>127</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

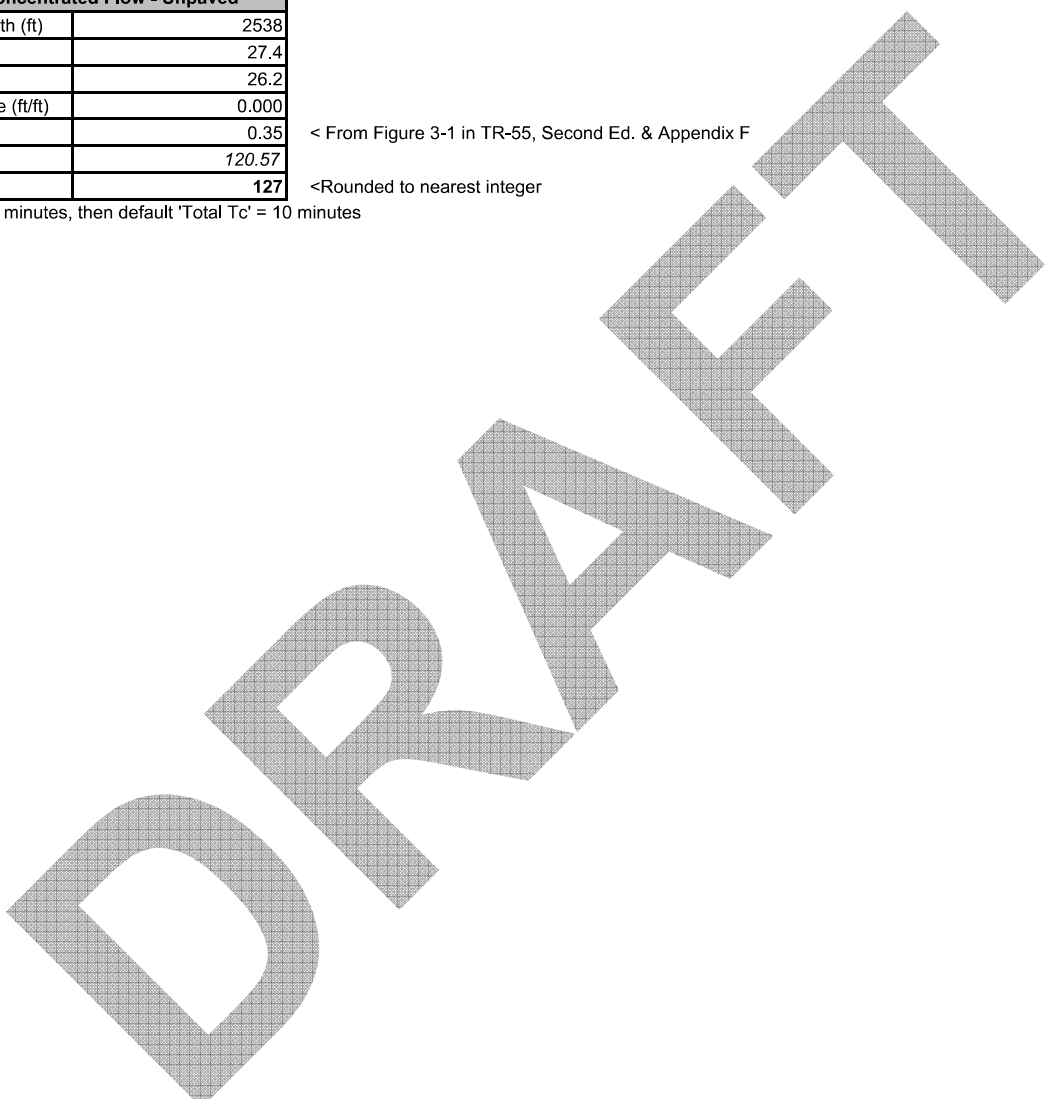
< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1310
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	31.9
End EL (ft)	28.9
Slope (ft/ft)	0.030
Manning n	0.15
P (in)	4.6
Tc (min)	6.95
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1241
Begin EL (ft)	28.9
End EL (ft)	27.1
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.61
Tc (min)	33.66
<b>TOTAL Tc*</b>	<b>41</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

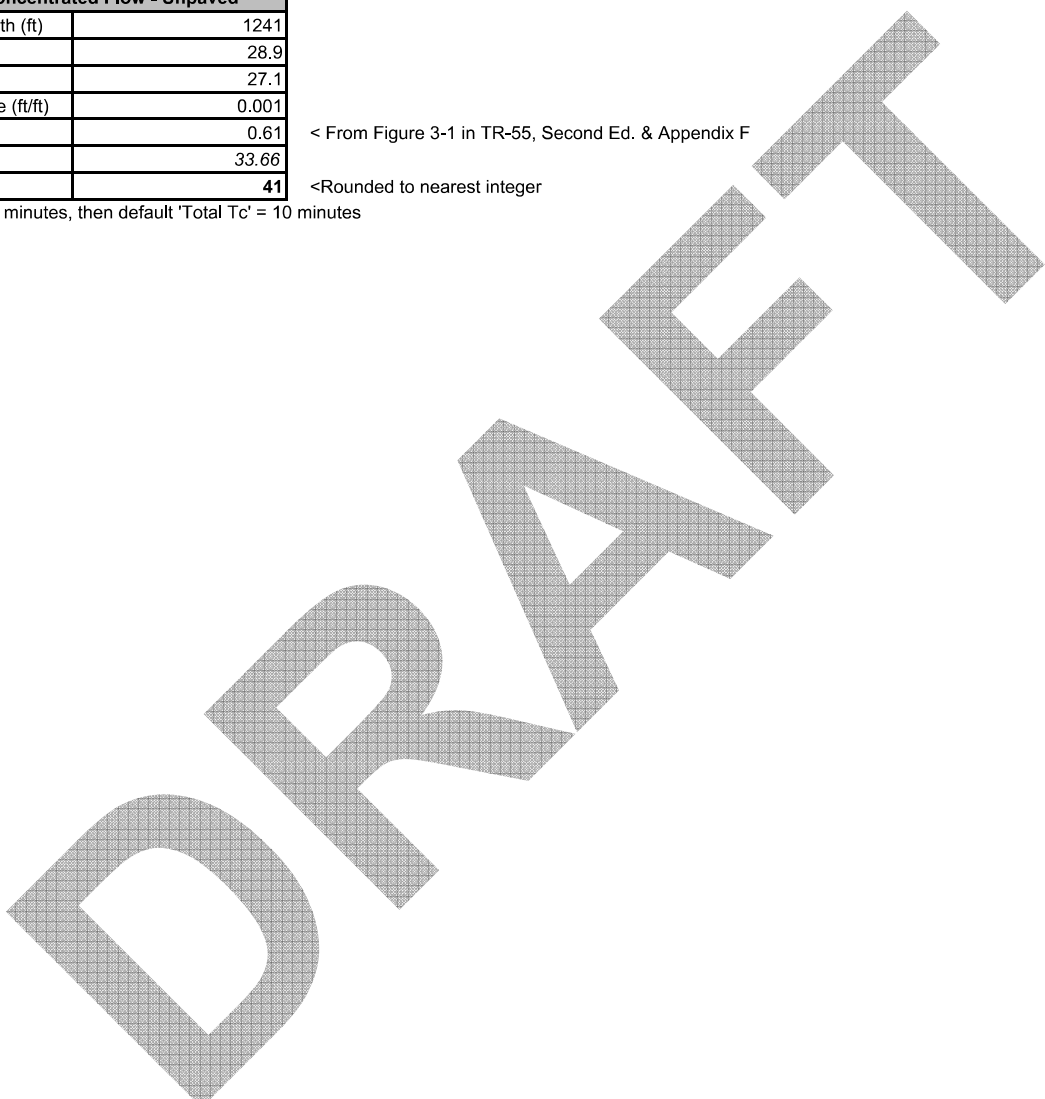
< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1320
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	31.9
End EL (ft)	30.0
Slope (ft/ft)	0.019
Manning n	0.15
P (in)	4.6
Tc (min)	8.34
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	2033
Begin EL (ft)	30.0
End EL (ft)	27.3
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.59
Tc (min)	57.63
<b>TOTAL Tc*</b>	<b>66</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

<b>BASIN ID:</b>	B-1330
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	30.6
End EL (ft)	28.9
Slope (ft/ft)	0.017
Manning n	0.15
P (in)	4.6
Tc (min)	8.72
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1270
Begin EL (ft)	28.9
End EL (ft)	28.2
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.38
Tc (min)	55.88
<b>TOTAL Tc*</b>	<b>65</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1340
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	32.1
End EL (ft)	28.9
Slope (ft/ft)	0.032
Manning n	0.15
P (in)	4.6
Tc (min)	6.77
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1172
Begin EL (ft)	28.9
End EL (ft)	27.3
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.60
Tc (min)	32.77
<b>TOTAL Tc*</b>	<b>40</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

<b>BASIN ID:</b>	B-1350
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	33.1
End EL (ft)	29.6
Slope (ft/ft)	0.035
Manning n	0.15
P (in)	4.6
Tc (min)	6.53
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1147
Begin EL (ft)	29.6
End EL (ft)	28.0
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.60
Tc (min)	31.72
<b>TOTAL Tc*</b>	<b>38</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1360
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	33.7
End EL (ft)	30.3
Slope (ft/ft)	0.034
Manning n	0.15
P (in)	4.6
Tc (min)	6.61
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1113
Begin EL (ft)	30.3
End EL (ft)	29.0
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.55
Tc (min)	33.64
<b>TOTAL Tc*</b>	<b>40</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1370
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	34.3
End EL (ft)	27.9
Slope (ft/ft)	0.064
Manning n	0.15
P (in)	4.6
Tc (min)	5.13
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	9126
Begin EL (ft)	27.9
End EL (ft)	26.9
Unpaved Slope (ft/ft)	0.000
Vel. (ft/sec)	0.17
Tc (min)	900.56
<b>TOTAL Tc*</b>	<b>906</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1380
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	39.6
End EL (ft)	38.0
Slope (ft/ft)	0.016
Manning n	0.15
P (in)	4.6
<i>Tc (min)</i>	8.94
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	6200
Begin EL (ft)	38.0
End EL (ft)	24.3
Unpaved Slope (ft/ft)	0.002
Vel. (ft/sec)	0.76
<i>Tc (min)</i>	136.24
<b>TOTAL Tc*</b>	<b>145</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage D

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1390
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	39.6
End EL (ft)	37.0
Slope (ft/ft)	0.026
Manning n	0.15
P (in)	4.6
Tc (min)	7.36
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	3050
Begin EL (ft)	37.0
End EL (ft)	32.9
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.59
Tc (min)	85.93
<b>TOTAL Tc*</b>	<b>93</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1400
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	40.6
End EL (ft)	37.6
Slope (ft/ft)	0.030
Manning n	0.15
P (in)	4.6
Tc (min)	6.95
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1300
Begin EL (ft)	37.6
End EL (ft)	35.9
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.58
Tc (min)	37.14
<b>TOTAL Tc*</b>	<b>44</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1410
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	42.0
End EL (ft)	39.8
Slope (ft/ft)	0.022
Manning n	0.15
P (in)	4.6
Tc (min)	7.87
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	3807
Begin EL (ft)	39.8
End EL (ft)	32.9
Unpaved Slope (ft/ft)	0.002
Vel. (ft/sec)	0.69
Tc (min)	92.37
<b>TOTAL Tc*</b>	<b>100</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1420
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	37.4
End EL (ft)	35.9
Slope (ft/ft)	0.015
Manning n	0.15
P (in)	4.6
Tc (min)	9.17
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	350
Begin EL (ft)	35.9
End EL (ft)	35.8
Unpaved Slope (ft/ft)	0.000
Vel. (ft/sec)	0.27
Tc (min)	21.39
<b>TOTAL Tc*</b>	<b>31</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1430
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	89.2
End EL (ft)	70.5
Slope (ft/ft)	0.187
Manning n	0.15
P (in)	4.6
Tc (min)	3.34
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	6215
Begin EL (ft)	70.5
End EL (ft)	46.9
Unpaved Slope (ft/ft)	0.004
Vel. (ft/sec)	0.99
Tc (min)	104.18
<b>TOTAL Tc*</b>	<b>108</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

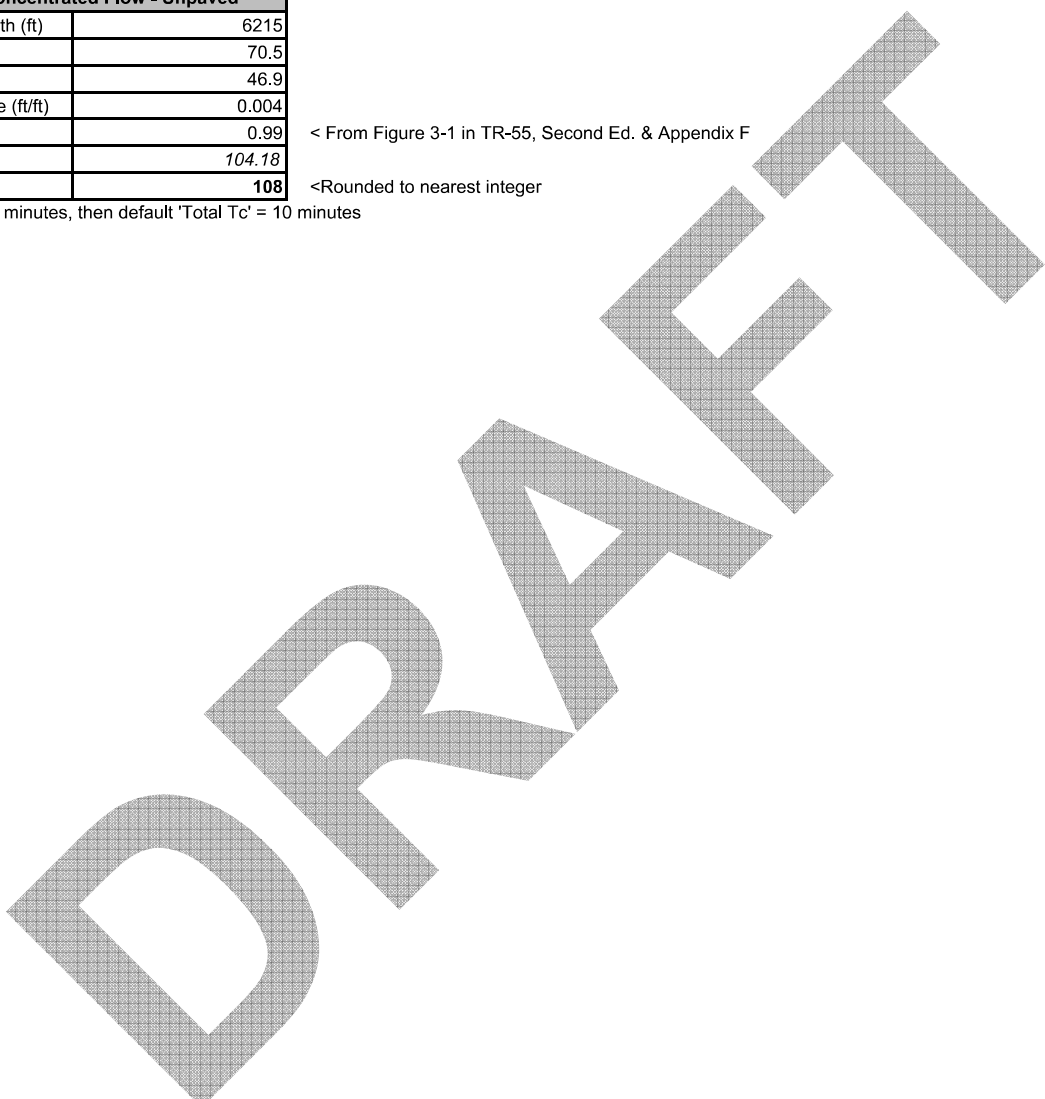
< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes





**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1440
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	43.3
End EL (ft)	41.3
Slope (ft/ft)	0.020
Manning n	0.15
P (in)	4.6
Tc (min)	8.17
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	3004
Begin EL (ft)	41.3
End EL (ft)	36.9
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.62
Tc (min)	81.08
<b>TOTAL Tc*</b>	<b>89</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

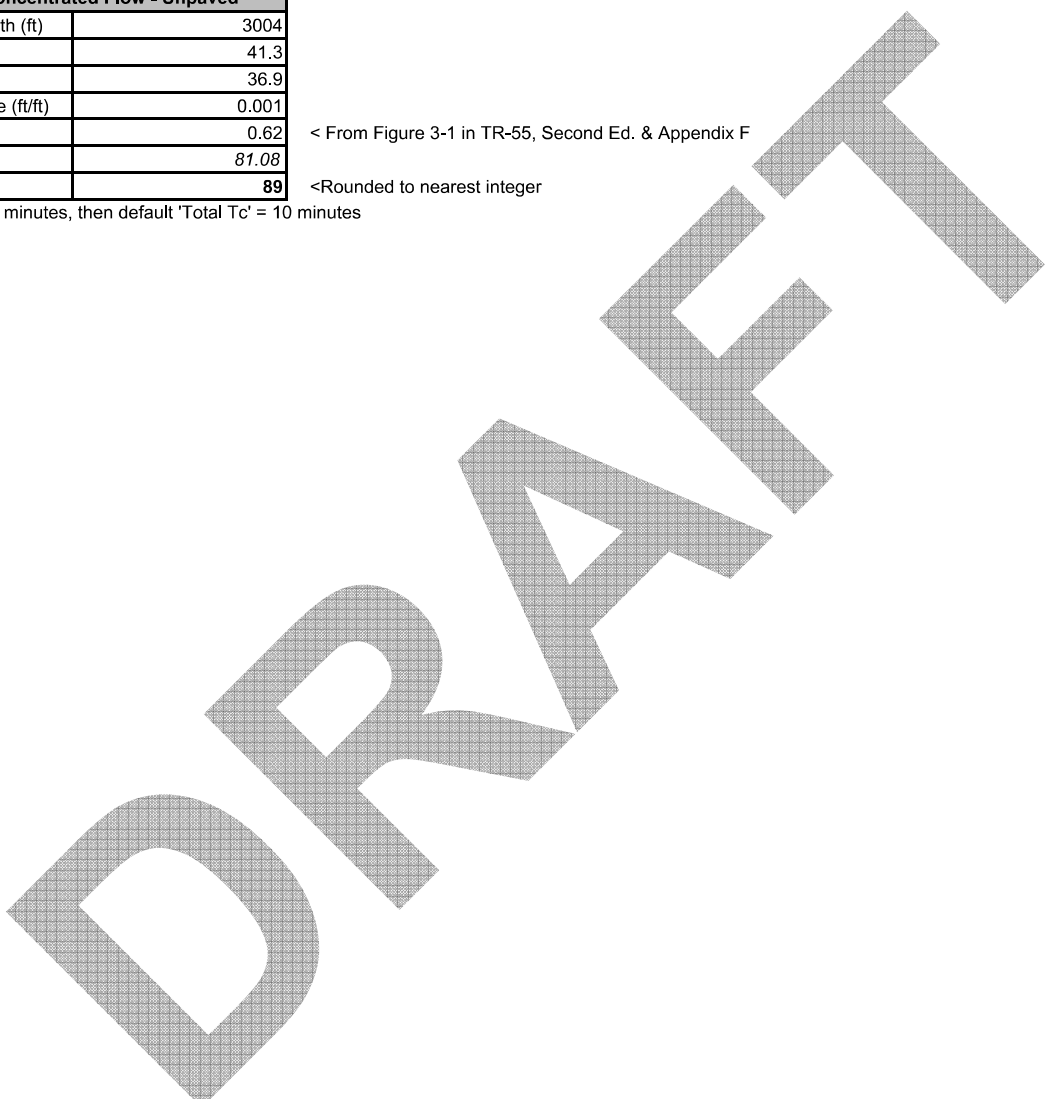
< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1450
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	129.9
End EL (ft)	115.5
Slope (ft/ft)	0.144
Manning n	0.15
P (in)	4.6
<i>Tc (min)</i>	3.71
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	13389
Begin EL (ft)	115.5
End EL (ft)	39.9
Unpaved Slope (ft/ft)	0.006
Vel. (ft/sec)	1.21
<i>Tc (min)</i>	184.06
<b>TOTAL Tc*</b>	<b>188</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage D

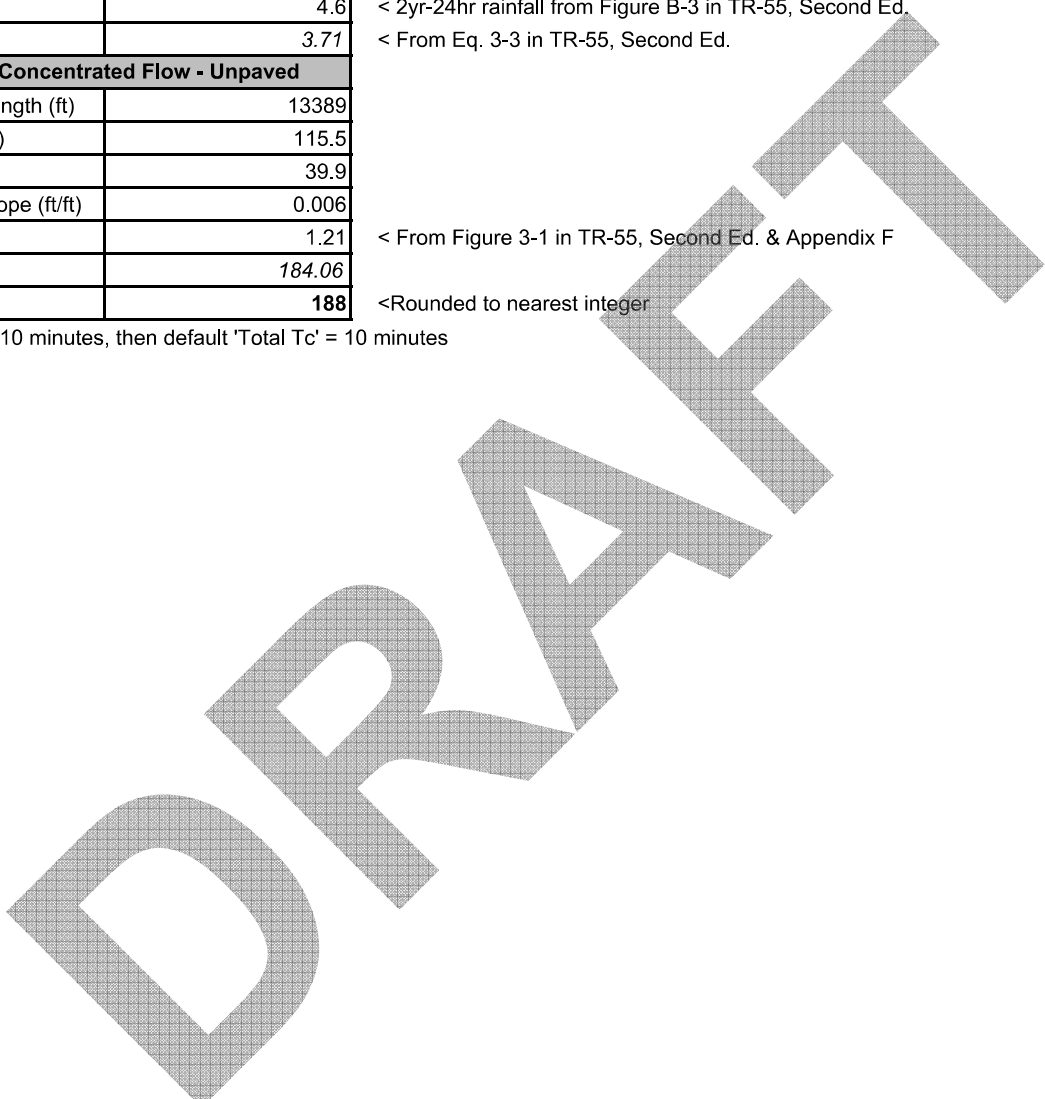
< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1460
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	48.5
End EL (ft)	47.1
Slope (ft/ft)	0.014
Manning n	0.15
P (in)	4.6
Tc (min)	9.43
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	9575
Begin EL (ft)	47.1
End EL (ft)	31.5
Unpaved Slope (ft/ft)	0.002
Vel. (ft/sec)	0.65
Tc (min)	245.04
<b>TOTAL Tc*</b>	<b>254</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1470
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	37.9
End EL (ft)	36.2
Slope (ft/ft)	0.017
Manning n	0.15
P (in)	4.6
Tc (min)	8.72
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1096
Begin EL (ft)	36.2
End EL (ft)	28.9
Unpaved Slope (ft/ft)	0.007
Vel. (ft/sec)	1.32
Tc (min)	13.87
<b>TOTAL Tc*</b>	<b>23</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1480
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	47.3
End EL (ft)	46.9
Slope (ft/ft)	0.004
Manning n	0.15
P (in)	4.6
Tc (min)	15.56
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	4166
Begin EL (ft)	46.9
End EL (ft)	41.3
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.59
Tc (min)	117.38
<b>TOTAL Tc*</b>	<b>133</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

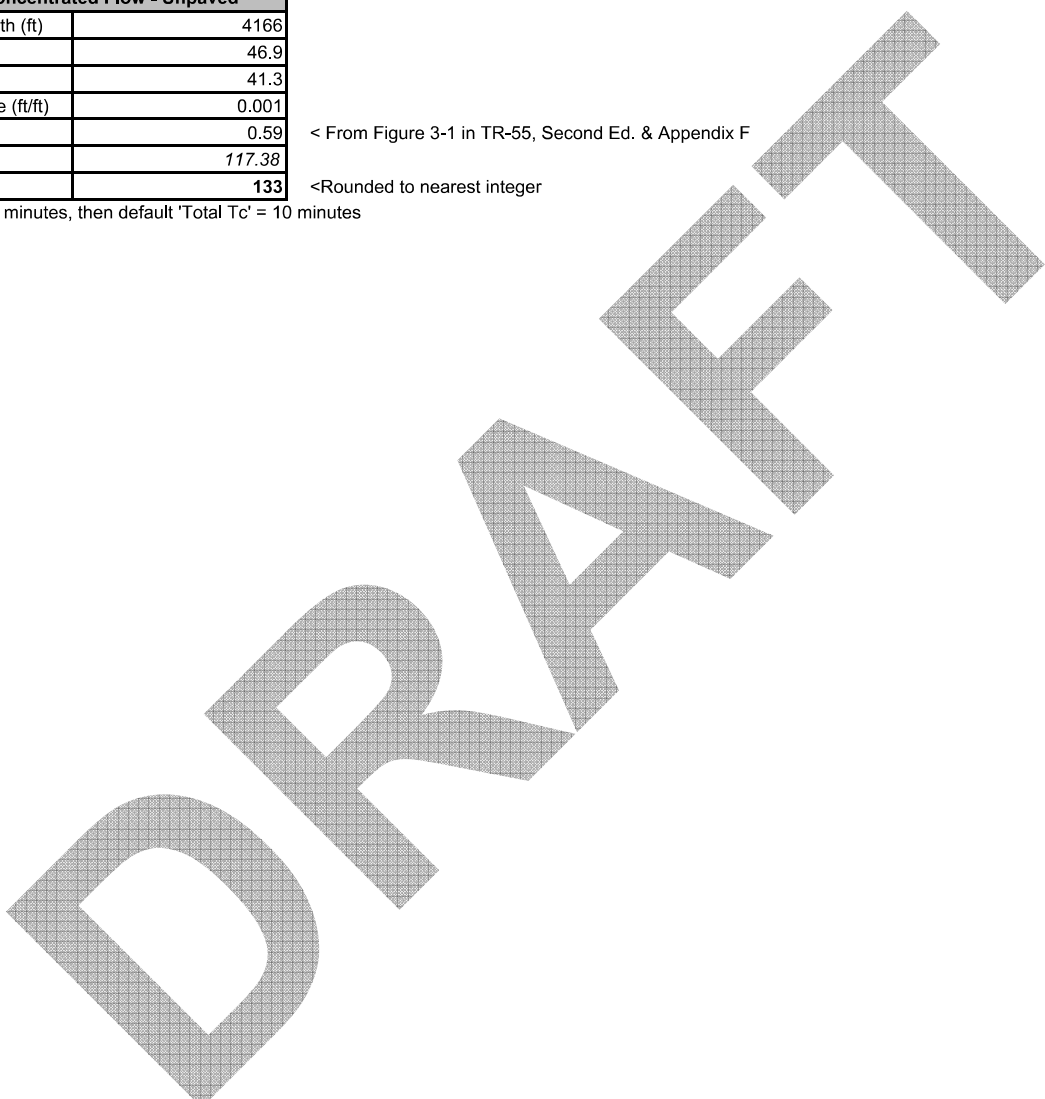
< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1540
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	35.9
End EL (ft)	35.7
Slope (ft/ft)	0.002
Manning n	0.15
P (in)	4.6
Tc (min)	20.53
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1079
Begin EL (ft)	35.7
End EL (ft)	32.1
Unpaved Slope (ft/ft)	0.003
Vel. (ft/sec)	0.93
Tc (min)	19.30
<b>TOTAL Tc*</b>	<b>40</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

<b>BASIN ID:</b>	B-1670
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	180.9
End EL (ft)	180.1
Slope (ft/ft)	0.008
Manning n	0.15
P (in)	4.6
Tc (min)	11.79
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	12936
Begin EL (ft)	180.1
End EL (ft)	83.8
Unpaved Slope (ft/ft)	0.007
Vel. (ft/sec)	1.39
Tc (min)	154.87
<b>TOTAL Tc*</b>	<b>167</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

DRAFT

**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1680
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	118.1
End EL (ft)	113.1
Slope (ft/ft)	0.050
Manning n	0.15
P (in)	4.6
Tc (min)	5.66
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	1320
Begin EL (ft)	113.1
End EL (ft)	95.5
Unpaved Slope (ft/ft)	0.013
Vel. (ft/sec)	1.86
Tc (min)	11.81
<b>TOTAL Tc*</b>	<b>17</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

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<b>BASIN ID:</b>	B-1690
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	125.7
End EL (ft)	119.7
Slope (ft/ft)	0.060
Manning n	0.15
P (in)	4.6
Tc (min)	5.27
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	8544
Begin EL (ft)	119.7
End EL (ft)	101.3
Unpaved Slope (ft/ft)	0.002
Vel. (ft/sec)	0.75
Tc (min)	190.18
<b>TOTAL Tc*</b>	<b>195</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

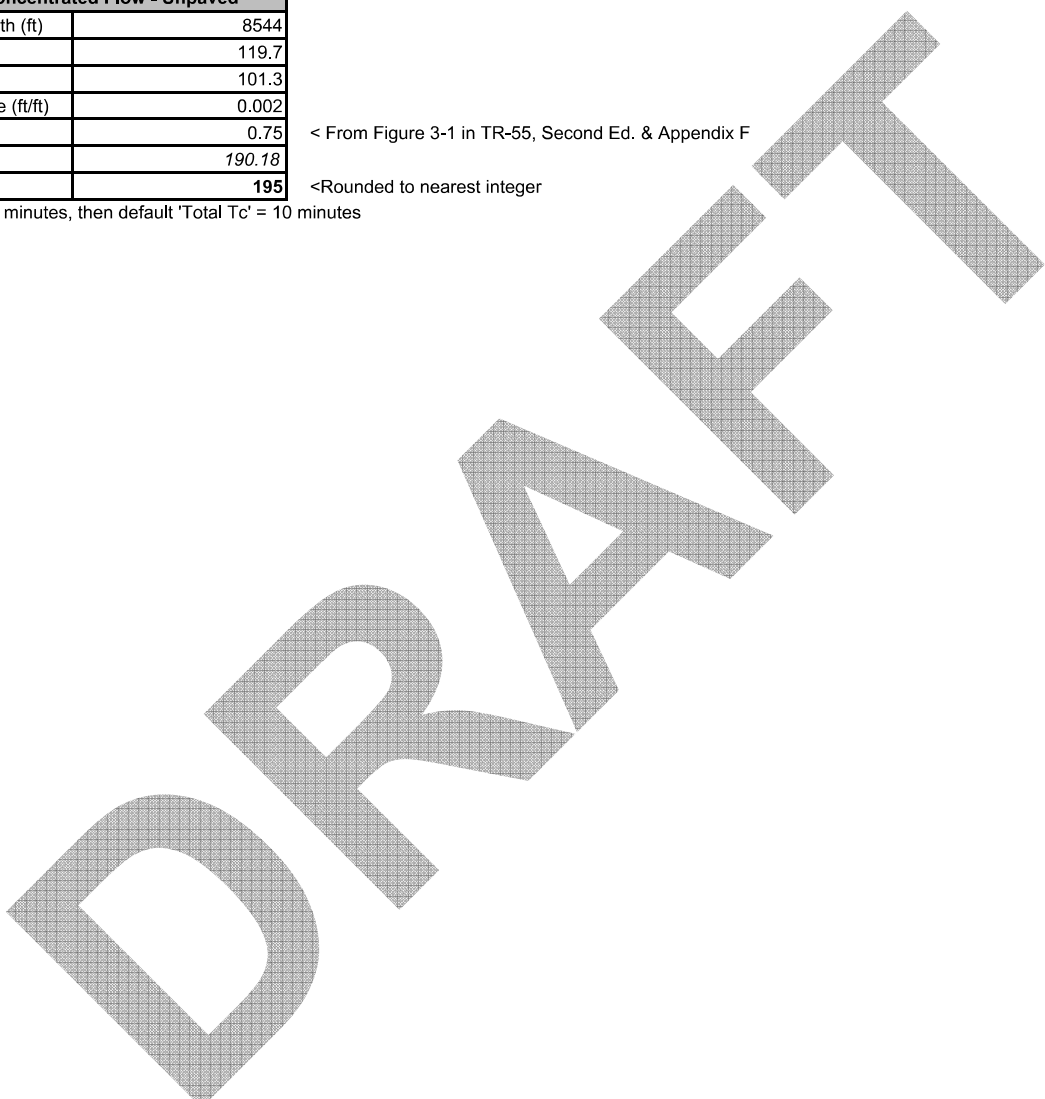
< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-1700
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	125.9
End EL (ft)	115.0
Slope (ft/ft)	0.109
Manning n	0.15
P (in)	4.6
<i>Tc (min)</i>	4.15
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	8557
Begin EL (ft)	115.0
End EL (ft)	106.6
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.51
<i>Tc (min)</i>	282.12
<b>TOTAL Tc*</b>	<b>286</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage D

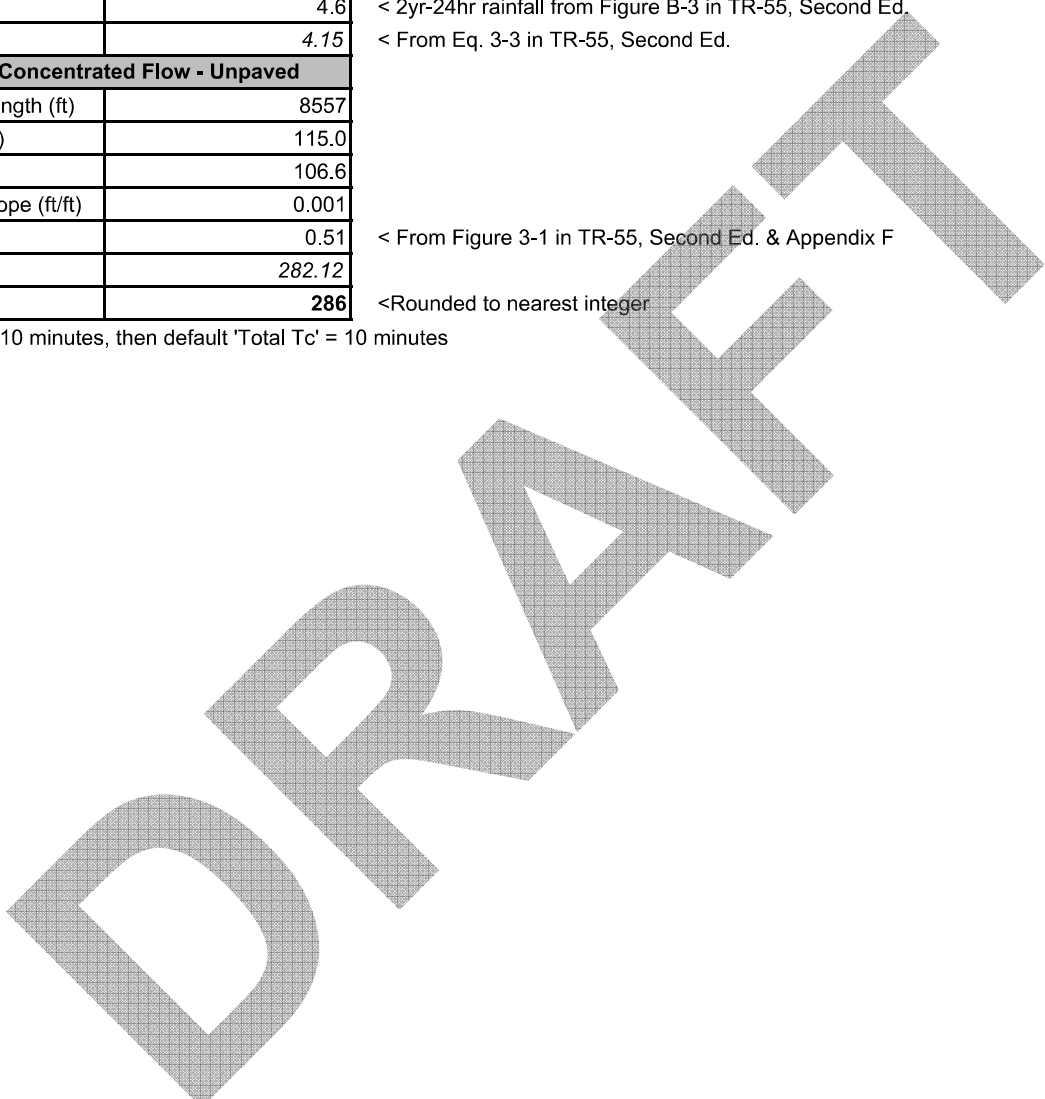
< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes



**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

<b>BASIN ID:</b>	B-1710
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	42.5
End EL (ft)	39.7
Slope (ft/ft)	0.028
Manning n	0.15
P (in)	4.6
Tc (min)	7.14
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	4485
Begin EL (ft)	39.7
End EL (ft)	32.8
Unpaved Slope (ft/ft)	0.002
Vel. (ft/sec)	0.63
Tc (min)	118.12
<b>TOTAL Tc*</b>	<b>125</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-1750
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<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	31.9
End EL (ft)	29.4
Slope (ft/ft)	0.025
Manning n	0.15
P (in)	4.6
Tc (min)	7.47
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	5760
Begin EL (ft)	29.4
End EL (ft)	26.2
Unpaved Slope (ft/ft)	0.001
Vel. (ft/sec)	0.38
Tc (min)	252.44
<b>TOTAL Tc*</b>	<b>260</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage D

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**PRE DEVELOPMENT - Basin Time of Concentration (Tc) Summary**

---

<b>BASIN ID:</b>	B-1940
------------------	--------

<b>Overland Flow</b>	
Length (ft)	100
Begin EL (ft)	101.8
End EL (ft)	100.1
Slope (ft/ft)	0.017
Manning n	0.15
P (in)	4.6
Tc (min)	8.72
<b>Shallow Concentrated Flow - Unpaved</b>	
Unpaved Length (ft)	5233
Begin EL (ft)	100.1
End EL (ft)	61.9
Unpaved Slope (ft/ft)	0.007
Vel. (ft/sec)	1.38
Tc (min)	63.27
<b>TOTAL Tc*</b>	<b>72</b>

< Maximum 100 feet recommended by NRCS

< From Table B-1, Appendix B - Hydrology Design Aids from FDOT Drainage Design Guide, 2021

< 2yr-24hr rainfall from Figure B-3 in TR-55, Second Ed.

< From Eq. 3-3 in TR-55, Second Ed.

< From Figure 3-1 in TR-55, Second Ed. & Appendix F

<Rounded to nearest integer

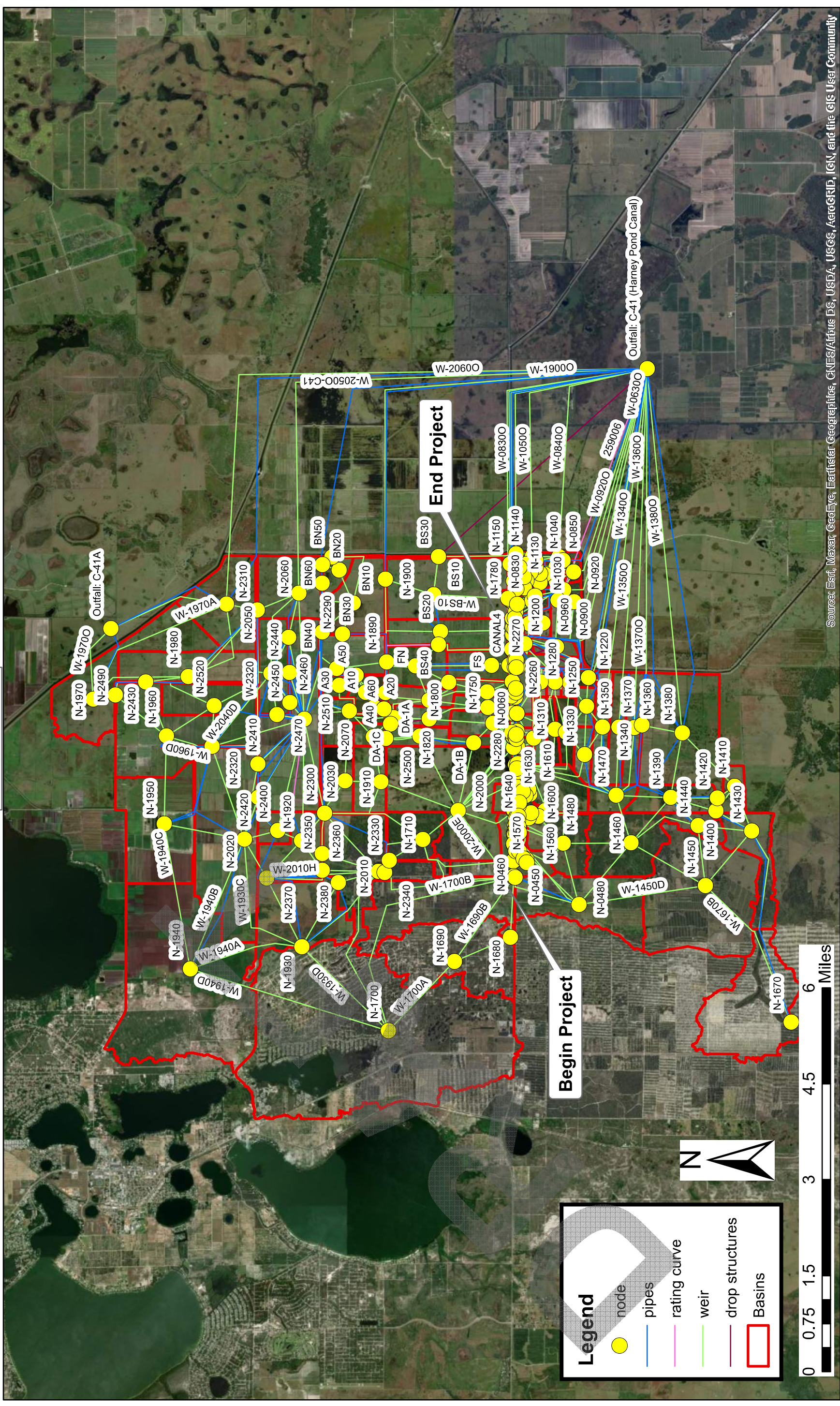
\*If 'Total Tc' > 10 minutes, then default 'Total Tc' = 10 minutes

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**DRAFT**

Node Maps

# Node Map



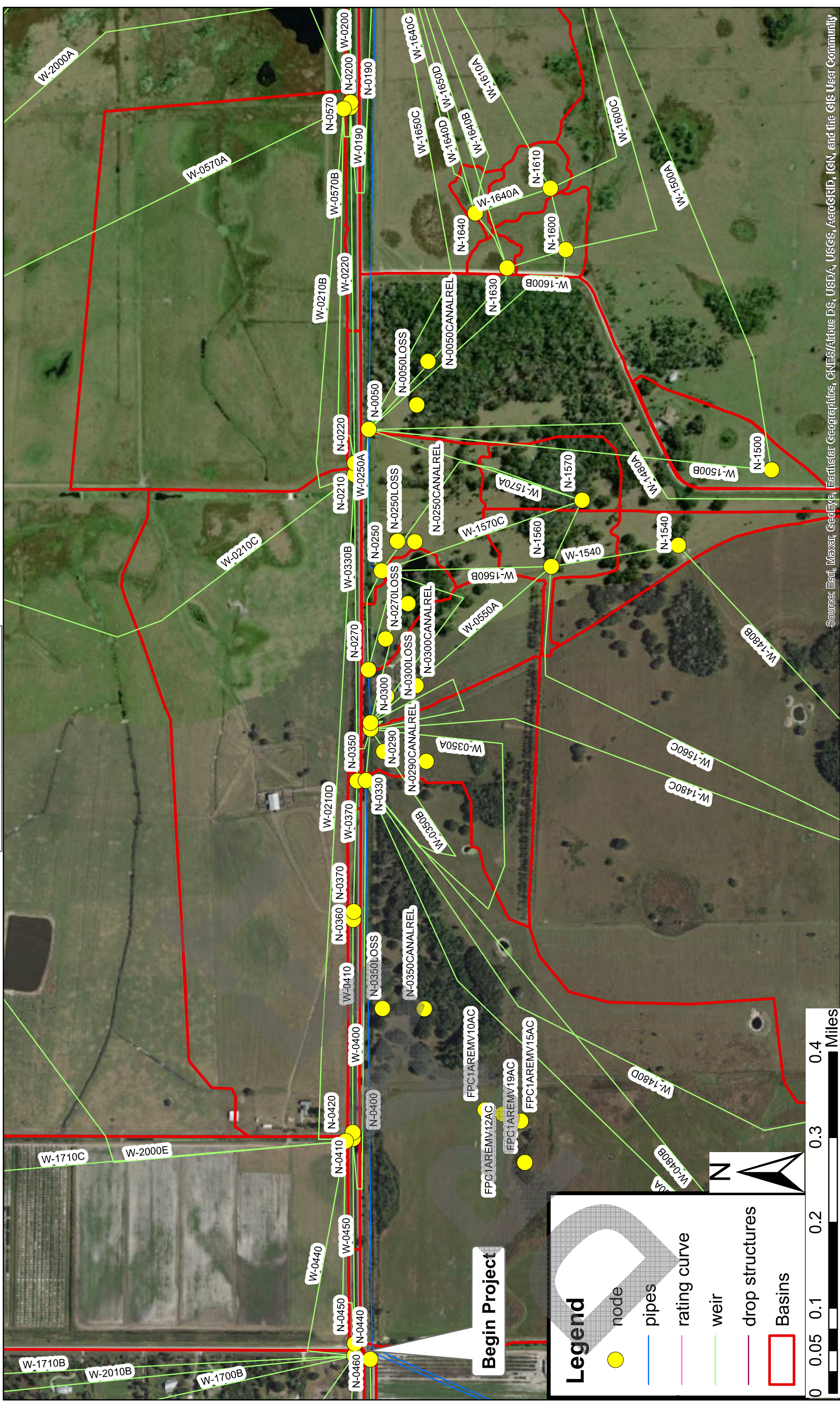
**Legend**

- node
- pipes
- rating curve
- weir
- drop structures
- Basins



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# Node Map: ROW



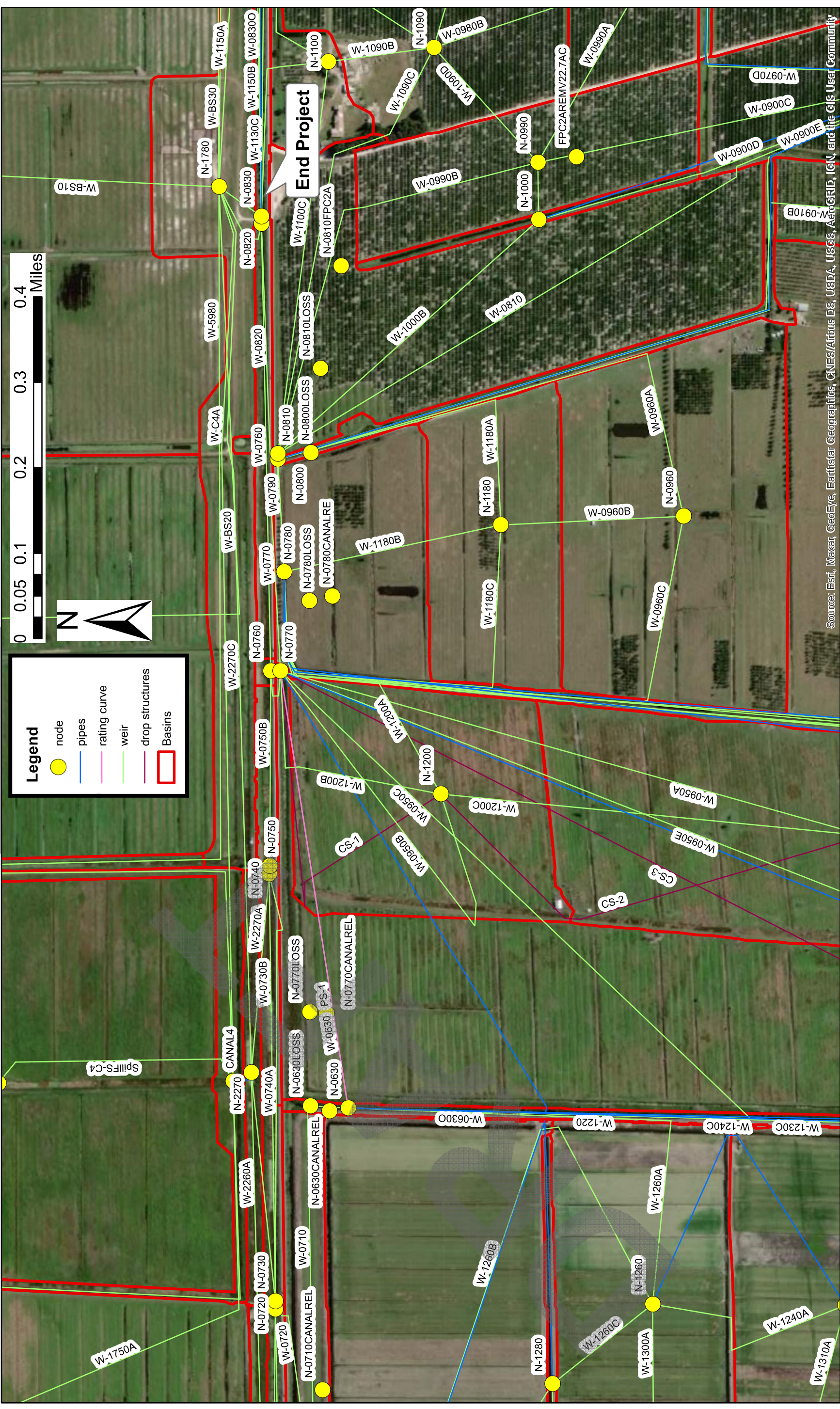
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



# Node Map: ROW



# Node Map: ROW



**DRAFT**

Existing Conditions ICPR4 Model

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Existing Conditions Inputs

## Simple Basin: DA-1A

Scenario: Scenario1  
Node: DA-1A  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 52.9000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 195.8400 ac  
Curve Number: 98.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name: ~FLMOD

Comment: Information taken from permit 28-00211-S ICPR3 model.

## Simple Basin: DA-1B

Scenario: Scenario1  
Node: DA-1B  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 60.6000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 87.1300 ac  
Curve Number: 98.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name: ~FLMOD

Comment: Information taken from permit 28-00211-S ICPR3 model.

## Simple Basin: DA-1C

Scenario: Scenario1  
Node: DA-1C  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 22.9000 min  
Max Allowable Q: 0.00 cfs

Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 8.3300 ac  
 Curve Number: 98.0  
 % Impervious: 0.00  
 % DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name: ~FLMOD

Comment: Information taken from permit 28-00211-S ICPR3 model.

#### Manual Basin: A10

Scenario: Scenario1  
 Node: A10  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 285.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 177.6811 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
7.3869	Meadow	C/D			
19.0773	Wetland	C/D			
0.8141	Pasture or range	C/D			
3.1732	Water	C/D			
1.6885	Water	W			
79.4448	Orchard or Tree Farm	C/D			
0.2841	Meadow	W			
64.4923	Orchard or Tree Farm	A/D			
1.3200	Water	A/D			

Comment:

#### Manual Basin: A20

Scenario: Scenario1  
 Node: A20  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 145.0000 min

Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 21.7347 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
12.3519	Orchard or Tree Farm	C/D			
9.3828	Orchard or Tree Farm	A/D			

Comment:

Manual Basin: A30

Scenario: Scenario1  
 Node: A30  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 284.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 87.6376 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
86.8389	Orchard or Tree Farm	A/D			
0.7987	Water	A/D			

Comment:

Manual Basin: A40

Scenario: Scenario1  
 Node: A40  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 14.1375 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
7.4654	Orchard or Tree Farm	C/D			
0.3022	Meadow	C/D			
0.2469	Water	C/D			
4.5230	Orchard or Tree Farm	A/D			
1.6000	Water	A/D			

Comment:

Manual Basin: A50

Scenario: Scenario1  
Node: A50  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 10.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 11.7023 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0460	Meadow	C/D			
0.6459	Water	C/D			
1.2581	Orchard or Tree Farm	C/D			
7.5588	Orchard or Tree Farm	A/D			
2.1934	Water	A/D			

Comment:

Manual Basin: A60

Scenario: Scenario1  
Node: A60  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 10.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0



Area: 5.4936 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
5.3149	Meadow	C/D			
0.1787	Wetland	C/D			

Comment:

Manual Basin: B-0050

Scenario: Scenario1  
Node: N-0050  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 10.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 52.6960 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.1842	Pasture or range	B/D			
0.2453	Wood or Forest Land	B/D			
18.6498	Pasture or range	A/D			
17.1400	Wood or Forest Land	A/D			
13.5868	Wetland	A/D			
0.5289	Water	A/D			
0.3609	Streets and Roads	A/D			

Comment:

Manual Basin: B-0060

Scenario: Scenario1  
Node: N-0060  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 10.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 24.2334 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
18.7400	Meadow	C/D			
3.8942	Water	C/D			
1.5991	Streets and Roads	C/D			

Comment:

Manual Basin: B-0070

Scenario: Scenario1  
Node: N-0070  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 10.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 50.2932 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
41.5797	Pasture or range	A/D			
5.8183	Pasture or range	C/D			
0.5636	Water	C/D			
0.0736	Meadow	C/D			
1.2925	Water	A/D			
0.7665	Streets and Roads	A/D			
0.1989	Streets and Roads	C/D			

Comment:

Manual Basin: B-0120

Scenario: Scenario1  
Node: N-0120  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 93.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 389.9900 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
10.2435	Pasture or range	B/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
72.5252	Pasture or range	C/D			
2.5734	Meadow	C/D			
2.3120	Water	C/D			
116.7075	Wetland	C/D			
169.9376	Pasture or range	A/D			
9.4946	Wetland	A/D			
0.1436	Wetland	B/D			
0.0369	Water	B/D			
1.0578	Water	A/D			
4.9581	Wood or Forest Land	A/D			

Comment:

Manual Basin: B-0140

Scenario: Scenario1  
Node: N-0140  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 46.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 19,5653 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
19.2958	Meadow	C/D			
0.0051	Pasture or range	C/D			
0.2644	Water	C/D			

Comment:

Manual Basin: B-0150

Scenario: Scenario1  
Node: N-0150  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 47.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0

Area: 25.2244 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
24.8621	Meadow	C/D			
0.3623	Water	C/D			

Comment:

Manual Basin: B-0160

Scenario: Scenario1  
 Node: N-0160  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 63.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 25.1141 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
24.7710	Meadow	C/D			
0.3431	Water	C/D			

Comment:

Manual Basin: B-0180

Scenario: Scenario1  
 Node: N-0180  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1.1578 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1557	Streets and Roads	C/D			
0.1139	Pasture or range	C/D			
0.1981	Fallow	C/D			
0.6900	Water	C/D			

Comment:

Manual Basin: B-0190

Scenario: Scenario1  
 Node: N-0190  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 2.7038 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5121	Streets and Roads	A/D			
0.5734	Pasture or range	A/D			
1.6183	Water	A/D			

Comment:

Manual Basin: B-0200

Scenario: Scenario1  
 Node: N-0200  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 5.5855 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3653	Streets and Roads	A/D			
0.6595	Streets and Roads	C/D			
0.4107	Pasture or range	A/D			
0.8360	Pasture or range	C/D			
1.2078	Water	A/D			
2.1061	Water	C/D			

Comment:

Manual Basin: B-0210

Scenario: Scenario1  
 Node: N-0210  
 Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number  
 Time of Concentration: 70.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 104.3549 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.6530	Streets and Roads	A/D			
59.5571	Pasture or range	A/D			
3.8486	Water	A/D			
34.9751	Pasture or range	B/D			
0.3906	Water	B/D			
4.9305	Wetland	A/D			

Comment:

Manual Basin: B-0220

Scenario: Scenario1  
 Node: N-0220  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1.5743 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3058	Streets and Roads	A/D			
0.2889	Pasture or range	A/D			
0.9796	Water	A/D			

Comment:

Manual Basin: B-0250

Scenario: Scenario1  
 Node: N-0250  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 13.0895 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
12.1313	Pasture or range	A/D			
0.5298	Water	A/D			
0.4283	Streets and Roads	A/D			

Comment:

Manual Basin: B-0270

Scenario: Scenario1  
 Node: N-0270  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 5.3998 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
3.9740	Pasture or range	A/D			
1.2556	Water	A/D			
0.1702	Streets and Roads	A/D			

Comment:

Manual Basin: B-0290

Scenario: Scenario1  
 Node: N-0290  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 19.1087 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
10.5867	Pasture or range	B/D			
0.1933	Wetland	B/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
3.0948	Wetland	A/D			
4.9331	Pasture or range	A/D			
0.0237	Wood or Forest Land	A/D			
0.1719	Water	A/D			
0.1052	Streets and Roads	A/D			

Comment:

Manual Basin: B-0300

Scenario: Scenario1  
 Node: N-0300  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 14.0003 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
11.1452	Pasture or range	A/D			
2.5867	Pasture or range	B/D			
0.1523	Water	A/D			
0.1162	Streets and Roads	A/D			

Comment:

Manual Basin: B-0330

Scenario: Scenario1  
 Node: N-0330  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 0.4122 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0730	Streets and Roads	A/D			



Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2257	Water	A/D			
0.1135	Pasture or range	A/D			

Comment:

Manual Basin: B-0350

Scenario: Scenario1  
 Node: N-0350  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 161.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 170.4979 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
64.6179	Pasture or range	B/D			
2.6434	Wetland	B/D			
30.9860	Wetland	A/D			
53.7110	Pasture or range	A/D			
1.0731	Water	A/D			
6.6499	Wood or Forest Land	A/D			
8.8615	Wood or Forest Land	B/D			
0.7172	Water	B/D			
0.6611	Streets and Roads	A/D			
0.5769	Streets and Roads	B/D			

Comment:

Manual Basin: B-0360

Scenario: Scenario1  
 Node: N-0360  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0

Area: 1.2871 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2922	Streets and Roads	B/D			
0.4027	Pasture or range	B/D			
0.5922	Water	B/D			

Comment:

Manual Basin: B-0370

Scenario: Scenario1  
 Node: N-0370  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1.2374 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0616	Streets and Roads	A/D			
0.1769	Streets and Roads	B/D			
0.0714	Pasture or range	A/D			
0.3618	Pasture or range	B/D			
0.1250	Water	A/D			
0.4407	Water	B/D			

Comment:

Manual Basin: B-0400

Scenario: Scenario1  
 Node: N-0400  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1.1945 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2658	Streets and Roads	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4889	Pasture or range	A/D			
0.4398	Water	A/D			

Comment:

Manual Basin: B-0410

Scenario: Scenario1  
 Node: N-0410  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1.0091 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0927	Streets and Roads	A/D			
0.1375	Streets and Roads	B/D			
0.2290	Pasture or range	A/D			
0.1352	Pasture or range	B/D			
0.2159	Water	B/D			
0.1989	Water	A/D			

Comment:

Manual Basin: B-0420

Scenario: Scenario1  
 Node: N-0420  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 157.5669 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
11.8968	Water	A/D			
43.6520	Pasture or range	A/D			
1.1675	Streets and Roads	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
5.2122	Pasture or range	B/D			
0.7047	Water	B/D			
0.0480	Orchard or Tree Farm	B/D			
76.1067	Orchard or Tree Farm	A/D			
18.7792	Cultivated Land	A/D			

Comment:

Manual Basin: B-0440

Scenario: Scenario1  
 Node: N-0440  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 38.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1134.6769 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
99.4312	Orchard or Tree Farm	A			
40.2596	Residential (1 acre)	A			
1.0588	Streets and Roads	A			
109.7416	Residential (1 acre)	A/D			
190.5622	Pasture or range	A/D			
208.5479	Orchard or Tree Farm	A/D			
4.4266	Streets and Roads	A/D			
10.2325	Fallow	A/D			
52.4394	Water	A/D			
131.8323	Wetland	A/D			
9.0924	Wood or Forest Land	A/D			
1.9649	Water	A			
1.8594	Wetland	A			
28.1260	Pasture or range	C/D			
30.0253	Water	C/D			
28.3869	Row Crops	C/D			
16.2335	Row Crops	A/D			
8.0024	Fallow	C/D			
28.5602	Wetland	C/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
6.5866	Cultivated Land	A/D			
5.9054	Row Crops	W			
22.3631	Water	W			
1.6966	Cultivated Land	C/D			
41.8348	Orchard or Tree Farm	C/D			
6.7850	Residential (1/2 acre)	A/D			
0.3598	Orchard or Tree Farm	W			
1.3074	Pasture or range	W			
46.9891	Streets and Roads (dirt)	A			
0.0659	Residential (1 acre)	C/D			

Comment:

Manual Basin: B-0450

Scenario: Scenario1  
 Node: N-0450  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1.0402 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2747	Streets and Roads	A/D			
0.4516	Pasture or range	A/D			
0.3139	Water	A/D			

Comment:

Manual Basin: B-0460

Scenario: Scenario1  
 Node: N-0460  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs

Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.3586 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.5570	Orchard or Tree Farm	A/D			
1.5093	Pasture or range	A/D			
0.9140	Water	A/D			
0.3332	Residential (1 acre)	A			
0.0412	Residential (1 acre)	A/D			
0.0039	Streets and Roads	A			

Comment:

Manual Basin: B-0480

Scenario: Scenario1  
 Node: N-0480  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 46.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1000.4403 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
317.5817	Orchard or Tree Farm	A/D			
22.7746	Water	A/D			
18.1483	Wetland	A/D			
296.7693	Pasture or range	A/D			
72.0423	Pasture or range	B/D			
66.8445	Orchard or Tree Farm	B/D			
5.9089	Water	B/D			
61.6147	Wood or Forest Land	A/D			
30.0140	Orchard or Tree Farm	A			
17.3957	Wood or Forest Land	A			
0.0250	Wetland	B/D			
6.9348	Wood or Forest Land	B/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1639	Water	A			
18.9364	Pasture or range	A			
33.2737	Orchard or Tree Farm	C/D			
0.4593	Water	C/D			
24.4089	Pasture or range	C/D			
6.6457	Residential (1 acre)	A			
0.4885	Residential (1 acre)	A/D			
0.0101	Streets and Roads	A/D			

Comment:

Manual Basin: B-0570

Scenario: Scenario1  
 Node: N-0570  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 93.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 87.8385 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
3.6317	Water	A/D			
73.7452	Pasture or range	A/D			
1.5392	Wetland	A/D			
8.8329	Pasture or range	C/D			
0.0895	Water	C/D			

Comment:

Manual Basin: B-0580

Scenario: Scenario1  
 Node: N-0580  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0

Area: 1.8138 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2054	Streets and Roads	C/D			
0.4526	Fallow	C/D			
0.0411	Meadow	C/D			
1.1146	Water	C/D			

Comment:

Manual Basin: B-0590

Scenario: Scenario1  
 Node: N-0590  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 93.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 2.2415 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2582	Streets and Roads	C/D			
0.1274	Meadow	C/D			
0.2742	Fallow	C/D			
1.5816	Water	C/D			

Comment:

Manual Basin: B-0600

Scenario: Scenario1  
 Node: N-0600  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 111.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 24.4829 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
24.1142	Meadow	C/D			
0.3687	Water	C/D			



Comment:

Manual Basin: B-0630

Scenario: Scenario1  
 Node: N-0630  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 12.4854 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.0093	Pasture or range	A/D			
0.7851	Open Spaces (fair)	A/D			
2.3754	Water	A/D			
0.5828	Fallow	A/D			
3.9039	Meadow	A/D			
0.7112	Orchard or Tree Farm	A/D			
1.0873	Meadow	C/D			
0.6472	Water	C/D			
0.3595	Orchard or Tree Farm	C/D			
0.0238	Streets and Roads	C/D			

Comment:

Manual Basin: B-0640

Scenario: Scenario1  
 Node: N-0640  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 3.2332 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3998	Streets and Roads	C/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1156	Meadow	C/D			
0.7620	Fallow	C/D			
1.9559	Water	C/D			

Comment:

Manual Basin: B-0650

Scenario: Scenario1  
 Node: N-0650  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 3.5751 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4823	Streets and Roads	C/D			
0.4861	Fallow	C/D			
2.6067	Water	C/D			

Comment:

Manual Basin: B-0680

Scenario: Scenario1  
 Node: N-0680  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 99.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 35.5415 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5851	Water	C/D			
34.9564	Meadow	C/D			

Comment:

Manual Basin: B-0690

Scenario: Scenario1  
 Node: N-0690  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 150.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 117.1262 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.8775	Water	C/D			
113.8349	Meadow	C/D			
0.2878	Meadow	A/D			
0.1260	Water	A/D			

Comment:

Manual Basin: B-0710

Scenario: Scenario1  
 Node: N-0710  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 23.2053 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
18.9542	Meadow	C/D			
2.8553	Water	C/D			
1.3958	Streets and Roads	C/D			

Comment:

Manual Basin: B-0720

Scenario: Scenario1  
 Node: N-0720  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min

Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 3.3466 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4697	Streets and Roads	C/D			
0.5721	Fallow	C/D			
2.3047	Water	C/D			

Comment:

Manual Basin: B-0730

Scenario: Scenario1  
 Node: N-0730  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 3.5264 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4695	Streets and Roads	C/D			
0.0672	Fallow	C/D			
0.8807	Meadow	C/D			
2.1089	Water	C/D			

Comment:

Manual Basin: B-0740

Scenario: Scenario1  
 Node: N-0740  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.0538 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5291	Streets and Roads	C/D			
0.9819	Meadow	C/D			
2.5429	Water	C/D			

Comment:

Manual Basin: B-0750

Scenario: Scenario1  
 Node: N-0750  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 3.4524 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4007	Streets and Roads	C/D			
0.1410	Meadow	C/D			
1.3944	Fallow	C/D			
1.4874	Water	C/D			
0.0289	Fallow	A/D			

Comment:

Manual Basin: B-0760

Scenario: Scenario1  
 Node: N-0760  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 0.4863 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0528	Streets and Roads	C/D			
0.1892	Water	C/D			
0.2440	Fallow	C/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0003	Fallow	A/D			

Comment:

Manual Basin: B-0770

Scenario: Scenario1  
 Node: N-0770  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 192.6852 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2156	Open Spaces (fair)	A/D			
3.0049	Water	A/D			
81.7419	Fallow	A/D			
12.8476	Fallow	C/D			
77.6697	Orchard or Tree Farm	A/D			
12.5753	Orchard or Tree Farm	C/D			
3.6207	Water	C/D			
1.0096	Streets and Roads	C/D			

Comment:

Manual Basin: B-0780

Scenario: Scenario1  
 Node: N-0780  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 74.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 235.7810 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
15.7732	Open Spaces (fair)	A/D			
1.9572	Open Spaces (fair)	C/D			
5.9212	Water	A/D			
97.4434	Orchard or Tree Farm	A/D			
0.8753	Water	C/D			
4.4169	Fallow	A/D			
1.1318	Fallow	C/D			
2.9180	Orchard or Tree Farm	C/D			
104.8412	Orchard or Tree Farm	B/D			
0.0118	Water	B/D			
0.0155	Fallow	B/D			
0.1149	Streets and Roads	C/D			
0.3488	Streets and Roads	A/D			
0.0118	Streets and Roads	B/D			

Comment:

Manual Basin: B-0800

Scenario: Scenario1  
 Node: N-0800  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 6,8564 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
3.5848	Orchard or Tree Farm	B/D			
0.9897	Orchard or Tree Farm	A/D			
1.8128	Water	B/D			
0.4064	Water	A/D			
0.0393	Fallow	B/D			
0.0234	Streets and Roads	B/D			

Comment:

Manual Basin: B-0810

Scenario: Scenario1  
 Node: N-0810  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 75.7884 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
72.4796	Orchard or Tree Farm	B/D			
1.0824	Orchard or Tree Farm	A/D			
1.4115	Fallow	B/D			
0.8149	Streets and Roads	B/D			

Comment:

Manual Basin: B-0820

Scenario: Scenario1  
 Node: N-0820  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 7,1593 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1016	Streets and Roads	C/D			
0.3034	Streets and Roads	A/D			
0.3631	Fallow	C/D			
0.5438	Streets and Roads	B/D			
1.4468	Fallow	A/D			
2.6540	Fallow	B/D			
0.2066	Water	C/D			
0.6971	Water	A/D			
0.8428	Water	B/D			

Comment:



Manual Basin: B-0830

Scenario: Scenario1  
 Node: N-0830  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 9.8226 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5820	Streets and Roads	B/D			
1.1048	Streets and Roads	A/D			
3.0946	Fallow	B/D			
2.9201	Fallow	A/D			
0.0346	Open Spaces (fair)	A/D			
1.0130	Water	B/D			
1.0735	Water	A/D			

Comment:

Manual Basin: B-0840

Scenario: Scenario1  
 Node: N-0840  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 12.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 53.0292 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.2619	Open Spaces (fair)	B/D			
37.2702	Orchard or Tree Farm	B/D			
14.1210	Orchard or Tree Farm	A/D			
0.3761	Open Spaces (fair)	A/D			

Comment:

Manual Basin: B-0850

Scenario: Scenario1  
 Node: N-0850  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 143.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.1924 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0907	Open Spaces (fair)	B/D			
0.8322	Water	B/D			
1.7011	Orchard or Tree Farm	B/D			
1.1075	Orchard or Tree Farm	A/D			
0.4610	Water	A/D			

Comment:

Manual Basin: B-0860

Scenario: Scenario1  
 Node: N-0860  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 39.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 54.3023 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
33.2660	Orchard or Tree Farm	B/D			
20.7759	Orchard or Tree Farm	A/D			
0.2604	Open Spaces (fair)	B/D			

Comment:

Manual Basin: B-0870

Scenario: Scenario1  
 Node: N-0870  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 67.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 36.9860 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.5978	Orchard or Tree Farm	B/D			
35.3882	Orchard or Tree Farm	A/D			

Comment:

Manual Basin: B-0880

Scenario: Scenario1  
 Node: N-0880  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 93.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 2.3758 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5317	Orchard or Tree Farm	B/D			
0.4284	Water	B/D			
0.7454	Orchard or Tree Farm	A/D			
0.6703	Water	A/D			

Comment:

Manual Basin: B-0890

Scenario: Scenario1  
 Node: N-0890  
 Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number  
 Time of Concentration: 31.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 39.0163 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
33.1012	Orchard or Tree Farm	B/D			
5.9150	Orchard or Tree Farm	A/D			

Comment:

Manual Basin: B-0900

Scenario: Scenario1  
 Node: N-0900  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 38.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 77.9810 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5547	Open Spaces (fair)	A/D			
37.4420	Orchard or Tree Farm	A/D			
1.4088	Water	A/D			
37.3359	Orchard or Tree Farm	B/D			
1.2395	Water	B/D			

Comment:

Manual Basin: B-0910

Scenario: Scenario1  
 Node: N-0910  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 20.0000 min

Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 14.3874 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
11.7933	Orchard or Tree Farm	B/D			
2.5941	Orchard or Tree Farm	A/D			

Comment:

Manual Basin: B-0920

Scenario: Scenario1  
 Node: N-0920  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 27.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 15.9509 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2228	Open Spaces (fair)	A/D			
10.4402	Orchard or Tree Farm	A/D			
5.2879	Orchard or Tree Farm	B/D			

Comment:

Manual Basin: B-0940

Scenario: Scenario1  
 Node: N-0940  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0

Area: 109.1560 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.5370	Fallow	C/D			
0.0977	Water	C/D			
104.5496	Fallow	A/D			
1.7323	Water	A/D			
1.2394	Orchard or Tree Farm	A/D			

Comment:

Manual Basin: B-0960

Scenario: Scenario1  
 Node: N-0960  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 70.4158 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
44.8323	Orchard or Tree Farm	B/D			
23.7961	Orchard or Tree Farm	A/D			
0.6557	Water	A/D			
1.1316	Water	B/D			

Comment:

Manual Basin: B-0970

Scenario: Scenario1  
 Node: N-0970  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 95.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.0693 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.2098	Orchard or Tree Farm	A/D			
0.9508	Orchard or Tree Farm	B/D			
1.2733	Water	A/D			
0.6353	Water	B/D			

Comment:

Manual Basin: B-0980

Scenario: Scenario1  
 Node: N-0980  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 24.7866 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
7.2094	Orchard or Tree Farm	A/D			
17.5772	Orchard or Tree Farm	B/D			

Comment:

Manual Basin: B-0990

Scenario: Scenario1  
 Node: N-0990  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 32.7274 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
32.7274	Orchard or Tree	B/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
	Farm				

Comment:

Manual Basin: B-1000

Scenario: Scenario1  
 Node: N-1000  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 2.9400 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.7791	Orchard or Tree Farm	B/D			
1.1609	Water	B/D			

Comment:

Manual Basin: B-1020

Scenario: Scenario1  
 Node: N-1020  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1.0800 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5881	Orchard or Tree Farm	A/D			
0.4918	Water	A/D			

Comment:



Manual Basin: B-1030

Scenario: Scenario1  
 Node: N-1030  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 27.7179 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
27.7179	Orchard or Tree Farm	A/D			

Comment:

Manual Basin: B-1040

Scenario: Scenario1  
 Node: N-1040  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 2.0771 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.2589	Orchard or Tree Farm	A/D			
0.8181	Water	A/D			

Comment:

Manual Basin: B-1050

Scenario: Scenario1  
 Node: N-1050  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 13.9776 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
13.4451	Orchard or Tree Farm	A/D			
0.5325	Open Spaces (fair)	A/D			

Comment:

Manual Basin: B-1060

Scenario: Scenario1  
 Node: N-1060  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1.9753 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.4344	Orchard or Tree Farm	A/D			
0.5409	Water	A/D			

Comment:

Manual Basin: B-1070

Scenario: Scenario1  
 Node: N-1070  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 13.5197 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
13.4216	Orchard or Tree Farm	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0981	Orchard or Tree Farm	B/D			

Comment:

Manual Basin: B-1080

Scenario: Scenario1  
 Node: N-1080  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 2.0631 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3900	Orchard or Tree Farm	B/D			
0.1766	Water	B/D			
1.0025	Orchard or Tree Farm	A/D			
0.4940	Water	A/D			

Comment:

Manual Basin: B-1090

Scenario: Scenario1  
 Node: N-1090  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 32.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 36.1457 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
30.7639	Orchard or Tree Farm	B/D			
5.3819	Orchard or Tree	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
	Farm				

Comment:

Manual Basin: B-1100

Scenario: Scenario1  
 Node: N-1100  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 29.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 8.8769 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
7.4366	Orchard or Tree Farm	B/D			
0.4741	Water	B/D			
0.0346	Orchard or Tree Farm	A/D			
0.5785	Fallow	B/D			
0.0312	Water	A/D			
0.0173	Fallow	A/D			
0.2947	Streets and Roads	B/D			
0.0099	Streets and Roads	A/D			

Comment:

Manual Basin: B-1110

Scenario: Scenario1  
 Node: N-1110  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 13.1028 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
12.1073	Orchard or Tree Farm	A/D			
0.9955	Orchard or Tree Farm	B/D			

Comment:

Manual Basin: B-1120

Scenario: Scenario1  
 Node: N-1120  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 39.6694 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
39.6694	Orchard or Tree Farm	A/D			

Comment:

Manual Basin: B-1130

Scenario: Scenario1  
 Node: N-1130  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 5.2935 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0391	Orchard or Tree Farm	B/D			
0.0044	Water	B/D			
2.0880	Orchard or Tree Farm	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.7513	Water	A/D			
0.0069	Open Spaces (fair)	A/D			
0.7249	Fallow	A/D			
0.6788	Streets and Roads	A/D			

Comment:

Manual Basin: B-1140

Scenario: Scenario1  
Node: N-1140  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 35.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 4.5914 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.5756	Orchard or Tree Farm	A/D			
0.8956	Water	A/D			
1.1202	Open Spaces (fair)	A/D			

Comment:

Manual Basin: B-1150

Scenario: Scenario1  
Node: N-1150  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 10.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 3.5852 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.1627	Fallow	A/D			
0.5839	Fallow	B/D			
0.2141	Water	B/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.6245	Water	A/D			

Comment:

Manual Basin: B-1180

Scenario: Scenario1  
Node: N-1180  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 10.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 33.5642 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
9.5384	Orchard or Tree Farm	A/D			
24.0258	Orchard or Tree Farm	B/D			

Comment:

Manual Basin: B-1200

Scenario: Scenario1  
Node: N-1200  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 10.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 49.7839 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
37.7651	Fallow	A/D			
0.9179	Water	A/D			
0.7287	Orchard or Tree Farm	A/D			
9.6189	Fallow	C/D			
0.6915	Water	C/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0618	Orchard or Tree Farm	C/D			

Comment:

Manual Basin: B-1220

Scenario: Scenario1  
 Node: N-1220  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 50.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 55.1884 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.5638	Meadow	A/D			
0.1567	Open Spaces (fair)	A/D			
1.3283	Water	A/D			
50.3446	Pasture or range	A/D			
1.7262	Wetland	A/D			
0.0093	Meadow	C/D			
0.0596	Pasture or range	C/D			

Comment:

Manual Basin: B-1230

Scenario: Scenario1  
 Node: N-1230  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 34.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 65.4434 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.1234	Water	A/D			
0.4743	Pasture or range	A/D			



Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
25.8895	Meadow	A/D			
0.0009	Pasture or range	C/D			
37.5398	Meadow	C/D			
0.4155	Water	C/D			

Comment:

Manual Basin: B-1240

Scenario: Scenario1  
 Node: N-1240  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 64.5019 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
12.1758	Meadow	A/D			
0.5315	Water	A/D			
51.7642	Meadow	C/D			
0.0303	Pasture or range	C/D			

Comment:

Manual Basin: B-1250

Scenario: Scenario1  
 Node: N-1250  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 54.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 119.2319 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
70.2666	Meadow	A/D			
1.4402	Water	A/D			
47.5250	Meadow	C/D			

Comment:

Manual Basin: B-1260

Scenario: Scenario1  
 Node: N-1260  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 52.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 58.8834 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
52.2390	Meadow	C/D			
0.0271	Pasture or range	C/D			
5.1445	Meadow	A/D			
0.8202	Water	C/D			
0.6525	Water	A/D			

Comment:

Manual Basin: B-1280

Scenario: Scenario1  
 Node: N-1280  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 699.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.9247 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
3.0860	Meadow	C/D			
1.8387	Water	C/D			

Comment:

## Manual Basin: B-1290

Scenario: Scenario1  
 Node: N-1290  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 5.2467 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
3.4789	Meadow	C/D			
0.0138	Pasture or range	C/D			
1.7541	Water	C/D			

Comment:

## Manual Basin: B-1300

Scenario: Scenario1  
 Node: N-1300  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 127.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 138.0765 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
6.9285	Pasture or range	C/D			
2.4552	Water	C/D			
128.6928	Meadow	C/D			

Comment:

## Manual Basin: B-1310

Scenario: Scenario1  
 Node: N-1310  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 41.0000 min  
 Max Allowable Q: 0.00 cfs

Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 113.8694 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
25.7152	Pasture or range	C/D			
72.2213	Wood or Forest Land	C/D			
1.3565	Water	C/D			
14.3646	Wetland	C/D			
0.1593	Meadow	C/D			
0.0525	Pasture or range	A/D			

Comment:

Manual Basin: B-1320

Scenario: Scenario1  
 Node: N-1320  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 66.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 184.0249 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
6.5995	Meadow	C/D			
2.4029	Water	C/D			
40.1125	Wood or Forest Land	C/D			
99.8980	Wetland	C/D			
0.4185	Meadow	A/D			
0.2031	Water	A/D			
34.3904	Pasture or range	C/D			

Comment:

Manual Basin: B-1330

Scenario: Scenario1  
 Node: N-1330  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number

Time of Concentration: 65.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 144.0503 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
93.1215	Meadow	A/D			
1.9782	Water	A/D			
48.8554	Meadow	C/D			
0.0952	Water	C/D			

Comment:

Manual Basin: B-1340

Scenario: Scenario1  
 Node: N-1340  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 40.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 281.8847 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0704	Pasture or range	B/D			
0.0072	Open Spaces (fair)	B/D			
0.6672	Open Spaces (fair)	A/D			
5.2409	Pasture or range	A/D			
271.1503	Meadow	A/D			
0.0732	Meadow	B/D			
0.0225	Water	B/D			
4.5366	Water	A/D			
0.0701	Wetland	A/D			
0.0464	Meadow	C/D			

Comment:

Manual Basin: B-1350

Scenario: Scenario1  
 Node: N-1350  
 Hydrograph Method: NRCS Unit Hydrograph

Infiltration Method: Curve Number  
 Time of Concentration: 38.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 276.5508 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.3750	Open Spaces (fair)	B/D			
35.3590	Pasture or range	B/D			
1.1720	Water	B/D			
226.4824	Pasture or range	A/D			
3.2210	Wetland	B/D			
3.2129	Water	A/D			
5.7135	Wetland	A/D			
0.0097	Meadow	B/D			
0.0053	Meadow	A/D			

Comment:

Manual Basin: B-1360

Scenario: Scenario1  
 Node: N-1360  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 40.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 278.3948 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
43.7711	Pasture or range	B/D			
1.0064	Water	B/D			
1.6700	Open Spaces (fair)	B/D			
225.8148	Pasture or range	A/D			
3.5098	Water	A/D			
2.5127	Wetland	B/D			
0.1100	Wetland	A/D			

Comment:

Manual Basin: B-1370

Scenario: Scenario1  
 Node: N-1370  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 906.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 20.2852 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.2243	Pasture or range	B/D			
0.4999	Water	B/D			
0.2594	Open Spaces (fair)	B/D			
13.7783	Pasture or range	A/D			
3.5233	Water	A/D			

Comment:

Manual Basin: B-1380

Scenario: Scenario1  
 Node: N-1380  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 145.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1365.6078 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
935.3923	Pasture or range	A/D			
373.5210	Wood or Forest Land	A/D			
24.9909	Water	A/D			
7.2728	Open Spaces (fair)	A/D			
1.0478	Wetland	A/D			
1.3728	Open Spaces (fair)	C/D			
7.6798	Pasture or range	C/D			
0.4823	Water	C/D			
1.2462	Open Spaces (fair)	B/D			
12.1717	Pasture or range	B/D			
0.4303	Water	B/D			

Comment:

## Manual Basin: B-1390

Scenario: Scenario1  
 Node: N-1390  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 93.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 360.3967 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
180.3998	Pasture or range	A/D			
8.5500	Water	A/D			
15.3242	Wood or Forest Land	B/D			
69.9369	Wood or Forest Land	A/D			
73.8462	Pasture or range	B/D			
0.6929	Water	B/D			
11.6467	Wetland	A/D			

Comment:

## Manual Basin: B-1400

Scenario: Scenario1  
 Node: N-1400  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 44.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 10.9648 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5252	Pasture or range	A/D			
0.0002	Wood or Forest Land	A/D			
3.8955	Pasture or range	B/D			
5.9876	Wood or Forest Land	B/D			
0.5563	Water	B/D			

Comment:



## Manual Basin: B-1410

Scenario: Scenario1  
 Node: N-1410  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 100.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 170.2660 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
158.5376	Pasture or range	A/D			
0.8399	Water	A/D			
10.0459	Wood or Forest Land	A/D			
0.8274	Pasture or range	B/D			
0.0152	Wood or Forest Land	B/D			

Comment:

## Manual Basin: B-1420

Scenario: Scenario1  
 Node: N-1420  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 31.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1.0577 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.4455	Pasture or range	A/D			
0.0478	Pasture or range	B/D			
0.2337	Wood or Forest Land	B/D			
0.1548	Water	A/D			
0.0735	Water	B/D			
0.1025	Wood or Forest Land	A/D			

Comment:

## Manual Basin: B-1430

Scenario: Scenario1  
 Node: N-1430  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 108.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 518.0878 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
136.3609	Wetland	A/D			
230.0204	Pasture or range	A/D			
9.4352	Water	A/D			
9.9513	Pasture or range	A			
0.8968	Wetland	A			
5.7580	Orchard or Tree Farm	A			
23.7692	Wood or Forest Land	A/D			
83.6124	Pasture or range	B/D			
10.0413	Orchard or Tree Farm	A/D			
7.7266	Wood or Forest Land	B/D			
0.5159	Water	B/D			

Comment:

## Manual Basin: B-1440

Scenario: Scenario1  
 Node: N-1440  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 89.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 178.5176 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
61.5639	Pasture or range	B/D			
90.8953	Pasture or range	A/D			
2.1115	Water	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
5.3346	Wood or Forest Land	B/D			
14.0478	Wood or Forest Land	A/D			
4.2876	Wetland	A/D			
0.0046	Wetland	B/D			
0.2722	Water	B/D			

Comment:

Manual Basin: B-1450

Scenario: Scenario1  
Node: N-1450  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 188.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 1885.2120 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
126.6966	Wetland	A/D			
237.3528	Pasture or range	A/D			
399.0954	Pasture or range	B/D			
44.9713	Water	A/D			
520.3435	Orchard or Tree Farm	A/D			
268.2670	Orchard or Tree Farm	A			
14.0329	Water	B/D			
168.3853	Orchard or Tree Farm	B/D			
14.5034	Water	W			
0.6535	Orchard or Tree Farm	W			
2.9894	Water	A			
17.0597	Wetland	B/D			
58.1690	Wood or Forest Land	A/D			
0.0073	Wood or Forest Land	B/D			
0.0206	Wetland	W			
0.0170	Pasture or range	W			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0026	Wetland	A			
4.7884	Wetland	C/D			
6.3726	Pasture or range	C/D			
0.0001	Water	C/D			
1.4836	Wood or Forest Land	A			

Comment:

Manual Basin: B-1460

Scenario: Scenario1  
Node: N-1460  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 254.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 722.2651 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
172.0832	Wood or Forest Land	A/D			
213.9408	Wetland	A/D			
3.7139	Water	A/D			
63.3090	Pasture or range	A/D			
30.1925	Pasture or range	B/D			
225.6332	Wood or Forest Land	B/D			
13.2052	Wetland	B/D			
0.1874	Water	B/D			

Comment:

Manual Basin: B-1470

Scenario: Scenario1  
Node: N-1470  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 23.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr

Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 191.7747 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
148.3219	Pasture or range	A/D			
7.1180	Water	A/D			
3.3888	Wetland	A/D			
0.0003	Wood or Forest Land	A/D			
28.1186	Pasture or range	B/D			
0.5031	Water	B/D			
0.8942	Meadow	A/D			
3.1182	Pasture or range	C/D			
0.2405	Meadow	C/D			
0.0711	Water	C/D			

Comment:

Manual Basin: B-1480

Scenario: Scenario1  
 Node: N-1480  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 133.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 480.8964 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
73.6877	Wood or Forest Land	B/D			
108.6762	Wood or Forest Land	A/D			
4.8973	Wetland	B/D			
16.5677	Wetland	A/D			
207.8457	Pasture or range	B/D			
69.2218	Pasture or range	A/D			

Comment:

Manual Basin: B-1500

Scenario: Scenario1

Node: N-1500  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 9.3271 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
9.3271	Pasture or range	A/D			

Comment:

Manual Basin: B-1540

Scenario: Scenario1  
 Node: N-1540  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 40.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 10.5968 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
10.2289	Pasture or range	A/D			
0.3680	Pasture or range	B/D			

Comment:

Manual Basin: B-1560

Scenario: Scenario1  
 Node: N-1560  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 7.9509 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient	Reference ET
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Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
5.0776	Pasture or range	A/D			
1.9348	Wood or Forest Land	A/D			
0.6938	Wetland	A/D			
0.2447	Pasture or range	B/D			

Comment:

**Manual Basin: B-1570**

Scenario: Scenario1  
 Node: N-1570  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 8.2692 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
3.0456	Wood or Forest Land	A/D			
2.2218	Pasture or range	A/D			
3.0018	Wetland	A/D			

Comment:

**Manual Basin: B-1600**

Scenario: Scenario1  
 Node: N-1600  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.8819 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
4.8319	Pasture or range	A/D			
0.0500	Wood or Forest	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
	Land				

Comment:

Manual Basin: B-1610

Scenario: Scenario1  
 Node: N-1610  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 3.9952 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
3.9952	Pasture or range	A/D			

Comment:

Manual Basin: B-1630

Scenario: Scenario1  
 Node: N-1630  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1.4558 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.4391	Pasture or range	A/D			
0.0167	Wood or Forest Land	A/D			

Comment:



## Manual Basin: B-1640

Scenario: Scenario1  
 Node: N-1640  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1.6465 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.6465	Pasture or range	A/D			

Comment:

## Manual Basin: B-1670

Scenario: Scenario1  
 Node: N-1670  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 167.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1312.8682 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1143.2349	Orchard or Tree Farm	A			
3.3763	Wetland	A			
62.5348	Wetland	A/D			
34.2747	Orchard or Tree Farm	A/D			
0.0298	Wood or Forest Land	A			
21.4837	Streets and Roads	A			
1.4510	Water	A/D			
4.6387	Wetland	W			
37.6355	Water	W			
1.8528	Water	A			
1.6986	Orchard or Tree Farm	W			
0.2319	Wood or Forest Land	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1800	Pasture or range	A			
0.0957	Pasture or range	W			
0.1500	Pasture or range	A/D			

Comment:

Manual Basin: B-1680

Scenario: Scenario1  
Node: N-1680  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 17.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 30.7603 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3874	Streets and Roads	A			
1.7106	Open Space	A			
27.9491	Residential (1 acre)	A			
0.0186	Residential (1/2 acre)	A			
0.6946	Water	A			

Comment:

Manual Basin: B-1690

Scenario: Scenario1  
Node: N-1690  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 195.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 1232.1582 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
10.4009	Streets and Roads	A			
397.9997	Residential (1/2	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
	acre)				
44.4080	Open Space	A			
44.7620	Wetland	A			
22.6870	Wood or Forest Land	A			
196.9040	Residential (1 acre)	A			
16.6979	Water	A			
269.3466	Streets and Roads (dirt)	A			
0.7761	Brush	A			
10.1032	Pasture or range	A			
211.5940	Orchard or Tree Farm	A			
6.4788	Open Spaces (poor)	A			

Comment:

Manual Basin: B-1700

Scenario: Scenario1  
Node: N-1700  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 286.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 5583.2435 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
928.9405	Orchard or Tree Farm	A			
54.4494	Commerical and Business Areas	A			
56.1699	Streets and Roads	A			
160.4352	Residential (1/2 acre)	A			
167.9248	Brush	A			
6.6534	Industrial Districts	A			
255.1548	Water	A			
493.8039	Wetland	A			
621.1752	Residential (1 acre)	A			
164.9627	Pasture or range	A			
163.8355	Wood or Forest Land	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1249.6895	Streets and Roads (dirt)	A			
5.9069	Streets and Roads	A			
37.9736	Open Space	A			
5.9223	Open Spaces (poor)	A			
18.7574	Pasture or range	A/D			
31.6013	Open Space	A/D			
3.0745	Residential (1/4 acre)	A			
12.3204	Residential (1/4 acre)	A/D			
115.5927	Water	A/D			
2.8784	Streets and Roads	A/D			
5.5914	Residential (1 acre)	B/D			
23.2353	Pasture or range	B/D			
250.8835	Residential (1 acre)	A/D			
11.5236	Water	B/D			
0.4175	Residential (1/4 acre)	B/D			
0.1492	Brush	B/D			
6.3073	Wood or Forest Land	B/D			
544.3049	Water	W			
8.3501	Wetland	W			
16.9619	Commercial and Business Areas	A/D			
0.1291	Commercial and Business Areas	B/D			
4.6846	Commercial and Business Area	A/D			
2.4357	Residential (1/4 acre)	W			
0.0169	Commercial and Business Area	W			
104.6277	Wetland	A/D			
6.3184	Industrial District	A/D			
4.0714	Residential (1 acre)	W			
10.6214	Industrial District	A			
0.0132	Industrial District	W			
0.0026	Open Space	W			
0.3101	Commercial and Business Areas	W			
1.5644	Streets and Roads (dirt)	W			
6.1272	Streets and Roads (dirt)	A/D			
6.5777	Wetland	B/D			
5.8292	Orchard or Tree	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
	Farm				
0.0008	Wood or Forest Land	A/D			
4.9661	Commercial and Business Area	A			

Comment:

Manual Basin: B-1710

Scenario: Scenario1  
 Node: N-1710  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 125.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 436.9983 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
19.8080	Orchard or Tree Farm	A/D			
12.4472	Pasture or range	A/D			
296.6108	Wood or Forest Land	A/D			
0.5917	Streets and Roads	A/D			
6.0013	Water	A/D			
22.1108	Wood or Forest Land	B/D			
47.8005	Wetland	A/D			
2.2579	Wetland	B/D			
0.9437	Residential (1/2 acre)	A/D			
23.7193	Wetland	C/D			
4.5916	Wood or Forest Land	C/D			
0.1155	Pasture or range	C/D			

Comment:

Manual Basin: B-1730

Scenario: Scenario1

Node: N-1730  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 233.1612 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
89.5608	Fallow	C/D			
0.2714	Water	C/D			
118.2507	Pasture or range	C/D			
25.0783	Pasture or range	A/D			

Comment:

Manual Basin: B-1740

Scenario: Scenario1  
 Node: N-1740  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 133.4655 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
123.0789	Fallow	C/D			
2.6935	Water	C/D			
3.8332	Fallow	A/D			
3.7990	Pasture or range	C/D			
0.0609	Water	A/D			

Comment:

Manual Basin: B-1750

Scenario: Scenario1  
 Node: N-1750  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 260.0000 min

Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 139.7415 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
66.2939	Fallow	C/D			
1.8210	Water	C/D			
71.3348	Fallow	A/D			
0.2917	Water	A/D			

Comment:

Manual Basin: B-1780

Scenario: Scenario1  
 Node: N-1780  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 56.2669 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3919	Meadow	C/D			
3.8785	Fallow	C/D			
20.9174	Fallow	A/D			
28.6420	Fallow	B/D			
0.4718	Water	C/D			
1.6189	Water	A/D			
0.0867	Open Spaces (fair)	A/D			
0.2598	Water	B/D			

Comment:

Manual Basin: B-1800

Scenario: Scenario1  
 Node: N-1800  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs

Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 10.9239 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
4.4640	Fallow	C/D			
0.5848	Water	C/D			
5.8751	Fallow	A/D			

Comment:

Manual Basin: B-1810

Scenario: Scenario1  
 Node: N-1810  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 199.7485 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
87.4577	Fallow	C/D			
2.1429	Water	C/D			
105.8147	Fallow	A/D			
1.6422	Water	A/D			
1.6461	Meadow	A/D			
0.4993	Meadow	C/D			
0.0103	Orchard or Tree Farm	C/D			
0.5353	Wetland	C/D			

Comment:

Manual Basin: B-1820

Scenario: Scenario1  
 Node: N-1820  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr



Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 174.4084 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3087	Fallow	C/D			
0.2108	Pasture or range	C/D			
10.1111	Orchard or Tree Farm	C/D			
1.1851	Water	C/D			
1.5488	Pasture or range	A/D			
155.2627	Orchard or Tree Farm	A/D			
4.9205	Water	A/D			
0.8607	Fallow	A/D			

Comment:

Manual Basin: B-1840

Scenario: Scenario1  
 Node: N-1840  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 23.0951 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.3447	Orchard or Tree Farm	A/D			
0.7482	Orchard or Tree Farm	C/D			
9.0520	Wetland	C/D			
11.3087	Wetland	A/D			
0.3496	Fallow	A/D			
0.2708	Fallow	C/D			
0.0210	Water	C/D			

Comment:

Manual Basin: B-1880

Scenario: Scenario1

Node: N-1880  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 113.0952 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
59.6428	Orchard or Tree Farm	A/D			
25.3260	Orchard or Tree Farm	C/D			
1.3797	Water	C/D			
1.1303	Water	A/D			
2.0874	Pasture or range	A/D			
23.5291	Pasture or range	C/D			

Comment:

Manual Basin: B-1890

Scenario: Scenario1  
 Node: N-1890  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 25.3484 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.8313	Fallow	C/D			
3.2324	Wetland	C/D			
3.0766	Fallow	A/D			
1.4641	Meadow	C/D			
0.4226	Meadow	A/D			
7.6173	Water	C/D			
0.5722	Orchard or Tree Farm	A/D			
3.8121	Water	A/D			
3.3134	Orchard or Tree Farm	C/D			
0.0063	Wood or Forest	C/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
	Land				

Comment:

Manual Basin: B-1900

Scenario: Scenario1  
 Node: N-1900  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 16.3548 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
7.2084	Orchard or Tree Farm	A/D			
1.6562	Orchard or Tree Farm	C/D			
6.0849	Water	A/D			
1.2935	Water	C/D			
0.1118	Open Spaces (fair)	A/D			

Comment:

Manual Basin: B-1910

Scenario: Scenario1  
 Node: N-1910  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 345.5543 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
214.3227	Pasture or range	A/D			
6.2167	Water	A/D			
0.9436	Wood or Forest	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
	Land				
120.1340	Pasture or range	C/D			
3.9374	Water	C/D			

Comment:

Manual Basin: B-1920

Scenario: Scenario1  
Node: N-1920  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 10.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 518.5265 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
474.3795	Pasture or range	A/D			
7.2905	Water	A/D			
0.4945	Meadow	A/D			
28.2225	Pasture or range	B/D			
6.2716	Wetland	A/D			
0.8548	Water	B/D			
1.0096	Pasture or range	C/D			
0.0036	Water	C/D			

Comment:

Manual Basin: B-1930

Scenario: Scenario1  
Node: N-1930  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 10.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 948.6236 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.8274	Orchard or Tree Farm	A/D			
234.5368	Pasture or range	A/D			
0.9899	Streets and Roads	A/D			
7.0172	Orchard or Tree Farm	A			
7.5309	Residential (1 acre)	A/D			
1.3751	Streets and Roads	A			
8.9569	Residential (1 acre)	A			
10.7083	Streets and Roads (dirt)	A			
5.1921	Water	A/D			
0.0974	Water	A			
50.3828	Wood or Forest Land	A/D			
29.8150	Pasture or range	A			
490.6485	Wetland	A/D			
12.9507	Wetland	A			
3.6269	Wood or Forest Land	B/D			
81.7923	Pasture or range	B/D			
1.0833	Wetland	B/D			
1.0725	Row Crops	A/D			
0.0111	Meadow	A/D			
0.0085	Wood or Forest Land	A			

Comment:

Manual Basin: B-1940

Scenario: Scenario1  
Node: N-1940  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 72.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 3216.0302 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
229.0115	Pasture or range	A			
0.8869	Streets and Roads (dirt)	A			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
36.2821	Wood or Forest Land	A/D			
0.1586	Streets and Roads (dirt)	A/D			
145.8728	Pasture or range	A/D			
1052.5570	Row Crops	A/D			
12.6499	Residential (1 acre)	A/D			
562.3486	Wood or Forest Land	A			
46.2852	Water	A/D			
1.3700	Commercial and Business Area	A			
509.5232	Wetland	A/D			
7.2068	Commercial and Business Areas	A			
28.0294	Wetland	A			
11.0852	Commercial and Business Area	A/D			
277.2484	Orchard or Tree Farm	A			
22.5310	Orchard or Tree Farm	A/D			
7.6611	Commercial and Business Areas	A/D			
3.2194	Open Space	A/D			
1.2504	Open Space	A			
40.0226	Residential (1 acre)	A			
1.1720	Water	A			
32.2997	Meadow	A/D			
184.6312	Brush	A			
1.5341	Brush	A/D			
0.0044	Cultivated Land	A			
1.1886	Commercial and Business Areas	A			

Comment:

Manual Basin: B-1950

Scenario: Scenario1  
Node: N-1950  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 10.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr

Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1205.7834 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.8686	Meadow	A/D			
455.6340	Row Crops	A/D			
191.8293	Pasture or range	A/D			
31.5572	Water	A/D			
44.0103	Row Crops	C/D			
232.2128	Pasture or range	C/D			
13.4090	Water	C/D			
92.8850	Orchard or Tree Farm	C/D			
141.3771	Orchard or Tree Farm	A/D			

Comment:

Manual Basin: B-1960

Scenario: Scenario1  
 Node: N-1960  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1075.3265 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
204.3762	Row Crops	C/D			
11.4419	Water	C/D			
67.8556	Row Crops	A/D			
120.8857	Pasture or range	C/D			
361.7440	Pasture or range	A/D			
18.2388	Water	A/D			
5.7258	Wetland	A/D			
1.5064	Wetland	C/D			
21.2634	Orchard or Tree Farm	C/D			
248.1046	Orchard or Tree Farm	A/D			
0.1445	Orchard or Tree Farm	W			
5.3517	Water	W			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
8.6879	Residential (1 acre)	A/D			

Comment:

Manual Basin: B-1970

Scenario: Scenario1  
 Node: N-1970  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1132.9948 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
810.3444	Pasture or range	C/D			
20.1318	Water	C/D			
1.5925	Open Spaces (fair)	C/D			
15.5191	Open Spaces (fair)	A			
2.3746	Pasture or range	A			
0.1456	Water	A			
0.1819	Water	B/D			
4.2175	Pasture or range	B/D			
192.1645	Pasture or range	A/D			
2.2801	Wetland	A/D			
79.1248	Wetland	C/D			
0.0253	Open Spaces (fair)	B/D			
4.8928	Water	A/D			

Comment:

Manual Basin: B-1980

Scenario: Scenario1  
 Node: N-1980  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0



Area: 649.9748 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
374.0237	Pasture or range	C/D			
4.8553	Water	C/D			
11.0961	Wetland	C/D			
0.9176	Wetland	A/D			
256.5143	Pasture or range	A/D			
2.5679	Water	A/D			

Comment:

Manual Basin: B-2000

Scenario: Scenario1  
Node: N-2000  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 10.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH256  
Peaking Factor: 256.0  
Area: 1688.0885 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
17.3095	Water	A/D			
575.1694	Pasture or range	A/D			
22.8826	Water	C/D			
673.2215	Pasture or range	C/D			
1.2656	Fallow	C/D			
155.5808	Wetland	C/D			
104.8210	Pasture or range	B/D			
3.2044	Water	B/D			
3.6412	Wetland	B/D			
57.8793	Wetland	A/D			
1.0200	Wood or Forest Land	C/D			
25.5003	Wood or Forest Land	B/D			
46.5930	Wood or Forest Land	A/D			

Comment:

Manual Basin: B-2010

Scenario: Scenario1  
 Node: N-2010  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1010.3111 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.7434	Cultivated Land	A/D			
16.8520	Water	A/D			
5.9739	Streets and Roads	A/D			
49.0444	Residential (1/2 acre)	A/D			
35.3661	Orchard or Tree Farm	A/D			
22.1661	Water	W			
292.3951	Pasture or range	A/D			
0.6046	Pasture or range	W			
227.7306	Wood or Forest Land	A/D			
215.3054	Wetland	A/D			
7.2576	Residential (1 acre)	A/D			
31.4525	Pasture or range	C/D			
34.5312	Wood or Forest Land	C/D			
0.7691	Water	C/D			
3.4296	Residential (1 acre)	C/D			
0.9928	Streets and Roads	C/D			
0.2408	Orchard or Tree Farm	C/D			
0.5020	Orchard or Tree Farm	W			
21.3112	Orchard or Tree Farm	A			
5.3205	Streets and Roads (dirt)	A			
6.4460	Wetland	B/D			
15.7542	Wood or Forest Land	B/D			
8.0793	Commerical and Business Areas	A/D			
5.6423	Pasture or range	B/D			
0.0087	Commerical and Business Areas	W			
0.3918	Wood or Forest Land	W			

Comment:

Manual Basin: B-2020

Scenario: Scenario1  
 Node: N-2020  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1759.7442 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.9267	Pasture or range	A/D			
15.4271	Water	A/D			
1374.1823	Meadow	A/D			
200.1335	Meadow	C/D			
3.0082	Meadow	B/D			
142.4193	Row Crops	A/D			
21.8270	Wetland	A/D			
0.0002	Wood or Forest Land	A/D			
1.7697	Water	C/D			
0.0441	Row Crops	C/D			
0.0061	Pasture or range	C/D			

Comment:

Manual Basin: B-2030

Scenario: Scenario1  
 Node: N-2030  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 339.7791 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
203.7778	Pasture or range	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
6.0299	Water	A/D			
54.9833	Pasture or range	C/D			
74.9881	Water	C/D			

Comment:

Manual Basin: B-2040

Scenario: Scenario1  
 Node: N-2040  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 454.2337 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
93.7750	Meadow	A/D			
211.5964	Meadow	C/D			
144.1571	Fallow	C/D			
0.7856	Fallow	A/D			
0.4465	Pasture or range	C/D			
2.8504	Water	C/D			
0.6227	Water	A/D			

Comment:

Manual Basin: B-2050

Scenario: Scenario1  
 Node: N-2050  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 793.1267 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
328.9619	Pasture or range	C/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
10.4576	Water	C/D			
180.9882	Wetland	C/D			
177.6784	Pasture or range	A/D			
2.6018	Water	A/D			
30.2625	Wetland	A/D			
0.8387	Open Spaces (fair)	A/D			
3.9007	Open Spaces (fair)	A			
45.4755	Pasture or range	B/D			
2.1384	Water	B/D			
3.7789	Wetland	B/D			
1.1538	Pasture or range	A			
4.8840	Open Spaces (fair)	C/D			
0.0063	Water	A			

Comment:

Manual Basin: B-2060

Scenario: Scenario1  
 Node: N-2060  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 619.3042 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
77.7079	Pasture or range	A/D			
2.0379	Water	A/D			
427.0752	Pasture or range	C/D			
0.4129	Fallow	A/D			
5.8082	Water	C/D			
88.9032	Wetland	C/D			
0.3336	Open Spaces (fair)	C/D			
2.4872	Open Spaces (fair)	A			
0.0028	Wetland	A			
0.0112	Pasture or range	A			
0.0302	Fallow	C/D			
0.8376	Water	A			
0.3406	Open Spaces (fair)	A/D			
13.3156	Wetland	A/D			

Comment:

## Manual Basin: B-2070

Scenario: Scenario1  
 Node: N-2070  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 279.3174 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
58.5003	Orchard or Tree Farm	C/D			
5.8652	Water	C/D			
38.3917	Orchard or Tree Farm	A/D			
5.7999	Water	A/D			
89.6443	Pasture or range	C/D			
3.1522	Fallow	C/D			
57.8761	Fallow	A/D			
20.0878	Pasture or range	A/D			

Comment:

## Manual Basin: B-2080

Scenario: Scenario1  
 Node: N-2080  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 408.0056 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
356.7672	Meadow	C/D			
42.5161	Meadow	A/D			
1.0984	Water	A/D			
4.9868	Water	C/D			
1.1647	Orchard or Tree Farm	C/D			
1.4724	Orchard or Tree Farm	A/D			

Comment:

Manual Basin: B-2260

Scenario: Scenario1  
 Node: N-2260  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 6.2282 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
6.1207	Fallow	C/D			
0.1075	Water	C/D			

Comment:

Manual Basin: B-2270

Scenario: Scenario1  
 Node: N-2270  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 6.4467 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
6.4013	Meadow	C/D			
0.0454	Fallow	C/D			

Comment:

Manual Basin: B-2280

Scenario: Scenario1  
 Node: N-2280

Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.1566 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.6260	Water	C/D			
2.5306	Fallow	C/D			

Comment:

Manual Basin: B-2290

Scenario: Scenario1  
 Node: N-2290  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 50.6354 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.2787	Orchard or Tree Farm	A/D			
8.5769	Orchard or Tree Farm	C/D			
13.1570	Water	C/D			
0.0614	Open Spaces (fair)	A			
0.0282	Open Spaces (fair)	C/D			
8.7558	Water	A/D			
0.0475	Water	A			
2.2113	Pasture or range	A/D			
4.8347	Pasture or range	C/D			
1.4578	Fallow	A/D			
4.2341	Meadow	A/D			
1.1284	Fallow	C/D			
3.8638	Meadow	C/D			

Comment:



Manual Basin: B-2300

Scenario: Scenario1  
 Node: N-2300  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 33.9145 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
33.9145	Water	A/D			

Comment:

Manual Basin: B-2310

Scenario: Scenario1  
 Node: N-2310  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 68.4868 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
4.8322	Meadow	C/D			
3.9143	Fallow	C/D			
17.0387	Pasture or range	C/D			
16.2197	Water	C/D			
7.9822	Pasture or range	A/D			
0.1341	Open Spaces (fair)	A/D			
0.2515	Open Spaces (fair)	A			
4.0035	Water	A/D			
10.4839	Row Crops	C/D			
0.0581	Water	A			
0.0676	Wetland	C/D			
3.5010	Row Crops	A/D			

Comment:

## Manual Basin: B-2320

Scenario: Scenario1  
 Node: N-2320  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 55.6117 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
8.0228	Meadow	A/D			
2.6053	Meadow	C/D			
9.4343	Water	A/D			
12.5966	Row Crops	A/D			
2.5587	Water	C/D			
9.5622	Row Crops	C/D			
7.4833	Pasture or range	A/D			
3.3484	Pasture or range	C/D			

Comment:

## Manual Basin: B-2330

Scenario: Scenario1  
 Node: N-2330  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 7.6209 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.5988	Residential (1/2 acre)	A/D			
0.4884	Pasture or range	A/D			
1.8794	Water	A/D			
3.6512	Wood or Forest Land	A/D			
0.0031	Streets and Roads	A/D			

Comment:

Manual Basin: B-2340

Scenario: Scenario1  
 Node: N-2340  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 13.8674 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
11.7063	Wood or Forest Land	A/D			
1.8747	Water	A/D			
0.1565	Streets and Roads	A/D			
0.1299	Wetland	A/D			

Comment:

Manual Basin: B-2350

Scenario: Scenario1  
 Node: N-2350  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 6.2121 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
4.9464	Pasture or range	A/D			
1.2658	Water	A/D			

Comment:

Manual Basin: B-2360

Scenario: Scenario1  
 Node: N-2360  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min

Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 3.3992 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.5539	Pasture or range	A/D			
0.1880	Wood or Forest Land	A/D			
0.6574	Water	A/D			

Comment:

Manual Basin: B-2370

Scenario: Scenario1  
 Node: N-2370  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 16.9424 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
7.8052	Pasture or range	A/D			
2.6905	Water	A/D			
3.4989	Pasture or range	B/D			
1.2233	Water	B/D			
0.4713	Meadow	B/D			
0.0084	Meadow	C/D			
1.2448	Meadow	A/D			

Comment:

Manual Basin: B-2380

Scenario: Scenario1  
 Node: N-2380  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 6.7023 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.8253	Pasture or range	A/D			
2.0190	Water	A/D			
2.8580	Wood or Forest Land	A/D			

Comment:

Manual Basin: B-2400

Scenario: Scenario1  
 Node: N-2400  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 167.6009 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.2369	Meadow	A/D			
160.9764	Pasture or range	A/D			
4.0768	Water	A/D			
0.3735	Pasture or range	C/D			
0.3616	Water	C/D			
0.0356	Pasture or range	B/D			
0.0079	Water	B/D			
0.5314	Meadow	C/D			
0.0008	Meadow	B/D			

Comment:

Manual Basin: B-2410

Scenario: Scenario1  
 Node: N-2410  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr

Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 3.5827 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.5120	Meadow	A/D			
1.0707	Water	A/D			

Comment:

Manual Basin: B-2420

Scenario: Scenario1  
 Node: N-2420  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.1250 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.9319	Meadow	A/D			
1.1878	Water	A/D			
0.0054	Pasture or range	A/D			

Comment:

Manual Basin: B-2430

Scenario: Scenario1  
 Node: N-2430  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 12.9698 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.9815	Row Crops	A/D			
2.2141	Water	A/D			
7.5167	Pasture or range	A/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1925	Pasture or range	C/D			
0.0650	Water	C/D			

Comment:

Manual Basin: B-2440

Scenario: Scenario1  
 Node: N-2440  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.4270 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.5706	Water	C/D			
3.4503	Fallow	C/D			
0.0913	Water	A/D			
0.3149	Fallow	A/D			

Comment:

Manual Basin: B-2450

Scenario: Scenario1  
 Node: N-2450  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.2928 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
4.2498	Meadow	C/D			
0.0199	Water	C/D			
0.0231	Fallow	C/D			

Comment:

Manual Basin: B-2460

Scenario: Scenario1  
 Node: N-2460  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.1546 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.0559	Water	A/D			
2.5183	Meadow	A/D			
1.5801	Meadow	C/D			
0.0003	Water	C/D			

Comment:

Manual Basin: B-2470

Scenario: Scenario1  
 Node: N-2470  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.0478 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
4.0478	Meadow	A/D			

Comment:

Manual Basin: B-2490

Scenario: Scenario1  
 Node: N-2490  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr



Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 7.3101 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.3727	Pasture or range	C/D			
0.2478	Water	C/D			
4.7227	Pasture or range	A/D			
0.9670	Water	A/D			

Comment:

Manual Basin: B-2500

Scenario: Scenario1  
 Node: N-2500  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 4.8353 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.1707	Pasture or range	A/D			
2.0082	Wetland	A/D			
0.0405	Wetland	C/D			
1.3308	Orchard or Tree Farm	C/D			
0.0205	Water	A/D			
0.3349	Water	C/D			
0.9231	Orchard or Tree Farm	A/D			
0.0065	Wood or Forest Land	A/D			

Comment:

Manual Basin: B-2510

Scenario: Scenario1  
 Node: N-2510  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min

Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1385.3437 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
14.1529	Fallow	A/D			
1.5928	Pasture or range	A/D			
136.6230	Fallow	C/D			
8.5957	Water	A/D			
1046.3029	Meadow	A/D			
176.0173	Meadow	C/D			
2.0591	Water	C/D			

Comment:

Manual Basin: B-2520

Scenario: Scenario1  
 Node: N-2520  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 641.3397 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
311.2091	Row Crops	A/D			
308.5499	Row Crops	C/D			
4.3538	Water	A/D			
5.1601	Water	C/D			
5.1372	Wetland	A/D			
6.9295	Wetland	C/D			

Comment:

Manual Basin: BN10

Scenario: Scenario1  
 Node: BN10  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 315.0000 min

Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 605.7437 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
503.9656	Orchard or Tree Farm	A/D			
90.9265	Orchard or Tree Farm	C/D			
8.8884	Water	A/D			
1.9632	Water	C/D			

Comment:

Manual Basin: BN20

Scenario: Scenario1  
 Node: BN20  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 480.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 129.5389 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
4.8261	Orchard or Tree Farm	A/D			
121.2185	Orchard or Tree Farm	C/D			
0.1421	Water	A/D			
3.3522	Water	C/D			

Comment:

Manual Basin: BN30

Scenario: Scenario1  
 Node: BN30  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs

Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 10.1420 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.8471	Water	A/D			
2.0729	Meadow	A/D			
1.4959	Orchard or Tree Farm	A/D			
2.1426	Meadow	C/D			
2.2896	Orchard or Tree Farm	C/D			
1.2939	Water	C/D			

Comment:

Manual Basin: BN40

Scenario: Scenario1  
 Node: BN40  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 2.4940 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.2616	Orchard or Tree Farm	A/D			
1.1030	Orchard or Tree Farm	C/D			
1.1294	Water	C/D			

Comment:

Manual Basin: BN50

Scenario: Scenario1  
 Node: BN50  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs

Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 15.5682 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
7.2820	Orchard or Tree Farm	A/D			
0.2572	Water	A/D			
2.5148	Open Spaces (fair)	A/D			
2.5011	Orchard or Tree Farm	C/D			
0.6556	Water	C/D			
0.4234	Open Spaces (fair)	C/D			
1.6211	Open Spaces (fair)	A			
0.2147	Orchard or Tree Farm	A			
0.0982	Water	A			

Comment:

Manual Basin: BN60

Scenario: Scenario1  
 Node: BN60  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 2.2783 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
2.2126	Orchard or Tree Farm	C/D			
0.0658	Water	C/D			

Comment:

Manual Basin: BS10

Scenario: Scenario1  
 Node: BS10  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number

Time of Concentration: 320.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 1142.8883 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
45.7091	Fallow	B/D			
1.0954	Water	B/D			
301.0354	Fallow	A/D			
17.7128	Water	A/D			
138.1390	Fallow	C/D			
16.5652	Water	C/D			
217.3701	Orchard or Tree Farm	C/D			
405.2614	Orchard or Tree Farm	A/D			

Comment:

Manual Basin: BS20

Scenario: Scenario1  
 Node: BS20  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 424.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 523.1497 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
150.2831	Fallow	C/D			
336.3211	Fallow	A/D			
5.8067	Water	A/D			
24.0169	Fallow	B/D			
0.7786	Water	B/D			
4.8496	Water	C/D			
0.3880	Orchard or Tree Farm	C/D			
0.7056	Orchard or Tree Farm	A/D			

Comment:

## Manual Basin: BS30

Scenario: Scenario1  
 Node: BS30  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 30.2462 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
3.5147	Water	A/D			
7.0812	Fallow	A/D			
5.7018	Open Spaces (fair)	A/D			
0.0135	Open Spaces (fair)	W			
0.0024	Fallow	W			
0.7886	Water	C/D			
3.5001	Fallow	C/D			
1.1629	Open Spaces (fair)	C/D			
8.4809	Orchard or Tree Farm	A/D			

Comment:

## Manual Basin: BS40

Scenario: Scenario1  
 Node: BS40  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 22.9866 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
1.8106	Meadow	C/D			
0.4993	Water	C/D			
1.1722	Fallow	C/D			
7.8139	Fallow	A/D			
7.1780	Meadow	A/D			
2.4714	Water	A/D			
0.8652	Fallow	B/D			
0.1453	Water	B/D			

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
0.3570	Meadow	B/D			
0.1954	Orchard or Tree Farm	B/D			
0.4781	Orchard or Tree Farm	A/D			

Comment:

Manual Basin: Canal 4

Scenario: Scenario1  
 Node: CANAL4  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 22.0409 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
9.1297	Meadow	C/D			
0.6623	Fallow	C/D			
1.8651	Water	C/D			
8.1136	Meadow	A/D			
1.3048	Water	A/D			
0.9654	Fallow	A/D			

Comment:

Manual Basin: FN

Scenario: Scenario1  
 Node: FN  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 381.7071 ac



Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
33.5585	Meadow	C/D			
1.5703	Water	C/D			
51.2975	Fallow	C/D			
220.9089	Meadow	A/D			
28.4440	Fallow	A/D			
6.0579	Water	A/D			
3.2599	Meadow	B/D			
0.3418	Water	B/D			
2.1711	Orchard or Tree Farm	B/D			
34.0973	Orchard or Tree Farm	A/D			

Comment:

Manual Basin: FS

Scenario: Scenario1  
 Node: FS  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 10.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH256  
 Peaking Factor: 256.0  
 Area: 272.6362 ac

Area [ac]	Land Cover Zone	Soil Zone	Rainfall Name	Crop Coefficient Zone	Reference ET Station
82.0562	Meadow	C/D			
1.0520	Water	C/D			
180.9854	Meadow	A/D			
2.8125	Water	A/D			
5.7036	Meadow	B/D			
0.0194	Fallow	C/D			
0.0071	Fallow	A/D			

Comment:

Node: A10

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.200 ft

Warning Stage: 27.000 ft

Stage [ft]	Area [ac]	Area [ft2]
23.200	0.0100	436
23.700	0.3000	13068
24.700	0.5000	21780
25.700	86.6000	3772296
26.700	161.2000	7021872
27.700	173.6000	7562016
28.700	176.1000	7670916
29.700	176.4000	7683984
30.700	176.7000	7697052
31.700	177.2000	7718832
32.700	177.4000	7727544
33.700	177.6000	7736256
999.000	177.6000	7736256

Comment: Information taken from Permit 28-0285-S.

Node: A20

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 22.500 ft  
 Warning Stage: 27.000 ft

Stage [ft]	Area [ac]	Area [ft2]
22.500	0.0100	436
23.000	0.3000	13068
24.000	1.2000	52272
25.000	2.7000	117612
26.000	4.8000	209088
27.000	7.4000	322344
28.000	16.3000	710028
29.000	21.2000	923472
30.100	21.7000	945252
999.000	21.7000	945252

Comment: Information taken from Permit 28-0285-S.

Node: A30

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 22.000 ft

Warning Stage: 27.000 ft

Stage [ft]	Area [ac]	Area [ft2]
22.000	0.0100	436
22.500	0.5000	21780
23.500	1.8000	78408
24.500	4.0000	174240
25.500	9.1000	396396
26.500	85.7000	3733092
27.600	87.6000	3815856
999.000	87.6000	3815856

Comment: Information taken from Permit 28-0285-S.

**Node: A40**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 21.700 ft  
 Warning Stage: 22.000 ft

Stage [ft]	Area [ac]	Area [ft2]
21.700	0.0100	436
22.200	0.9000	39204
23.200	1.6000	69696
24.200	2.2000	95832
25.200	2.9000	126324
26.200	4.0000	174240
27.200	6.6000	287496
28.200	9.3000	405108
29.200	11.6000	505296
30.200	13.3000	579348
31.200	13.9000	605484
32.200	14.0000	609840
33.200	14.1000	614196
999.000	14.1000	614196

Comment: Information taken from Permit 28-0285-S.

**Node: A50**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 21.800 ft  
 Warning Stage: 22.000 ft

Stage [ft]	Area [ac]	Area [ft2]
21.800	0.0100	436
22.300	1.2000	52272
23.300	1.9000	82764
24.300	2.5000	108900
25.300	3.2000	139392
26.300	4.5000	196020
27.300	6.6000	287496
28.300	9.0000	392040
29.300	10.2000	444312
30.300	11.1000	483516
31.300	11.6000	505296
32.300	11.8000	514008
33.500	11.9000	518364
999.000	11.9000	518364

Comment: Information taken from Permit 28-0285-S.

**Node: A60**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.160 ft  
 Warning Stage: 28.400 ft

Stage [ft]	Area [ac]	Area [ft2]
25.160	0.0046	200
26.000	0.2116	9217
27.000	0.3880	16900
28.000	0.9252	40300
29.000	1.8618	81100
30.000	3.0510	132900
31.000	3.7190	162000
32.000	4.3113	187800
33.000	4.6740	203600
34.000	5.2479	228600
35.000	5.4810	238753
36.000	5.4810	238753

Comment: Information taken from Permit 28-0285-S.

**Node: BN10**

Scenario: Scenario1  
 Type: Stage/Area

Base Flow: 0.00 cfs  
 Initial Stage: 23.500 ft  
 Warning Stage: 28.300 ft

Stage [ft]	Area [ac]	Area [ft2]
23.500	0.0100	436
24.000	1.4000	60984
25.000	5.5000	239580
26.000	13.5000	588060
27.000	173.4000	7553304
28.000	524.5000	22847220
29.000	596.2000	25970472
30.000	601.2000	26188272
31.000	602.8000	26257968
32.000	604.2000	26318952
33.000	604.8000	26345088
34.200	605.4000	26371224
999.000	605.4000	26371224

Comment: Information taken from Permit 28-0285-S.

Node: BN20

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 22.500 ft  
 Warning Stage: 28.300 ft

Stage [ft]	Area [ac]	Area [ft2]
22.500	0.0100	436
23.000	0.4000	17424
24.000	1.4000	60984
25.000	3.2000	139392
26.000	12.2000	531432
27.000	42.4000	1846944
28.000	95.5000	4159980
29.000	127.4000	5549544
30.000	129.2000	5627952
31.000	129.4000	5636664
32.200	129.5000	5641020
999.000	129.5000	5641020

Comment: Information taken from Permit 28-0285-S.

Node: BN30

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 22.800 ft  
 Warning Stage: 23.000 ft

Stage [ft]	Area [ac]	Area [ft2]
22.800	0.0100	436
23.300	2.0000	87120
24.300	3.9000	169884
25.300	4.5000	196020
26.300	4.9000	213444
27.300	5.2000	226512
28.300	5.5000	239580
29.300	5.9000	257004
30.300	7.8000	339768
31.300	8.5000	370260
32.300	9.1000	396396
33.300	9.8000	426888
34.300	10.0000	435600
35.300	10.1000	439956
36.200	10.1000	439956
999.000	10.1000	439956

Comment: Information taken from Permit 28-0285-S.

Node: BN40

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.200 ft  
 Warning Stage: 24.300 ft

Stage [ft]	Area [ac]	Area [ft2]
24.200	0.0100	436
24.700	0.3000	13068
25.700	0.7000	30492
26.700	0.8000	34848
27.700	0.9000	39204
28.700	0.9000	39204
29.700	1.0000	43560
30.700	1.8000	78408
31.700	2.3000	100188
32.700	2.5000	108900
33.800	2.5000	108900
999.000	2.5000	108900

Comment: Information taken from Permit 28-0285-S.

Node: BN50

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.400 ft  
 Warning Stage: 23.500 ft

Stage [ft]	Area [ac]	Area [ft2]
23.400	0.0100	436
23.900	0.0100	436
24.900	1.3000	56628
25.900	3.2000	139392
26.900	3.8000	165528
27.900	4.5000	196020
28.900	6.0000	261360
29.900	7.7000	335412
30.900	9.0000	392040
31.900	11.2000	487872
32.900	13.0000	566280
33.900	13.8000	601128
34.900	14.4000	627264
35.900	15.0000	653400
37.100	15.5000	675180
999.000	15.5000	675180

Comment: Information taken from Permit 28-0285-S.

Node: BN60

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.400 ft  
 Warning Stage: 24.500 ft

Stage [ft]	Area [ac]	Area [ft2]
24.400	0.0100	436
24.900	0.0100	436
25.900	0.3000	13068
26.900	1.1000	47916
27.900	1.5000	65340
28.900	1.9000	82764
29.900	2.2000	95832
31.100	2.3000	100188

Stage [ft]	Area [ac]	Area [ft2]
999.000	2.3000	100188

Comment: Information taken from Permit 28-0285-S.

Node: BS10

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 22.500 ft  
 Warning Stage: 28.400 ft

Stage [ft]	Area [ac]	Area [ft2]
22.500	0.0100	436
23.000	0.3000	13068
24.000	2.7000	117612
25.000	7.9000	344124
26.000	72.5000	3158100
27.000	344.3000	14997708
28.000	957.5000	41708700
29.000	1099.8000	47907288
30.000	1138.4000	49588704
31.000	1140.5000	49680180
32.000	1141.6000	49728096
33.200	1142.1000	49749876
999.000	1142.1000	49749876

Comment: Information taken from Permit 28-0285-S.

Node: BS20

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 21.700 ft  
 Warning Stage: 28.400 ft

Stage [ft]	Area [ac]	Area [ft2]
21.700	0.0100	436
22.200	1.5000	65340
23.200	5.9000	257004
24.200	14.6000	635976
25.200	27.3000	1189188
26.200	109.1000	4752396
27.200	280.4000	12214224
28.200	402.2000	17519832



Stage [ft]	Area [ac]	Area [ft2]
29.200	515.8000	22468248
30.200	520.8000	22686048
31.200	521.6000	22720896
32.200	522.0000	22738320
33.200	522.3000	22751388
34.200	522.7000	22768812
35.000	522.8000	22773168
999.000	522.8000	22773168

Comment: Information taken from Permit 28-0285-S.

Node: BS30

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.700 ft  
 Warning Stage: 24.000 ft

Stage [ft]	Area [ac]	Area [ft2]
23.700	0.0100	436
24.200	5.0000	217800
25.200	5.9000	257004
26.200	6.7000	291852
27.200	7.8000	339768
28.200	10.9000	474804
29.200	14.8000	644688
30.200	20.6000	897336
31.200	23.3000	1014948
32.200	24.6000	1071576
33.200	25.6000	1115136
34.200	26.4000	1149984
35.200	27.4000	1193544
36.200	28.4000	1237104
37.200	29.0000	1263240
38.200	29.6000	1289376
39.200	30.0000	1306800
40.200	30.1000	1311156
41.100	30.1000	1311156
999.000	30.1000	1311156

Comment: Information taken from Permit 28-0285-S.

Node: BS40

Scenario: Scenario1

Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.500 ft  
 Warning Stage: 24.000 ft

Stage [ft]	Area [ac]	Area [ft2]
23.500	0.0100	436
24.000	2.0000	87120
25.000	3.3000	143748
26.000	6.4000	278784
27.000	8.3000	361548
28.000	10.0000	435600
29.000	13.0000	566280
30.000	18.2000	792792
31.000	21.1000	919116
32.000	22.3000	971388
33.000	22.8000	993168
34.000	22.9000	997524
35.000	23.0000	1001880
36.000	23.0000	1001880
37.000	23.0000	1001880
38.000	23.0000	1001880
999.000	23.0000	1001880

Comment: Information taken from Permit 28-0285-S.

Node: CANAL4

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.670 ft  
 Warning Stage: 31.000 ft

Stage [ft]	Area [ac]	Area [ft2]
21.000	0.0057	248
21.250	0.0978	4260
21.500	0.1719	7488
21.750	0.2408	10489
22.000	0.3494	15220
22.250	0.7411	32282
22.500	1.0263	44706
22.750	1.2750	55539
23.000	1.6058	69949
23.250	2.0228	88113
23.500	2.3212	101111
23.750	2.5521	111169
24.000	2.8903	125901

Stage [ft]	Area [ac]	Area [ft2]
24.250	3.1579	137558
24.500	3.3774	147120
24.750	3.5900	156380
25.000	3.8349	167048
25.250	4.0809	177764
25.500	4.5100	196456
25.750	5.2346	228019
26.000	7.4604	324975
26.250	8.4204	366793
26.500	8.8866	387100
26.750	9.3331	406550
27.000	10.5284	458617
27.250	11.2750	491139
27.500	11.8575	516513
27.750	12.5077	544835
28.000	13.6993	596742
28.250	13.9086	605859
28.500	14.0809	613364
28.750	14.2931	622607
29.000	14.7269	641504
29.250	15.6966	683744
29.500	16.5957	722909
29.750	17.5230	763302
30.000	18.6083	810578
30.250	19.4925	849093
30.500	20.2893	883802
30.750	21.0895	918659
31.000	22.4084	976110
31.250	22.6726	987618
31.500	22.9019	997607
31.750	23.1605	1008871
32.000	23.5216	1024601
32.250	23.5710	1026753
32.500	23.5992	1027981
32.750	23.6356	1029567
33.000	23.7306	1033705
33.250	23.7306	1033705

Comment: Information taken from permit 28-00140-S recommended alternative ICPR 4 model.

Node: DA-1A

Scenario: Scenario1  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 29.500 ft  
Warning Stage: 31.500 ft

Stage [ft]	Area [ac]	Area [ft2]
29.500	0.0000	0
30.000	89.4900	3898184
31.000	113.1000	4926636
31.500	196.5500	8561718
32.000	197.4300	8600051
32.500	197.4300	8600051

Comment: Information taken from permit 28-00211-S ICPR3 model.

**Node: DA-1B**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.000 ft  
 Warning Stage: 31.500 ft

Stage [ft]	Area [ac]	Area [ft2]
29.000	28.9300	1260191
30.000	72.8200	3172039
32.000	86.1000	3750516
32.500	86.1000	3750516

Comment: Information taken from permit 28-00211-S ICPR3 model.

**Node: DA-1C**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 28.200 ft  
 Warning Stage: 31.500 ft

Stage [ft]	Area [ac]	Area [ft2]
28.200	3.7600	163786
32.500	7.3300	319295

Comment: Information taken from permit 28-00211-S ICPR3 model.

**Node: FN**

Scenario: Scenario1  
 Type: Stage/Area

Base Flow: 0.00 cfs  
 Initial Stage: 24.670 ft  
 Warning Stage: 31.000 ft

Stage [ft]	Area [ac]	Area [ft2]
17.820	0.0000	0
18.080	0.0004	17
18.330	0.0012	52
18.570	0.0022	96
18.820	0.0033	144
19.070	0.0048	209
19.320	0.0063	274
19.570	0.0081	353
19.820	0.0099	431
20.070	0.0119	518
20.320	0.0141	614
20.570	0.0162	706
20.820	0.0185	806
21.070	0.0210	915
21.320	0.0235	1024
21.570	0.0262	1141
21.820	0.0289	1259
22.070	0.0318	1385
22.320	0.0347	1512
22.570	0.0378	1647
22.820	0.0410	1786
23.070	0.0459	1999
23.320	0.0581	2531
23.570	0.0743	3237
23.820	0.0985	4291
24.070	0.1313	5719
24.320	0.2334	10167
24.570	0.3522	15342
24.820	0.4602	20046
25.070	0.5747	25034
25.320	0.9133	39783
25.570	1.2950	56410
25.820	1.7399	75790
26.070	8.7371	380588
26.320	12.3300	537095
26.570	15.9030	692735
26.820	19.8210	863403
27.070	60.4526	2633315
27.320	69.5837	3031066
27.570	76.6641	3339488
27.820	83.9866	3658456
28.070	178.2624	7765110
28.320	178.6667	7782721
28.570	179.1067	7801888
28.820	179.6053	7823607

Stage [ft]	Area [ac]	Area [ft2]
29.070	192.5926	8389334
29.320	206.6250	9000585
29.570	221.6760	9656207
29.820	238.2709	10379080
30.070	295.4749	12870887
30.320	308.2660	13428067
30.570	321.1776	13990496
30.820	336.4275	14654782
31.070	369.5797	16098892
31.320	372.0777	16207705
31.570	373.9628	16289820
31.820	375.6175	16361898
32.070	378.0829	16469291
32.320	378.6049	16492029
32.570	379.0183	16510037
32.820	379.3376	16523946
33.070	379.7101	16540172
33.320	379.8881	16547926
33.570	380.0683	16555775
33.820	380.1170	16557897
34.070	380.1170	16557897

Comment: Information taken from permit 28-00140-S recommended alternative ICPR 4 model.

Node: FS

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.670 ft  
 Warning Stage: 31.000 ft

Stage [ft]	Area [ac]	Area [ft2]
21.000	0.0000	0
21.250	0.0019	83
21.500	0.0031	135
21.750	0.0044	192
22.000	0.0060	261
22.250	0.0319	1390
22.500	0.0820	3572
22.750	0.1492	6499
23.000	0.2194	9557
23.250	0.4043	17611
23.500	0.6687	29129
23.750	0.9247	40280
24.000	1.1459	49915
24.250	1.7372	75672

Stage [ft]	Area [ac]	Area [ft2]
24.500	2.4903	108477
24.750	3.1517	137288
25.000	4.2344	184450
25.250	7.5707	329780
25.500	10.8907	474399
25.750	14.1955	618356
26.000	49.3113	2148000
26.250	68.1842	2970104
26.500	80.1976	3493407
26.750	90.8225	3956228
27.000	156.6430	6823369
27.250	172.7637	7525587
27.500	181.8144	7919835
27.750	188.8798	8227604
28.000	195.0743	8497437
28.250	195.3788	8510701
28.500	195.5998	8520327
28.750	195.8299	8530350
29.000	204.1910	8894560
29.250	214.0472	9323896
29.500	222.3843	9687060
29.750	231.2884	10074923
30.000	251.2144	10942899
30.250	256.7537	11184191
30.500	260.1103	11330405
30.750	262.1860	11420822
31.000	268.0648	11676903
31.250	268.0648	11676903

Comment: Information taken from permit 28-00140-S recommended alternative ICPR 4 model.

Node: N-0050

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.380 ft  
 Warning Stage: 33,858 ft

Stage [ft]	Area [ac]	Area [ft2]
29.380	0.0023	100
30.000	0.7208	31400
31.000	7.2590	316200
32.000	18.2071	793100
33.000	26.4646	1152800
34.000	35.0597	1527200
35.000	40.7461	1774900

Stage [ft]	Area [ac]	Area [ft2]
36.000	46.5152	2026200
37.000	49.8026	2169400
38.000	52.3852	2281900
39.000	52.7906	2299557
40.000	52.7906	2299557

Comment: Warning stage (33.858') determined by EOP (36.858') minus 3 ft.

Node: N-0060

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 21.490 ft  
 Warning Stage: 31.000 ft

Stage [ft]	Area [ac]	Area [ft2]
24.890	0.7691	33500
25.000	1.2351	53800
26.000	2.9775	129700
27.000	8.4412	367700
28.000	14.0909	613800
29.000	16.9858	739900
30.000	18.4848	805200
31.000	19.8347	864000
32.000	20.7048	901900
33.000	21.6575	943400
34.000	23.5537	1026000
35.000	24.2826	1057751
36.000	24.2826	1057751

Comment:

Node: N-0070

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 33.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.1561	6800
26.000	0.3191	13900
27.000	1.2121	52800
28.000	1.6644	72500



Stage [ft]	Area [ac]	Area [ft2]
29.000	3.2117	139900
30.000	31.6139	1377100
31.000	39.2447	1709500
32.000	45.6451	1988300
33.000	46.6529	2032200
34.000	47.7066	2078100
35.000	48.9692	2133100
36.000	49.5937	2160300
37.000	50.1951	2186500
38.000	50.2874	2190519
39.000	50.2874	2190519

Comment:

**Node: N-0120**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.890 ft  
 Warning Stage: 30.000 ft

Stage [ft]	Area [ac]	Area [ft2]
26.890	0.6497	28300
27.000	0.8655	37700
28.000	3.8889	169400
29.000	21.4118	932700
30.000	119.6924	5213800
31.000	185.0367	8060200
32.000	241.2971	10510900
33.000	294.4467	12826100
34.000	330.9986	14418300
35.000	364.0588	15858400
36.000	386.6827	16843900
37.000	388.6524	16929700
38.000	389.7957	16979500
39.000	389.9699	16987090
40.000	389.9699	16987090

Comment:

**Node: N-0140**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs

Initial Stage: 25.880 ft  
 Warning Stage: 29.400 ft

Stage [ft]	Area [ac]	Area [ft2]
25.880	0.0023	100
26.000	0.0551	2400
27.000	0.7461	32500
28.000	16.9100	736600
29.000	17.4793	761400
30.000	17.9844	783400
31.000	19.2631	839100
32.000	19.5435	851313
33.000	19.5435	851313

Comment:

**Node: N-0150**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 29.400 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.0390	1700
26.000	0.1171	5100
27.000	6.3590	277000
28.000	24.8646	1083100
29.000	25.1016	1093425
30.000	25.2297	1099006
31.000	25.2297	1099006

Comment:

**Node: N-0160**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.590 ft  
 Warning Stage: 29.400 ft

Stage [ft]	Area [ac]	Area [ft2]
25.590	0.0023	100
26.000	0.5326	23200
27.000	23.1612	1008900

Stage [ft]	Area [ac]	Area [ft2]
28.000	24.6097	1072000
29.000	24.7544	1078300
30.000	25.0666	1091900
31.000	25.1061	1093621
32.000	25.1061	1093621

Comment:

**Node: N-0180**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.900 ft  
 Warning Stage: 30.679 ft

Stage [ft]	Area [ac]	Area [ft2]
25.900	0.1423	6200
26.000	0.2273	9900
27.000	0.4408	19200
28.000	0.5556	24200
29.000	0.6657	29000
30.000	0.7268	31658
31.000	0.8098	35275
32.000	0.9001	39207
33.000	0.9428	41067
34.000	1.0223	44533
35.000	1.0806	47073
36.000	1.1214	48847
37.000	1.1545	50292
38.000	1.1545	50292

Comment: Warning stage (30.679') determined by EOP (33.679') minus 3 ft.

**Node: N-0190**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 28.890 ft  
 Warning Stage: 32.913 ft

Stage [ft]	Area [ac]	Area [ft2]
27.980	0.0000	1
28.000	0.0001	2
29.000	0.0451	1965

Stage [ft]	Area [ac]	Area [ft2]
30.000	1.0708	46643
31.000	1.2584	54817
32.000	1.4353	62523
33.000	1.6109	70170
34.000	1.7949	78187
35.000	1.9809	86287
36.000	2.1309	92821
37.000	2.4197	105404
38.000	2.6487	115378
39.000	2.7030	117744
40.000	2.7030	117744

Comment: Warning stage (32.913') determined by EOP (35.913') minus 3 ft.

Node: N-0200

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 30.586 ft

Stage [ft]	Area [ac]	Area [ft2]
26.190	0.0001	3
27.000	0.2266	9870
28.000	1.4413	62781
29.000	2.7972	121844
30.000	3.6571	159302
31.000	3.9787	173310
32.000	4.1732	181784
33.000	4.3584	189850
34.000	4.6029	200502
35.000	5.3992	235191
36.000	5.5427	241442
37.000	5.5554	241991
38.000	5.5554	241991

Comment: Warning stage (30.586') determined by EOP (33.586') minus 3 ft.

Node: N-0210

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 32.770 ft  
 Warning Stage: 33.711 ft

Stage [ft]	Area [ac]	Area [ft2]
32.770	0.0046	200
33.000	2.2635	98600
34.000	11.4463	498600
35.000	24.5707	1070300
36.000	36.7378	1600300
37.000	45.7094	1991100
38.000	54.7635	2385500
39.000	65.0344	2832900
40.000	73.2622	3191300
41.000	80.3260	3499000
42.000	87.0960	3793900
43.000	94.8508	4131700
44.000	101.3843	4416300
45.000	103.9761	4529200
46.000	104.3503	4545501
47.000	104.3503	4545501

Comment: Warning stage (33.711') determined by EOP (36.711') minus 3 ft.

**Node: N-0220**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 28.580 ft  
 Warning Stage: 33.407 ft

Stage [ft]	Area [ac]	Area [ft2]
28.580	0.0046	200
29.000	0.1377	6000
30.000	0.4492	19567
31.000	0.5503	23971
32.000	0.5666	24680
33.000	0.6818	29700
34.000	0.9183	40000
35.000	1.0794	47020
36.000	1.1685	50900
37.000	1.4904	64920
38.000	1.5714	68451
39.000	1.5714	68451

Comment: Warning stage (33.407') determined by EOP (36.407') minus 3 ft.

**Node: N-0250**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 32.900 ft  
 Warning Stage: 34.117 ft

Stage [ft]	Area [ac]	Area [ft2]
32.900	0.0666	2900
33.000	0.0765	3333
34.000	1.3430	58500
35.000	5.3742	234100
36.000	9.7199	423400
37.000	11.9421	520200
38.000	12.6676	551800
39.000	12.9327	563350
40.000	13.0897	570186
41.000	13.0897	570186

Comment: Warning stage (34.117') determined by EOP (37.117') minus 3 ft.

**Node: N-0270**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 33.850 ft  
 Warning Stage: 36.069 ft

Stage [ft]	Area [ac]	Area [ft2]
33.850	0.4339	18900
34.000	0.5372	23400
35.000	0.7231	31500
36.000	2.0845	90800
37.000	3.9118	170400
38.000	4.8967	213300
39.000	5.0525	220086
40.000	5.2479	228600
41.000	5.4006	235252
42.000	5.4006	235252

Comment: Warning stage (36.069') determined by EOP (39.069') minus 3 ft.

**Node: N-0290**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs

Initial Stage: 36.900 ft  
Warning Stage: 38.657 ft

Stage [ft]	Area [ac]	Area [ft2]
36.900	0.0184	800
37.000	0.0436	1900
38.000	2.6148	113900
39.000	10.1997	444300
40.000	14.5868	635400
41.000	15.8173	689000
42.000	17.3669	756500
43.000	18.9486	825400
44.000	19.0155	828315
45.000	19.0203	828523
46.000	19.0236	828670
47.000	19.0735	830842
48.000	19.0735	830842

Comment: Warning stage (38.657') determined by EOP (41.657') minus 3 ft.

Node: N-0300

Scenario: Scenario1  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 36.250 ft  
Warning Stage: 38.528 ft

Stage [ft]	Area [ac]	Area [ft2]
36.250	0.0023	100
37.000	0.4017	17500
38.000	9.2746	404000
39.000	13.4343	585200
40.000	13.7282	598000
41.000	13.8430	603000
42.000	14.0004	609856
43.000	14.0004	609856

Comment: Warning stage (38.528') determined by EOP (41.528') minus 3 ft.

Node: N-0330

Scenario: Scenario1  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 34.070 ft  
Warning Stage: 39.260 ft

Stage [ft]	Area [ac]	Area [ft2]
34.070	0.0023	100
35.000	0.0737	3213
36.000	0.1349	5877
37.000	0.1561	6800
38.000	0.1966	8563
39.000	0.2870	12500
40.000	0.3705	16140
41.000	0.3874	16875
42.000	0.4125	17970
43.000	0.4125	17970

Comment: Warning stage (39.26') determined by EOP (42.26') minus 3 ft.

**Node: N-0350**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 36.860 ft  
 Warning Stage: 39.314 ft

Stage [ft]	Area [ac]	Area [ft2]
36.860	0.0023	100
37.000	0.0069	300
38.000	0.0643	2800
39.000	1.5152	66000
40.000	4.0932	178300
41.000	7.9362	345700
42.000	14.8462	646700
43.000	39.4444	1718200
44.000	105.0712	4576900
45.000	161.8090	7048400
46.000	168.3747	7334400
47.000	169.7498	7394300
48.000	170.4660	7425500
49.000	170.4670	7425543
50.000	170.4670	7425543

Comment: Warning stage (39.314') determined by EOP (42.314') minus 3 ft.

**Node: N-0360**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs



Initial Stage: 38.900 ft  
 Warning Stage: 40.927 ft

Stage [ft]	Area [ac]	Area [ft2]
38.900	0.0023	100
39.000	0.0275	1200
40.000	0.3574	15567
41.000	0.5701	24833
42.000	0.7117	31000
43.000	0.9665	42100
44.000	1.1961	52100
45.000	1.2860	56019
46.000	1.2860	56019

Comment: Warning stage (40.927') determined by EOP (43.927') minus 3 ft.

**Node: N-0370**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 35.190 ft  
 Warning Stage: 39.683 ft

Stage [ft]	Area [ac]	Area [ft2]
35.190	0.0023	100
36.000	0.0756	3293
37.000	0.1515	6600
38.000	0.3757	16367
39.000	0.4426	19280
40.000	0.5418	23600
41.000	0.8219	35800
42.000	1.0950	47700
43.000	1.2301	53582
44.000	1.2374	53902
45.000	1.2374	53902

Comment: Warning stage (39.683') determined by EOP (42.683') minus 3 ft.

**Node: N-0400**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 39.890 ft  
 Warning Stage: 42.169 ft

Stage [ft]	Area [ac]	Area [ft2]
39.890	0.0298	1300
40.000	0.1102	4800
41.000	0.4017	17500
42.000	0.4677	20373
43.000	0.5205	22671
44.000	0.6497	28300
45.000	1.0721	46700
46.000	1.1950	52055
47.000	1.1950	52055

Comment: Warning stage (42.169') determined by EOP (45.169') minus 3 ft.

Node: N-0410

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 39.040 ft  
 Warning Stage: 42.041 ft

Stage [ft]	Area [ac]	Area [ft2]
39.040	0.0046	200
40.000	0.2531	11025
41.000	0.3733	16262
42.000	0.4454	19400
43.000	0.5851	25487
44.000	0.7317	31875
45.000	0.9619	41900
46.000	1.0105	44017
47.000	1.0105	44017

Comment: Warning stage (42.041') determined by EOP (45.041') minus 3 ft.

Node: N-0420

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 36.030 ft  
 Warning Stage: 41.810 ft

Stage [ft]	Area [ac]	Area [ft2]
36.030	0.0046	200
37.000	0.2961	12900
38.000	1.0675	46500
39.000	3.8453	167500

Stage [ft]	Area [ac]	Area [ft2]
40.000	13.5629	590800
41.000	27.2107	1185300
42.000	45.1102	1965000
43.000	90.5670	3945100
44.000	145.1722	6323700
45.000	155.1768	6759500
46.000	158.5422	6906100
47.000	158.7042	6913156
48.000	158.7042	6913156

Comment:

Node: N-0440

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 34.950 ft  
 Warning Stage: 41.800 ft

Stage [ft]	Area [ac]	Area [ft2]
34.950	0.0023	100
35.000	0.0061	267
36.000	0.1477	6433
37.000	0.2445	10650
38.000	0.3627	15800
39.000	18.4619	804200
40.000	24.0037	1045600
41.000	54.6212	2379300
42.000	103.6065	4513100
43.000	205.0941	8933900
44.000	375.1515	16341600
45.000	575.3122	25060600
46.000	691.0376	30101600
47.000	759.9242	33102300
48.000	794.9013	34625900
49.000	821.1387	35768800
50.000	844.7681	36798100
51.000	860.9137	37501400
52.000	873.4734	38048500
53.000	882.3898	38436900
54.000	888.9027	38720600
55.000	893.4298	38917800
56.000	897.8581	39110700
57.000	901.7929	39282100
58.000	905.0207	39422700
59.000	907.8926	39547800

Stage [ft]	Area [ac]	Area [ft2]
60.000	910.5670	39664300
61.000	913.4642	39790500
62.000	916.4646	39921200
63.000	919.6488	40059900
64.000	922.7181	40193600
65.000	926.0101	40337000
66.000	930.1791	40518600
67.000	934.1483	40691500
68.000	938.2966	40872200
69.000	942.7158	41064700
70.000	947.5849	41276800
71.000	953.1497	41519200
72.000	957.3508	41702200
73.000	962.1074	41909400
74.000	967.3301	42136900
75.000	974.3618	42443200
76.000	983.0923	42823500
77.000	990.8770	43162600
78.000	998.5583	43497200
79.000	1007.0179	43865700
80.000	1014.4353	44188800
81.000	1021.9490	44516100
82.000	1029.9449	44864400
83.000	1038.7557	45248200
84.000	1048.0349	45652400
85.000	1055.8379	45992300
86.000	1063.6800	46333900
87.000	1070.5234	46632000
88.000	1076.7447	46903000
89.000	1082.8260	47167900
90.000	1087.7250	47381300
91.000	1091.9697	47566200
92.000	1095.9229	47738400
93.000	1100.1148	47921000
94.000	1104.1896	48098500
95.000	1108.1933	48272900
96.000	1112.6837	48468500
97.000	1116.6276	48640300
98.000	1120.9940	48830500
99.000	1124.9862	49004400
100.000	1128.9164	49175600
101.000	1131.5519	49290400
102.000	1133.6410	49381400
103.000	1134.6694	49426201
104.000	1134.6694	49426201

Comment: Warning stage (44.102') determined by EOP (47.102') minus 3 ft.

Node: N-0450

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 40.090 ft  
 Warning Stage: 43.894 ft

Stage [ft]	Area [ac]	Area [ft2]
40.090	0.0023	100
41.000	0.2433	10600
42.000	0.3088	13450
43.000	0.3696	16100
44.000	0.4112	17911
45.000	0.4913	21400
46.000	0.7277	31700
47.000	0.9917	43200
48.000	1.0431	45436
49.000	1.0431	45436

Comment: Warning stage (43.894') determined by EOP (46.894') minus 3 ft.

Node: N-0460

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 41.370 ft  
 Warning Stage: 44.533 ft

Stage [ft]	Area [ac]	Area [ft2]
41.370	0.0046	200
42.000	0.3644	15875
43.000	0.4695	20450
44.000	0.6015	26200
45.000	0.9298	40500
46.000	1.2833	55900
47.000	1.8526	80700
48.000	2.3186	101000
49.000	3.0280	131900
50.000	3.5021	152550
51.000	3.9417	171700
52.000	4.1804	182100
53.000	4.2872	186750
54.000	4.3698	190350
55.000	4.4198	192525
56.000	4.4548	194050
57.000	4.4858	195400
58.000	4.5115	196520

Stage [ft]	Area [ac]	Area [ft2]
59.000	4.5321	197417
60.000	4.5534	198348
61.000	4.5738	199234
62.000	4.5914	200003
63.000	4.6047	200582
64.000	4.6208	201282
65.000	4.6344	201876
66.000	4.6515	202617
67.000	4.6719	203506
68.000	4.6896	204280
69.000	4.7128	205288
70.000	4.7366	206325
71.000	4.7656	207587
72.000	4.7846	208415
73.000	4.8095	209500
74.000	4.8408	210864
75.000	4.8619	211783
76.000	4.8938	213175
77.000	4.9303	214763
78.000	4.9656	216300
79.000	4.9902	217374
80.000	5.0184	218600
81.000	5.0473	219860
82.000	5.0750	221069
83.000	5.1045	222353
84.000	5.1045	222353

Comment: Warning stage (44.533') determined by EOP (47.533') minus 3 ft.

Node: N-0480

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 40.900 ft  
 Warning Stage: 44.600 ft

Stage [ft]	Area [ac]	Area [ft2]
40.900	0.0023	100
41.000	0.0298	1300
42.000	7.5941	330800
43.000	10.5510	459600
44.000	23.6616	1030700
45.000	75.3030	3280200
46.000	191.8457	8356800
47.000	263.8774	11494500
48.000	355.8081	15499000

Stage [ft]	Area [ac]	Area [ft2]
49.000	430.1928	18739200
50.000	491.1662	21395200
51.000	541.6345	23593600
52.000	585.6038	25508900
53.000	621.9995	27094300
54.000	653.4734	28465300
55.000	685.3375	29853300
56.000	713.8269	31094300
57.000	736.9674	32102300
58.000	757.7801	33008900
59.000	779.5960	33959200
60.000	795.2066	34639200
61.000	811.2374	35337500
62.000	824.8875	35932100
63.000	836.6414	36444100
64.000	844.7704	36798200
65.000	852.3209	37127100
66.000	860.0459	37463600
67.000	866.0836	37726600
68.000	871.5565	37965000
69.000	876.9651	38200600
70.000	882.2773	38432000
71.000	887.3921	38654800
72.000	892.3691	38871600
73.000	897.3141	39087000
74.000	902.4380	39310200
75.000	907.8788	39547200
76.000	912.8811	39765100
77.000	918.1818	39996000
78.000	923.7236	40237400
79.000	928.4022	40441200
80.000	933.3058	40654800
81.000	938.1543	40866000
82.000	942.8421	41070200
83.000	946.7218	41239200
84.000	950.2365	41392300
85.000	953.4527	41532400
86.000	956.6093	41669900
87.000	959.6901	41804100
88.000	962.1304	41910400
89.000	964.2608	42003200
90.000	966.3361	42093600
91.000	968.3861	42182900
92.000	970.3444	42268200
93.000	972.5482	42364200
94.000	974.6028	42453700
95.000	976.5266	42537500
96.000	978.4894	42623000
97.000	980.7989	42723600

Stage [ft]	Area [ac]	Area [ft2]
98.000	982.6377	42803700
99.000	984.3939	42880200
100.000	985.8655	42944300
101.000	987.3990	43011100
102.000	988.9922	43080500
103.000	990.3283	43138700
104.000	991.2603	43179300
105.000	992.0409	43213300
106.000	992.7537	43244350
107.000	993.2897	43267700
108.000	993.8062	43290200
109.000	994.3182	43312500
110.000	994.8186	43334300
111.000	995.3375	43356900
112.000	995.7691	43375700
113.000	996.1593	43392700
114.000	996.4945	43407300
115.000	996.8205	43421500
116.000	997.1740	43436900
117.000	997.4082	43447100
118.000	997.6194	43456300
119.000	997.7847	43463500
120.000	997.9500	43470700
121.000	998.1206	43478133
122.000	998.2714	43484700
123.000	998.4619	43493000
124.000	998.6341	43500500
125.000	998.7902	43507300
126.000	998.9738	43515300
127.000	999.1598	43523400
128.000	999.3595	43532100
129.000	999.5443	43540150
130.000	999.7647	43549750
131.000	999.9610	43558300
132.000	1000.1745	43567600
133.000	1000.2517	43570964
134.000	1000.2517	43570964

Comment:

Node: N-0570

Scenario: Scenario1  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 26.890 ft  
Warning Stage: 31.500 ft



Stage [ft]	Area [ac]	Area [ft2]
26.890	0.0023	100
27.000	0.0356	1550
28.000	0.8953	39000
29.000	2.1855	95200
30.000	8.2140	357800
31.000	28.8613	1257200
32.000	46.3820	2020400
33.000	66.1938	2883400
34.000	78.4458	3417100
35.000	86.8916	3785000
36.000	87.8364	3826154
37.000	87.8364	3826154

Comment:

Node: N-0580

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 31.500 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.2801	12200
26.000	0.3650	15900
27.000	0.6405	27900
28.000	0.9894	43100
29.000	1.0905	47500
30.000	1.1731	51100
31.000	1.3390	58329
32.000	1.4134	61569
33.000	1.6368	71300
34.000	1.8146	79045
35.000	1.8146	79045

Comment: Warning stage (29.962') determined by EOP (32.962') minus 3 ft.

Node: N-0590

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 29.204 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.3788	16500
26.000	0.5533	24100
27.000	0.9470	41250
28.000	1.2351	53800
29.000	1.5228	66333
30.000	1.7218	75000
31.000	2.0409	88900
32.000	2.1801	94967
33.000	2.1970	95700
34.000	2.2394	97548
35.000	2.2394	97548

Comment: Warning stage (29.204') determined by EOP (32.204') minus 3 ft.

**Node: N-0600**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.780 ft  
 Warning Stage: 27.700 ft

Stage [ft]	Area [ac]	Area [ft2]
25.780	0.0046	200
26.000	2.2727	99000
27.000	23.6455	1030000
28.000	23.9296	1042375
29.000	24.0295	1046725
30.000	24.3437	1060411
31.000	24.4738	1066078
32.000	24.4738	1066078

Comment: Warning stage applies to northern boundary where it spills into a storage area for that sod farm.

**Node: N-0630**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.890 ft  
 Warning Stage: 30.173 ft

Stage [ft]	Area [ac]	Area [ft2]
23.890	0.4362	19000
24.000	0.8035	35000

Stage [ft]	Area [ac]	Area [ft2]
25.000	4.2975	187200
26.000	6.6253	288600
27.000	7.6102	331500
28.000	8.9830	391300
29.000	10.6543	464100
30.000	12.5643	547300
31.000	14.4972	631500
32.000	15.4385	672500
33.000	16.6804	726600
34.000	19.3503	842900
35.000	19.7601	860750
36.000	20.0723	874350
37.000	20.2175	880675
38.000	20.2532	882230
39.000	20.3155	884943
40.000	20.3155	884943

Comment: Warning stage (30.173') determined by EOP (33.173') minus 3 ft.

**Node: N-0640**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 29.700 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.5119	22300
26.000	0.8264	36000
27.000	1.3843	60300
28.000	1.7424	75900
29.000	2.3049	100400
30.000	2.9040	126500
31.000	3.0762	134000
32.000	3.1669	137950
33.000	3.2329	140823
34.000	3.2329	140823

Comment: Warning stage (29.776') determined by EOP (32.776') minus 3 ft.

**Node: N-0650**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs

Initial Stage: 25.890 ft  
 Warning Stage: 30.266 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.6772	29500
26.000	1.0032	43700
27.000	1.6598	72300
28.000	2.0799	90600
29.000	2.5275	110100
30.000	3.0601	133300
31.000	3.3362	145325
32.000	3.3968	147967
33.000	3.5698	155500
34.000	3.5758	155764
35.000	3.5758	155764

Comment: Warning stage (30.266') determined by EOP (33.266') minus 3 ft.

Node: N-0680

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.550 ft  
 Warning Stage: 27.800 ft

Stage [ft]	Area [ac]	Area [ft2]
25.550	0.0023	100
26.000	11.8733	517200
27.000	33.7603	1470600
28.000	34.1957	1489567
29.000	34.8393	1517600
30.000	35.5292	1547650
31.000	35.5292	1547650

Comment: Warning stage applies to northern boundary where it spills into a storage area for that sod farm.

Node: N-0690

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.890 ft  
 Warning Stage: 27.900 ft

Stage [ft]	Area [ac]	Area [ft2]
24.890	0.5601	24400

Stage [ft]	Area [ac]	Area [ft2]
25.000	0.8333	36300
26.000	6.5404	284900
27.000	110.8953	4830600
28.000	113.6846	4952100
29.000	114.7406	4998100
30.000	116.6116	5079600
31.000	117.2035	5105386
32.000	117.2035	5105386

Comment: Warning stage applies to northern boundary where it spills into a storage area for that sod farm.

**Node: N-0710**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 21.290 ft  
 Warning Stage: 30.600 ft

Stage [ft]	Area [ac]	Area [ft2]
21.290	0.0000	1
22.000	0.0006	27
23.000	0.0025	107
24.000	0.0893	3890
25.000	2.2964	100029
26.000	3.4320	149497
27.000	10.2254	445418
28.000	14.3757	626207
29.000	16.3817	713587
30.000	18.0817	787640
31.000	20.2467	881948
32.000	21.3407	929601
33.000	21.7395	946974
34.000	23.1321	1007633
35.000	23.2018	1010669
36.000	23.2018	1010669

Comment:

**Node: N-0720**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.870 ft  
 Warning Stage: 30.173 ft

Stage [ft]	Area [ac]	Area [ft2]
25.870	0.0023	100
26.000	0.8035	35000
27.000	1.3877	60450
28.000	1.5978	69600
29.000	1.9605	85400
30.000	2.2245	96900
31.000	2.8076	122300
32.000	3.1902	138967
33.000	3.3459	145746
34.000	3.3459	145746

Comment: Warning stage (30.173') determined by EOP (33.173') minus 3 ft.

Node: N-0730

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.310 ft  
 Warning Stage: 30.500 ft

Stage [ft]	Area [ac]	Area [ft2]
25.310	0.0023	100
26.000	0.8563	37300
27.000	1.3728	59800
28.000	1.6345	71200
29.000	1.8825	82000
30.000	2.1491	93617
31.000	2.3186	101000
32.000	2.6768	116600
33.000	3.2254	140500
34.000	3.5277	153666
35.000	3.5277	153666

Comment: Warning stage (29.997') determined by EOP (32.997') minus 3 ft.

Node: N-0740

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.820 ft  
 Warning Stage: 29.775 ft

Stage [ft]	Area [ac]	Area [ft2]
24.820	0.0023	100
25.000	0.7782	33900
26.000	1.4830	64600
27.000	1.8446	80350
28.000	2.2115	96333
29.000	2.5505	111100
30.000	2.9683	129300
31.000	3.3571	146233
32.000	3.6212	157740
33.000	3.9486	172000
34.000	4.0543	176607
35.000	4.0543	176607

Comment: Warning stage (29.775") determined by EOP (32.775') minus 3 ft.

**Node: N-0750**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.700 ft  
 Warning Stage: 31.184 ft

Stage [ft]	Area [ac]	Area [ft2]
24.700	0.0023	100
25.000	0.3558	15500
26.000	0.8287	36100
27.000	1.1111	48400
28.000	1.2879	56100
29.000	1.4899	64900
30.000	1.7661	76933
31.000	2.0409	88900
32.000	2.4128	105100
33.000	3.0739	133900
34.000	3.3000	143750
35.000	3.4381	149764
36.000	3.4381	149764

Comment: Warning stage (31.184') determined by EOP (34.184') minus 3 ft.

**Node: N-0760**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.890 ft

Warning Stage: 31.469 ft

Stage [ft]	Area [ac]	Area [ft2]
24.890	0.0413	1800
25.000	0.0620	2700
26.000	0.1405	6118
27.000	0.1579	6880
28.000	0.1858	8094
29.000	0.2248	9792
30.000	0.2555	11129
31.000	0.3116	13575
32.000	0.3528	15367
33.000	0.3983	17350
34.000	0.4843	21095
35.000	0.4843	21095

Comment: Warning stage (31.469') determined by EOP (34.469') minus 3 ft.

**Node: N-0770**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 21.270 ft  
 Warning Stage: 30.008 ft

Stage [ft]	Area [ac]	Area [ft2]
21.270	0.0000	1
22.000	0.0042	182
23.000	0.0818	3562
24.000	0.5615	24457
25.000	1.5365	66932
26.000	3.3852	147459
27.000	6.7873	295654
28.000	9.6084	418540
29.000	13.7854	600494
30.000	15.2313	663477
31.000	16.3259	711156
32.000	17.1669	747790
33.000	17.7054	771248
34.000	18.5875	809670
35.000	19.3181	841496
36.000	192.6892	8393542
37.000	192.6892	8393542

Comment: Warning stage (30.008') determined by EOP (33.008') minus 3 ft.



Node: N-0780

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.280 ft  
 Warning Stage: 31.332 ft

Stage [ft]	Area [ac]	Area [ft2]
23.850	0.0023	100
24.000	0.2801	12200
25.000	0.7897	34400
26.000	2.4495	106700
27.000	7.8352	341300
28.000	12.3232	536800
29.000	22.1097	963100
30.000	44.0129	1917200
31.000	64.6074	2814300
32.000	104.6235	4557400
33.000	146.6185	6386700
34.000	190.8379	8312900
35.000	226.1961	9853100
36.000	231.8480	10099300
37.000	232.7319	10137800
38.000	233.5032	10171400
39.000	234.1873	10201200
40.000	235.0149	10237250
41.000	235.6933	10266800
42.000	235.7120	10267615
43.000	235.7120	10267615

Comment: Warning stage (31.332') determined by EOP (34.332') minus 3 ft.

Node: N-0800

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.610 ft  
 Warning Stage: 31.051 ft

Stage [ft]	Area [ac]	Area [ft2]
29.610	0.0023	100
30.000	0.7668	33400
31.000	2.9339	127800
32.000	3.4963	152300
33.000	4.0657	177100
34.000	4.6855	204100
35.000	5.7920	252300

Stage [ft]	Area [ac]	Area [ft2]
36.000	6.3315	275800
37.000	6.7996	296190
38.000	6.8672	299134
39.000	6.8672	299134

Comment: Warning stage (31.051') determined by EOP (34.051') minus 3 ft.

**Node: N-0810**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.020 ft  
 Warning Stage: 31.430 ft

Stage [ft]	Area [ac]	Area [ft2]
29.020	0.0046	200
30.000	0.4316	18800
31.000	4.2516	185200
32.000	12.6814	552400
33.000	33.2645	1449000
34.000	59.8393	2606600
35.000	72.4747	3157000
36.000	75.3972	3284300
37.000	75.7839	3301148
38.000	75.7839	3301148

Comment: Warning stage (31.430') determined by EOP (34.430') minus 3 ft.

**Node: N-0820**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.860 ft  
 Warning Stage: 30.247 ft

Stage [ft]	Area [ac]	Area [ft2]
24.860	0.0023	100
25.000	0.8173	35600
26.000	2.0569	89600
27.000	2.4265	105700
28.000	2.8306	123300
29.000	3.2346	140900
30.000	3.6915	160800
31.000	4.1781	182000

Stage [ft]	Area [ac]	Area [ft2]
32.000	4.6396	202100
33.000	5.3627	233600
34.000	6.2098	270500
35.000	7.0776	308300
36.000	7.1444	311211
37.000	7.1444	311211

Comment: Warning stage (30.247') determined by EOP (33.247') minus 3 ft.

**Node: N-0830**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.890 ft  
 Warning Stage: 30.983 ft

Stage [ft]	Area [ac]	Area [ft2]
23.890	0.0230	1000
24.000	0.0398	1733
25.000	1.2672	55200
26.000	2.9867	130100
27.000	3.4183	148900
28.000	3.8453	167500
29.000	4.4047	191867
30.000	4.8508	211300
31.000	5.5487	241700
32.000	6.6529	289800
33.000	7.5735	329900
34.000	8.7856	382700
35.000	9.7291	423800
36.000	9.8147	427527
37.000	9.8147	427527

Comment: Warning stage (30.983') determined by EOP minus 3 ft.

**Node: N-0840**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 28.950 ft  
 Warning Stage: 36.300 ft

Stage [ft]	Area [ac]	Area [ft2]
28.950	0.0023	100

Stage [ft]	Area [ac]	Area [ft2]
29.000	0.0052	225
30.000	0.4247	18500
31.000	3.1520	137300
32.000	16.0996	701300
33.000	33.5652	1462100
34.000	43.0808	1876600
35.000	46.4210	2022100
36.000	47.5872	2072900
37.000	48.5078	2113000
38.000	49.3159	2148200
39.000	50.1791	2185800
40.000	51.1731	2229100
41.000	51.8136	2257000
42.000	52.2383	2275500
43.000	52.7709	2298700
44.000	52.9788	2307758
45.000	52.9788	2307758

Comment:

**Node: N-0850**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.150 ft  
 Warning Stage: 35.500 ft

Stage [ft]	Area [ac]	Area [ft2]
24.150	0.0023	100
25.000	0.3811	16600
26.000	0.9493	41350
27.000	1.1662	50800
28.000	1.4738	64200
29.000	1.7309	75400
30.000	1.9995	87100
31.000	2.2084	96200
32.000	2.3982	104467
33.000	2.8214	122900
34.000	3.6433	158700
35.000	4.1345	180100
36.000	4.1915	182582
37.000	4.1915	182582

Comment:

Node: N-0860

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 30.240 ft  
 Warning Stage: 35.400 ft

Stage [ft]	Area [ac]	Area [ft2]
30.240	0.0046	200
31.000	0.1882	8200
32.000	2.0684	90100
33.000	7.6469	333100
34.000	16.3039	710200
35.000	24.4307	1064200
36.000	35.1974	1533200
37.000	46.7172	2035000
38.000	49.7222	2165900
39.000	50.7966	2212700
40.000	51.8595	2259000
41.000	53.1635	2315800
42.000	54.0519	2354500
43.000	54.2832	2364577
44.000	54.2832	2364577

Comment:

Node: N-0870

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 30.530 ft  
 Warning Stage: 39.000 ft

Stage [ft]	Area [ac]	Area [ft2]
30.530	0.0023	100
31.000	0.0964	4200
32.000	3.1129	135600
33.000	15.0803	656900
34.000	28.3678	1235700
35.000	34.3388	1495800
36.000	36.3223	1582200
37.000	36.8423	1604850
38.000	36.9890	1611241
39.000	36.9890	1611241

Comment: This node has no warning stage, staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-0880

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.890 ft  
 Warning Stage: 34.400 ft

Stage [ft]	Area [ac]	Area [ft2]
29.890	0.1492	6500
30.000	0.2204	9600
31.000	0.9313	40567
32.000	1.0407	45333
33.000	1.0996	47900
34.000	1.2041	52450
35.000	1.5037	65500
36.000	1.9146	83400
37.000	2.3416	102000
38.000	2.3733	103380
39.000	2.3733	103380

Comment:

Node: N-0890

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 32.230 ft  
 Warning Stage: 39.000 ft

Stage [ft]	Area [ac]	Area [ft2]
32.230	0.0023	100
33.000	0.0941	4100
34.000	0.8127	35400
35.000	6.0882	265200
36.000	24.4513	1065100
37.000	38.7534	1688100
38.000	39.0172	1699590
39.000	39.0172	1699590

Comment: This node has no warning stage, staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-0900

Scenario: Scenario1  
 Type: Stage/Area

Base Flow: 0.00 cfs  
 Initial Stage: 29.880 ft  
 Warning Stage: 34.800 ft

Stage [ft]	Area [ac]	Area [ft2]
29.880	0.0023	100
30.000	0.1489	6488
31.000	0.6772	29500
32.000	2.3921	104200
33.000	3.2002	139400
34.000	9.8026	427000
35.000	28.4229	1238100
36.000	53.0487	2310800
37.000	71.7815	3126800
38.000	75.2319	3277100
39.000	76.1823	3318500
40.000	77.1442	3360400
41.000	77.7273	3385800
42.000	77.9013	3393380
43.000	77.9623	3396036
44.000	77.9623	3396036

Comment:

Node: N-0910

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 30.440 ft  
 Warning Stage: 38.000 ft

Stage [ft]	Area [ac]	Area [ft2]
30.440	0.0023	100
31.000	0.0199	867
32.000	0.7277	31700
33.000	2.6768	116600
34.000	4.5960	200200
35.000	9.4628	412200
36.000	14.2355	620100
37.000	14.3884	626760
38.000	14.3884	626760

Comment: This node has no warning stage, staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-0920

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 32.180 ft  
 Warning Stage: 38.200 ft

Stage [ft]	Area [ac]	Area [ft2]
32.180	0.0023	100
33.000	0.5303	23100
34.000	3.2025	139500
35.000	9.9862	435000
36.000	14.6258	637100
37.000	15.1584	660300
38.000	15.5636	677950
39.000	15.7622	686600
40.000	15.8861	692000
41.000	15.9500	694780
42.000	15.9500	694780

Comment:

Node: N-0940

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.890 ft  
 Warning Stage: 35.000 ft

Stage [ft]	Area [ac]	Area [ft2]
23.890	0.0826	3600
24.000	0.3880	16900
25.000	2.0248	88200
26.000	2.8398	123700
27.000	4.1919	182600
28.000	12.9568	564400
29.000	36.0790	1571600
30.000	66.0973	2879200
31.000	99.9059	4351900
32.000	107.6974	4691300
33.000	108.9830	4747300
34.000	109.1886	4756257
35.000	109.1886	4756257

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.



Node: N-0960

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.090 ft  
 Warning Stage: 36.000 ft

Stage [ft]	Area [ac]	Area [ft2]
26.090	0.0023	100
27.000	0.7094	30900
28.000	3.4986	152400
29.000	11.7126	510200
30.000	21.3613	930500
31.000	36.0537	1570500
32.000	52.1028	2269600
33.000	61.7998	2692000
34.000	69.7084	3036500
35.000	70.4314	3067993
36.000	70.4314	3067993

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-0970

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.890 ft  
 Warning Stage: 31.700 ft

Stage [ft]	Area [ac]	Area [ft2]
29.890	0.6474	28200
30.000	0.7851	34200
31.000	1.7803	77550
32.000	1.9203	83650
33.000	2.2337	97300
34.000	2.6653	116100
35.000	3.0808	134200
36.000	3.4734	151300
37.000	3.9233	170900
38.000	4.0670	177156
39.000	4.0670	177156

Comment:

Node: N-0980

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 31.710 ft  
 Warning Stage: 39.000 ft

Stage [ft]	Area [ac]	Area [ft2]
31.710	0.0023	100
32.000	0.0133	580
33.000	0.6910	30100
34.000	3.5698	155500
35.000	10.1354	441500
36.000	20.3834	887900
37.000	24.7773	1079300
38.000	24.7909	1079893
39.000	24.7909	1079893

Comment: This node has no warning stage, staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-0990

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 31.340 ft  
 Warning Stage: 39.000 ft

Stage [ft]	Area [ac]	Area [ft2]
31.340	0.0023	100
32.000	0.1515	6600
33.000	2.0523	89400
34.000	8.7466	381000
35.000	20.8815	909600
36.000	30.8563	1344100
37.000	32.6393	1421767
38.000	32.7437	1426315
39.000	32.7437	1426315

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1000

Scenario: Scenario1  
 Type: Stage/Area

Base Flow: 0.00 cfs  
 Initial Stage: 30.890 ft  
 Warning Stage: 33.100 ft

Stage [ft]	Area [ac]	Area [ft2]
30.890	0.0069	300
31.000	0.2204	9600
32.000	1.1455	49900
33.000	1.3131	57200
34.000	1.5748	68600
35.000	2.0569	89600
36.000	2.7296	118900
37.000	2.9542	128683
38.000	2.9542	128683

Comment:

**Node: N-1020**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.890 ft  
 Warning Stage: 33.600 ft

Stage [ft]	Area [ac]	Area [ft2]
29.890	0.0689	3000
30.000	0.1377	6000
31.000	0.4574	19925
32.000	0.5436	23678
33.000	0.5755	25067
34.000	0.7071	30800
35.000	1.0652	46400
36.000	1.0853	47274
37.000	1.0853	47274

Comment:

**Node: N-1030**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 28.490 ft  
 Warning Stage: 37.000 ft

Stage [ft]	Area [ac]	Area [ft2]
28.490	0.0023	100
29.000	0.0964	4200
30.000	1.6827	73300
31.000	6.2925	274100
32.000	15.2502	664300
33.000	23.7580	1034900
34.000	27.3485	1191300
35.000	27.6618	1204950
36.000	27.7155	1207287
37.000	27.7155	1207287

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1040**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.890 ft  
 Warning Stage: 31.500 ft

Stage [ft]	Area [ac]	Area [ft2]
24.890	0.0161	700
25.000	0.0459	2000
26.000	0.6451	28100
27.000	0.7637	33267
28.000	0.8666	37750
29.000	0.9695	42233
30.000	1.0744	46800
31.000	1.2121	52800
32.000	1.4945	65100
33.000	1.9077	83100
34.000	2.0800	90603
35.000	2.0800	90603

Comment:

**Node: N-1050**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 27.250 ft  
 Warning Stage: 35.200 ft

Stage [ft]	Area [ac]	Area [ft2]
27.250	0.0023	100
28.000	0.0418	1820
29.000	0.7002	30500
30.000	3.3127	144300
31.000	8.3104	362000
32.000	11.9927	522400
33.000	13.0272	567467
34.000	13.1069	570937
35.000	13.1784	574050
36.000	13.3012	579400
37.000	13.5308	589400
38.000	13.7511	599000
39.000	13.8889	605000
40.000	13.9714	608595
41.000	13.9714	608595

Comment:

**Node: N-1060**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.890 ft  
 Warning Stage: 29.900 ft

Stage [ft]	Area [ac]	Area [ft2]
24.890	0.1309	5700
25.000	0.4591	20000
26.000	0.8276	36050
27.000	0.9660	42080
28.000	1.0698	46600
29.000	1.1857	51650
30.000	1.2883	56120
31.000	1.5121	65867
32.000	1.8159	79100
33.000	1.9697	85800
34.000	1.9752	86039
35.000	1.9752	86039

Comment:

**Node: N-1070**

Scenario: Scenario1  
 Type: Stage/Area

Base Flow: 0.00 cfs  
 Initial Stage: 28.260 ft  
 Warning Stage: 37.000 ft

Stage [ft]	Area [ac]	Area [ft2]
28.260	0.0023	100
29.000	0.2020	8800
30.000	1.0973	47800
31.000	3.3471	145800
32.000	8.1841	356500
33.000	11.4073	496900
34.000	12.6400	550600
35.000	13.3678	582300
36.000	13.5194	588907
37.000	13.5194	588907

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1080**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.010 ft  
 Warning Stage: 31.300 ft

Stage [ft]	Area [ac]	Area [ft2]
26.010	0.0023	100
27.000	0.5073	22100
28.000	0.6015	26200
29.000	0.7748	33750
30.000	0.8999	39200
31.000	1.0629	46300
32.000	1.3315	58000
33.000	1.6483	71800
34.000	1.8136	79000
35.000	1.9651	85600
36.000	2.0625	89843
37.000	2.0625	89843

Comment:

**Node: N-1090**

Scenario: Scenario1  
 Type: Stage/Area

Base Flow: 0.00 cfs  
 Initial Stage: 28.910 ft  
 Warning Stage: 39.000 ft

Stage [ft]	Area [ac]	Area [ft2]
28.910	0.0023	100
29.000	0.0059	258
30.000	0.5762	25100
31.000	3.2438	141300
32.000	8.7006	379000
33.000	12.8650	560400
34.000	17.6056	766900
35.000	26.2489	1143400
36.000	35.4867	1545800
37.000	36.1008	1572550
38.000	36.1463	1574533
39.000	36.1463	1574533

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1100

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.900 ft  
 Warning Stage: 30.950 ft

Stage [ft]	Area [ac]	Area [ft2]
25.900	0.0413	1800
26.000	0.0488	2125
27.000	0.3950	17207
28.000	0.4511	19650
29.000	0.5257	22900
30.000	0.5900	25700
31.000	0.9435	41100
32.000	1.5588	67900
33.000	2.2039	96000
34.000	2.9752	129600
35.000	5.2640	229300
36.000	8.2828	360800
37.000	8.8223	384300
38.000	8.8763	386651
39.000	8.8763	386651

Comment:

## Node: N-1110

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 28.690 ft  
 Warning Stage: 35.000 ft

Stage [ft]	Area [ac]	Area [ft2]
28.690	0.0023	100
29.000	0.0092	400
30.000	0.8540	37200
31.000	4.5455	198000
32.000	10.9160	475500
33.000	13.0556	568700
34.000	13.1031	570771
35.000	13.1031	570771

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

## Node: N-1120

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 27.510 ft  
 Warning Stage: 36.000 ft

Stage [ft]	Area [ac]	Area [ft2]
27.510	0.0023	100
28.000	0.1171	5100
29.000	3.6915	160800
30.000	15.4224	671800
31.000	30.7966	1341500
32.000	38.7626	1688500
33.000	39.5334	1722075
34.000	39.5678	1723572
35.000	39.6628	1727710
36.000	39.6628	1727710

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

## Node: N-1130

Scenario: Scenario1  
 Type: Stage/Area



Base Flow: 0.00 cfs  
 Initial Stage: 24.860 ft  
 Warning Stage: 30.400 ft

Stage [ft]	Area [ac]	Area [ft2]
24.860	0.0023	100
25.000	0.0574	2500
26.000	0.7025	30600
27.000	1.0836	47200
28.000	1.5358	66900
29.000	1.7642	76850
30.000	2.0443	89050
31.000	2.4311	105900
32.000	3.2438	141300
33.000	3.9807	173400
34.000	4.8324	210500
35.000	5.2902	230442
36.000	5.2902	230442

Comment:

**Node: N-1140**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.860 ft  
 Warning Stage: 31.420 ft

Stage [ft]	Area [ac]	Area [ft2]
24.860	0.0023	100
25.000	0.2502	10900
26.000	0.8976	39100
27.000	1.0417	45375
28.000	1.1610	50575
29.000	1.3017	56700
30.000	1.5771	68700
31.000	2.5275	110100
32.000	2.9545	128700
33.000	3.4435	150000
34.000	4.0009	174280
35.000	4.1598	181200
36.000	4.4536	194000
37.000	4.5765	199351
38.000	4.5765	199351

Comment:

Node: N-1150

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.890 ft  
 Warning Stage: 29.100 ft

Stage [ft]	Area [ac]	Area [ft2]
23.890	0.0207	900
24.000	0.1022	4450
25.000	0.7346	32000
26.000	0.9022	39300
27.000	1.0709	46650
28.000	1.2064	52550
29.000	1.4417	62800
30.000	1.7837	77700
31.000	2.7181	118400
32.000	3.2576	141900
33.000	3.3379	145399
34.000	3.3379	145399

Comment:

Node: N-1180

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.220 ft  
 Warning Stage: 35.000 ft

Stage [ft]	Area [ac]	Area [ft2]
26.220	0.0023	100
27.000	0.0666	2900
28.000	0.8012	34900
29.000	1.9376	84400
30.000	8.2117	357700
31.000	17.4610	760600
32.000	30.0092	1307200
33.000	33.2530	1448500
34.000	33.5676	1462206
35.000	33.5676	1462206

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1200

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.890 ft  
 Warning Stage: 36.000 ft

Stage [ft]	Area [ac]	Area [ft2]
23.890	0.1699	7400
24.000	0.3880	16900
25.000	1.6908	73650
26.000	1.9146	83400
27.000	3.3287	145000
28.000	13.5882	591900
29.000	36.3567	1583700
30.000	47.8673	2085100
31.000	49.0060	2134700
32.000	49.3962	2151700
33.000	49.6855	2164300
34.000	49.7475	2167000
35.000	49.8190	2170115
36.000	49.8190	2170115

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1220

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.890 ft  
 Warning Stage: 35.100 ft

Stage [ft]	Area [ac]	Area [ft2]
23.890	0.0895	3900
24.000	0.3145	13700
25.000	1.0950	47700
26.000	1.7332	75500
27.000	2.0983	91400
28.000	7.7043	335600
29.000	33.0969	1441700
30.000	50.9871	2221000
31.000	53.3884	2325600
32.000	53.8877	2347350
33.000	54.4100	2370100
34.000	54.5975	2378267
35.000	54.6832	2382000

Stage [ft]	Area [ac]	Area [ft2]
36.000	54.7635	2385500
37.000	54.8439	2389000
38.000	54.9288	2392700
39.000	55.0292	2397071
40.000	55.0947	2399925
41.000	55.1654	2403006
42.000	55.1654	2403006

Comment:

**Node: N-1230**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.380 ft  
 Warning Stage: 38.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.380	0.0023	100
26.000	0.3811	16600
27.000	6.8021	296300
28.000	50.6680	2207100
29.000	60.8448	2650400
30.000	64.8542	2825050
31.000	65.3398	2846200
32.000	65.4333	2850275
33.000	65.4639	2851608
34.000	65.4727	2851989
35.000	65.4751	2852094
36.000	65.4963	2853017
37.000	65.5128	2853738
38.000	65.5128	2853738

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1240**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 32.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.1033	4500
26.000	0.2548	11100
27.000	7.0133	305500
28.000	61.2144	2666500
29.000	63.2530	2755300
30.000	64.2608	2799200
31.000	64.4713	2808368
32.000	64.4713	2808368

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1250**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.660 ft  
 Warning Stage: 27.400 ft

Stage [ft]	Area [ac]	Area [ft2]
26.660	0.0023	100
27.000	5.3053	231100
28.000	96.4991	4203500
29.000	117.2360	5106800
30.000	118.6501	5168400
31.000	119.2379	5194002
32.000	119.2379	5194002

Comment:

**Node: N-1260**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.870 ft  
 Warning Stage: 33.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.870	0.0023	100
26.000	0.7300	31800
27.000	34.6304	1508500
28.000	56.6667	2468400
29.000	57.8708	2520850
30.000	58.4355	2545450

Stage [ft]	Area [ac]	Area [ft2]
31.000	58.7385	2558650
32.000	58.8753	2564607
33.000	58.8753	2564607

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1280

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 31.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.2135	9300
26.000	0.4775	20800
27.000	2.2062	96100
28.000	3.6524	159100
29.000	4.8370	210700
30.000	4.9303	214763
31.000	4.9303	214763

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1290

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 31.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.2204	9600
26.000	0.4293	18700
27.000	2.4047	104750
28.000	3.9348	171400
29.000	5.0758	221100
30.000	5.2441	228433
31.000	5.2441	228433

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1300

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.880 ft  
 Warning Stage: 33.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.880	0.0023	100
26.000	1.3889	60500
27.000	107.6837	4690700
28.000	132.4747	5770600
29.000	134.9702	5879300
30.000	136.3797	5940700
31.000	137.5528	5991800
32.000	138.0719	6014414
33.000	138.0719	6014414

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1310

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 33.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.0161	700
26.000	0.1768	7700
27.000	1.8411	80200
28.000	57.5666	2507600
29.000	99.1758	4320100
30.000	112.4311	4897500
31.000	113.3770	4938700
32.000	113.8781	4960528
33.000	113.8781	4960528

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1320

Scenario: Scenario1  
 Type: Stage/Area

Base Flow: 0.00 cfs  
 Initial Stage: 26.880 ft  
 Warning Stage: 33.000 ft

Stage [ft]	Area [ac]	Area [ft2]
26.880	0.0023	100
27.000	0.4775	20800
28.000	78.7167	3428900
29.000	156.9490	6836700
30.000	181.7585	7917400
31.000	183.9141	8011300
32.000	184.0226	8016025
33.000	184.0226	8016025

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1330**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 27.030 ft  
 Warning Stage: 33.000 ft

Stage [ft]	Area [ac]	Area [ft2]
27.030	0.0023	100
28.000	35.6635	1553500
29.000	129.6258	5646500
30.000	142.0776	6188900
31.000	143.5583	6253400
32.000	144.0541	6274998
33.000	144.0541	6274998

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1340**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 27.000 ft  
 Warning Stage: 35.300 ft

Stage [ft]	Area [ac]	Area [ft2]
27.000	0.0069	300



Stage [ft]	Area [ac]	Area [ft2]
28.000	3.6065	157100
29.000	185.9137	8098400
30.000	257.9293	11235400
31.000	276.3131	12036200
32.000	278.9279	12150100
33.000	279.9862	12196200
34.000	280.3811	12213400
35.000	280.6244	12224000
36.006	280.8030	12231778
37.006	280.9777	12239389
38.006	281.0804	12243864
39.006	281.2070	12249378
40.000	281.3131	12254000
41.000	281.4118	12258300
42.000	281.4525	12260073
43.000	281.4525	12260073

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1350**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.890 ft  
 Warning Stage: 35.300 ft

Stage [ft]	Area [ac]	Area [ft2]
26.890	0.0046	200
27.000	0.0712	3100
28.000	4.6993	204700
29.000	62.0271	2701900
30.000	224.7360	9789500
31.000	269.2332	11727800
32.000	274.1208	11940700
33.000	276.0514	12024800
34.000	276.5385	12046016
35.000	276.5385	12046016

Comment:

**Node: N-1360**

Scenario: Scenario1  
 Type: Stage/Area

Base Flow: 0.00 cfs  
 Initial Stage: 26.890 ft  
 Warning Stage: 39.000 ft

Stage [ft]	Area [ac]	Area [ft2]
26.890	0.0528	2300
27.000	0.3329	14500
28.000	5.7828	251900
29.000	47.9913	2090500
30.000	220.8127	9618600
31.000	267.0730	11633700
32.000	272.0110	11848800
33.000	274.4605	11955500
34.000	276.6575	12051200
35.000	277.3921	12083200
36.000	277.6102	12092700
37.000	277.7485	12098725
38.000	277.8988	12105271
39.000	278.0087	12110060
40.000	278.1428	12115900
41.000	278.2805	12121900
42.000	278.3883	12126593
43.000	278.3883	12126593

Comment:

Node: N-1370

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.890 ft  
 Warning Stage: 40.800 ft

Stage [ft]	Area [ac]	Area [ft2]
26.890	0.1584	6900
27.000	0.2112	9200
28.000	3.9348	171400
29.000	8.0739	351700
30.000	9.8783	430300
31.000	12.9683	564900
32.000	16.0652	699800
33.000	18.4022	801600
34.000	19.7521	860400
35.000	20.1157	876240
36.000	20.1480	877647
37.000	20.1851	879262
38.000	20.1971	879784

Stage [ft]	Area [ac]	Area [ft2]
39.000	20.2304	881238
40.000	20.2456	881900
41.000	20.2713	883017
42.000	20.2870	883700
43.000	20.2894	883806
44.000	20.2894	883806

Comment:

**Node: N-1380**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.890 ft  
 Warning Stage: 33.000 ft

Stage [ft]	Area [ac]	Area [ft2]
24.890	1.0285	44800
25.000	1.4187	61800
26.000	5.7300	249600
27.000	22.1074	963000
28.000	196.1983	8546400
29.000	545.3857	23757000
30.000	937.1488	40822200
31.000	1158.4320	50461300
32.000	1243.5813	54170400
33.000	1300.6198	56655000
34.000	1334.4192	58127300
35.000	1351.8733	58887600
36.000	1361.8641	59322800
37.000	1364.7199	59447200
38.000	1365.4913	59480800
39.000	1365.5182	59481975
40.000	1365.5182	59481975

Comment:

**Node: N-1390**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 28.890 ft  
 Warning Stage: 42.000 ft

Stage [ft]	Area [ac]	Area [ft2]
28.890	0.2388	10400
29.000	0.4614	20100
30.000	4.0220	175200
31.000	18.7351	816100
32.000	31.5450	1374100
33.000	50.8792	2216300
34.000	88.9692	3875500
35.000	138.0234	6012300
36.000	189.7130	8263900
37.000	242.3714	10557700
38.000	306.1823	13337300
39.000	348.7603	15192000
40.000	360.1607	15688600
41.000	360.3738	15697883
42.000	360.3738	15697883

Comment:

Node: N-1400

Scenario: Scenario1  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 35.890 ft  
Warning Stage: 42.000 ft

Stage [ft]	Area [ac]	Area [ft2]
35.890	0.0184	800
36.000	0.5096	22200
37.000	3.6249	157900
38.000	9.8737	430100
39.000	10.4936	457100
40.000	10.7912	470067
41.000	10.9653	477650
42.000	10.9653	477650

Comment:

Node: N-1410

Scenario: Scenario1  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 30.890 ft  
Warning Stage: 43.000 ft

Stage [ft]	Area [ac]	Area [ft2]
30.890	0.0253	1100
31.000	0.0918	4000
32.000	0.8310	36200
33.000	3.8131	166100
34.000	16.2006	705700
35.000	38.4320	1674100
36.000	70.0253	3050300
37.000	117.2635	5108000
38.000	155.6497	6780100
39.000	168.3219	7332100
40.000	169.4016	7379133
41.000	169.9128	7401400
42.000	170.1893	7413444
43.000	170.1893	7413444

Comment:

**Node: N-1420**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 35.890 ft  
 Warning Stage: 40.000 ft

Stage [ft]	Area [ac]	Area [ft2]
35.890	0.0367	1600
36.000	0.4339	18900
37.000	0.8448	36800
38.000	1.0549	45950
39.000	1.0580	46085
40.000	1.0580	46085

Comment:

**Node: N-1430**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 37.440 ft  
 Warning Stage: 39.200 ft

Stage [ft]	Area [ac]	Area [ft2]
37.440	0.0023	100
38.000	2.3806	103700

Stage [ft]	Area [ac]	Area [ft2]
39.000	19.2286	837600
40.000	48.3953	2108100
41.000	92.5390	4031000
42.000	132.2727	5761800
43.000	168.2002	7326800
44.000	204.7062	8917000
45.000	231.9376	10103200
46.000	260.1171	11330700
47.000	282.9798	12326600
48.000	300.4040	13085600
49.000	312.9982	13634200
50.000	323.0142	14070500
51.000	333.4206	14523800
52.000	347.1924	15123700
53.000	363.4343	15831200
54.000	378.0119	16466200
55.000	388.7282	16933000
56.000	399.2447	17391100
57.000	410.1538	17866300
58.000	418.7213	18239500
59.000	429.6786	18716800
60.000	443.2048	19306000
61.000	454.5133	19798600
62.000	462.9637	20166700
63.000	472.0592	20562900
64.000	480.7185	20940100
65.000	485.2250	21136400
66.000	488.4320	21276100
67.000	490.9183	21384400
68.000	493.0349	21476600
69.000	494.5845	21544100
70.000	496.0537	21608100
71.000	497.6056	21675700
72.000	498.8820	21731300
73.000	499.7084	21767300
74.000	500.4316	21798800
75.000	501.0836	21827200
76.000	501.7447	21856000
77.000	502.4885	21888400
78.000	503.1405	21916800
79.000	503.9325	21951300
80.000	504.5638	21978800
81.000	505.1102	22002600
82.000	505.6726	22027100
83.000	506.1616	22048400
84.000	506.6804	22071000
85.000	507.1740	22092500
86.000	507.7204	22116300
87.000	508.2897	22141100

Stage [ft]	Area [ac]	Area [ft2]
88.000	508.8935	22167400
89.000	509.5133	22194400
90.000	510.1584	22222500
91.000	510.7805	22249600
92.000	511.2741	22271100
93.000	511.8733	22297200
94.000	512.4197	22321000
95.000	513.0280	22347500
96.000	513.6983	22376700
97.000	514.3365	22404500
98.000	515.0735	22436600
99.000	515.8035	22468400
100.000	516.0859	22480700
101.000	516.2603	22488300
102.000	516.5129	22499300
103.000	516.8526	22514100
104.000	517.4288	22539200
105.000	517.9563	22562174
106.000	517.9563	22562174

Comment:

Node: N-1440

Scenario: Scenario1  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 35.900 ft  
Warning Stage: 46.000 ft

Stage [ft]	Area [ac]	Area [ft2]
35.900	0.3788	16500
36.000	0.6198	27000
37.000	2.3875	104000
38.000	38.3058	1668600
39.000	119.4146	5201700
40.000	153.8315	6700900
41.000	167.2750	7286500
42.000	174.0932	7583500
43.000	177.4242	7728600
44.000	178.4298	7772400
45.000	178.5010	7775504
46.000	178.5010	7775504

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1450

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 35.900 ft  
 Warning Stage: 130.000 ft

Stage [ft]	Area [ac]	Area [ft2]
35.900	0.0000	0
36.000	0.1469	6400
37.000	1.6208	70600
38.000	17.7984	775300
39.000	108.4183	4722700
40.000	157.7066	6869700
41.000	194.0817	8454200
42.000	228.8567	9969000
43.000	267.2521	11641500
44.000	314.9977	13721300
45.000	365.0964	15903600
46.000	420.9343	18335900
47.000	495.7553	21595100
48.000	565.1400	24617500
49.000	638.7305	27823100
50.000	715.8953	31184400
51.000	790.3030	34425600
52.000	861.4853	37526300
53.000	926.7975	40371300
54.000	982.6515	42804300
55.000	1026.8733	44730600
56.000	1073.9463	46781100
57.000	1117.6125	48683200
58.000	1158.7029	50473100
59.000	1189.6281	51820200
60.000	1215.3398	52940200
61.000	1240.3145	54028100
62.000	1267.6194	55217500
63.000	1292.8604	56317000
64.000	1315.0253	57282500
65.000	1336.4968	58217800
66.000	1354.0014	58980300
67.000	1369.7635	59666900
68.000	1384.8737	60325100
69.000	1397.9293	60893800
70.000	1411.5106	61485400
71.000	1424.1850	62037500
72.000	1435.3306	62523000
73.000	1446.8687	63025600
74.000	1460.3650	63613500
75.000	1475.7851	64285200
76.000	1489.4008	64878300



Stage [ft]	Area [ac]	Area [ft2]
77.000	1501.3361	65398200
78.000	1512.7938	65897300
79.000	1523.9899	66385000
80.000	1535.5096	66886800
81.000	1548.1612	67437900
82.000	1562.6171	68067600
83.000	1578.8200	68773400
84.000	1592.6997	69378000
85.000	1600.2801	69708200
86.000	1607.4082	70018700
87.000	1613.3448	70277300
88.000	1617.8535	70473700
89.000	1621.8825	70649200
90.000	1625.7392	70817200
91.000	1629.3457	70974300
92.000	1632.7663	71123300
93.000	1636.1846	71272200
94.000	1639.6924	71425000
95.000	1643.1979	71577700
96.000	1647.3921	71760400
97.000	1653.8567	72042000
98.000	1659.4766	72286800
99.000	1664.5845	72509300
100.000	1670.1905	72753500
101.000	1675.9963	73006400
102.000	1683.5859	73337000
103.000	1690.8632	73654000
104.000	1698.2599	73976200
105.000	1704.4605	74246300
106.000	1710.3512	74502900
107.000	1716.5197	74771600
108.000	1724.0312	75098800
109.000	1731.4348	75421300
110.000	1738.8407	75743900
111.000	1746.4118	76073700
112.000	1754.4835	76425300
113.000	1762.6492	76781000
114.000	1771.3338	77159300
115.000	1780.2870	77549300
116.000	1789.6625	77957700
117.000	1800.4063	78425700
118.000	1815.2617	79072800
119.000	1828.0051	79627900
120.000	1841.5542	80218100
121.000	1849.9036	80581800
122.000	1857.3141	80904600
123.000	1865.5165	81261900
124.000	1871.3476	81515900
125.000	1874.9793	81674100

Stage [ft]	Area [ac]	Area [ft2]
126.000	1878.6846	81835500
127.000	1882.4931	82001400
128.000	1884.0657	82069900
129.000	1885.0883	82114448
130.000	1885.0883	82114448

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1460**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 31.290 ft  
 Warning Stage: 49.000 ft

Stage [ft]	Area [ac]	Area [ft2]
31.290	0.0023	100
32.000	0.1354	5900
33.000	0.6336	27600
34.000	1.6185	70500
35.000	6.4325	280200
36.000	26.0468	1134600
37.000	74.7153	3254600
38.000	209.9816	9146800
39.000	312.3737	13607000
40.000	399.8669	17418200
41.000	479.9151	20905100
42.000	550.5326	23981200
43.000	596.8320	25998000
44.000	637.7778	27781600
45.000	668.5354	29121400
46.000	696.9927	30361000
47.000	719.7865	31353900
48.000	722.2566	31461497
49.000	722.2566	31461497

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1470**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs

Initial Stage: 28.140 ft  
 Warning Stage: 40.000 ft

Stage [ft]	Area [ac]	Area [ft2]
28.140	0.0023	100
29.000	2.7043	117800
30.000	17.3783	757000
31.000	50.4614	2198100
32.000	92.9568	4049200
33.000	126.8687	5526400
34.000	154.7222	6739700
35.000	169.7911	7396100
36.000	179.1896	7805500
37.000	186.9651	8144200
38.000	191.6070	8346400
39.000	191.7902	8354383
40.000	191.7902	8354383

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1480

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 32.850 ft  
 Warning Stage: 50.000 ft

Stage [ft]	Area [ac]	Area [ft2]
32.850	0.0023	100
33.000	0.0057	250
34.000	0.1553	6767
35.000	0.7484	32600
36.000	8.1841	356500
37.000	34.0519	1483300
38.000	70.4316	3068000
39.000	111.1754	4842800
40.000	152.8283	6657200
41.000	195.9780	8536800
42.000	245.8540	10709400
43.000	302.7686	13188600
44.000	366.2580	15954200
45.000	422.9454	18423500
46.000	454.6970	19806600
47.000	476.9995	20778100
48.000	480.7277	20940500
49.000	480.8653	20946492

Stage [ft]	Area [ac]	Area [ft2]
50.000	480.8653	20946492

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1500**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 32.750 ft  
 Warning Stage: 34.000 ft

Stage [ft]	Area [ac]	Area [ft2]
32.750	0.0023	100
33.000	0.0253	1100
34.000	1.0721	46700
35.000	5.1997	226500
36.000	8.6249	375700
37.000	9.1690	399400
38.000	9.3422	406944
39.000	9.3969	409328
40.000	9.3969	409328

Comment:

**Node: N-1540**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 31.970 ft  
 Warning Stage: 35.100 ft

Stage [ft]	Area [ac]	Area [ft2]
31.970	0.0023	100
32.000	0.0033	143
33.000	0.0382	1663
34.000	0.4063	17700
35.000	1.1823	51500
36.000	3.2415	141200
37.000	6.6850	291200
38.000	9.8072	427200
39.000	10.5854	461100
40.000	10.5875	461190
41.000	10.5875	461190

Comment:

**Node: N-1560**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 32.170 ft  
 Warning Stage: 41.000 ft

Stage [ft]	Area [ac]	Area [ft2]
32.170	0.0023	100
33.000	0.2594	11300
34.000	0.8609	37500
35.000	1.5634	68100
36.000	3.2874	143200
37.000	6.8871	300000
38.000	7.6067	331350
39.000	7.8753	343050
40.000	7.9458	346118
41.000	7.9458	346118

Comment:

**Node: N-1570**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 31.810 ft  
 Warning Stage: 38.000 ft

Stage [ft]	Area [ac]	Area [ft2]
31.810	0.0023	100
32.000	0.1033	4500
33.000	1.5404	67100
34.000	2.8719	125100
35.000	5.0367	219400
36.000	8.1933	356900
37.000	8.2730	360371
38.000	8.2730	360371

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

## Node: N-1600

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.310 ft  
 Warning Stage: 32.400 ft

Stage [ft]	Area [ac]	Area [ft2]
29.310	0.0023	100
30.000	0.4637	20200
31.000	3.0739	133900
32.000	4.7022	204829
33.000	4.7963	208925
34.000	4.8787	212516
35.000	4.8787	212516

Comment:

## Node: N-1610

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.480 ft  
 Warning Stage: 33.000 ft

Stage [ft]	Area [ac]	Area [ft2]
29.480	0.0023	100
30.000	0.3398	14800
31.000	1.6253	70800
32.000	3.9952	174030
33.000	3.9952	174030

Comment:

## Node: N-1630

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 30.380 ft  
 Warning Stage: 32.600 ft

Stage [ft]	Area [ac]	Area [ft2]
30.380	0.0023	100
31.000	0.2686	11700
32.000	1.2213	53200

Stage [ft]	Area [ac]	Area [ft2]
33.000	1.3866	60400
34.000	1.4558	63415
35.000	1.4558	63415

Comment:

**Node: N-1640**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 30.280 ft  
 Warning Stage: 34.000 ft

Stage [ft]	Area [ac]	Area [ft2]
30.280	0.0023	100
31.000	0.3099	13500
32.000	1.6460	71700
33.000	1.6467	71730
34.000	1.6467	71730

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1670**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 83.760 ft  
 Warning Stage: 86.300 ft

Stage [ft]	Area [ac]	Area [ft2]
83.760	35.0712	1527700
84.000	35.0721	1527739
85.000	37.1556	1618500
86.000	40.3329	1756900
87.000	42.5069	1851600
88.000	44.5317	1939800
89.000	56.1662	2446600
90.000	61.4096	2675000
91.000	66.6276	2902300
92.000	74.0312	3224800
93.000	81.0055	3528600
94.000	87.0523	3792000
95.000	91.8664	4001700

Stage [ft]	Area [ac]	Area [ft2]
96.000	96.3315	4196200
97.000	100.7668	4389400
98.000	105.4821	4594800
99.000	110.7736	4825300
100.000	116.2833	5065300
101.000	122.0363	5315900
102.000	128.0533	5578000
103.000	134.1690	5844400
104.000	140.0758	6101700
105.000	145.5280	6339200
106.000	151.0331	6579000
107.000	156.9628	6837300
108.000	164.0794	7147300
109.000	171.5335	7472000
110.000	177.6446	7738200
111.000	183.2002	7980200
112.000	188.8820	8227700
113.000	195.5441	8517900
114.000	205.0803	8933300
115.000	214.4399	9341000
116.000	226.1295	9850200
117.000	241.9904	10541100
118.000	258.1061	11243100
119.000	273.1910	11900200
120.000	290.2916	12645100
121.000	306.9743	13371800
122.000	322.5275	14049300
123.000	339.9334	14807500
124.000	358.1933	15602900
125.000	379.0496	16511400
126.000	400.7048	17454700
127.000	423.8567	18463200
128.000	452.3990	19706500
129.000	478.2897	20834300
130.000	496.1410	21611900
131.000	513.1267	22351800
132.000	525.5234	22891800
133.000	535.7254	23336200
134.000	543.6455	23681200
135.000	551.6093	24028100
136.000	559.0335	24351500
137.000	566.6736	24684300
138.000	575.9022	25086300
139.000	585.0918	25486600
140.000	592.4197	25805800
141.000	599.8600	26129900
142.000	606.0583	26399900
143.000	611.1501	26621700
144.000	615.6910	26819500



Stage [ft]	Area [ac]	Area [ft2]
145.000	619.6235	26990800
146.000	623.2759	27149900
147.000	627.0432	27314000
148.000	631.7815	27520400
149.000	637.9523	27789200
150.000	645.5854	28121700
151.000	654.5156	28510700
152.000	664.0680	28926800
153.000	675.5073	29425100
154.000	689.2906	30025500
155.000	709.8944	30923000
156.000	735.3581	32032200
157.000	763.6019	33262500
158.000	795.9389	34671100
159.000	827.8329	36060400
160.000	858.0762	37377800
161.000	888.4183	38699500
162.000	918.2185	39997600
163.000	950.0666	41384900
164.000	980.6612	42717600
165.000	1013.5629	44150800
166.000	1046.9330	45604400
167.000	1076.6345	46898200
168.000	1106.5220	48200100
169.000	1130.6198	49249800
170.000	1151.4348	50156500
171.000	1171.2833	51021100
172.000	1186.6230	51689300
173.000	1199.9219	52268600
174.000	1214.0174	52882600
175.000	1228.2736	53503600
176.000	1243.4504	54164700
177.000	1260.2663	54897200
178.000	1276.8343	55618900
179.000	1290.8609	56229900
180.000	1301.8526	56708700
181.000	1308.3655	56992400
182.000	1311.6965	57137500
183.000	1312.3286	57165034
184.000	1312.3286	57165034

Comment:

Node: N-1680

Scenario: Scenario1  
 Type: Stage/Area

Base Flow: 0.00 cfs  
 Initial Stage: 75.890 ft  
 Warning Stage: 104.500 ft

Stage [ft]	Area [ac]	Area [ft2]
75.890	0.3581	15600
76.000	0.4339	18900
77.000	0.5628	24517
78.000	0.6272	27322
79.000	0.6489	28265
80.000	0.6982	30414
81.000	0.7392	32200
82.000	0.9275	40400
83.000	1.1869	51700
84.000	1.5289	66600
85.000	1.8538	80750
86.000	2.1534	93800
87.000	2.4357	106100
88.000	2.8960	126150
89.000	3.1864	138800
90.000	3.5285	153700
91.000	3.9968	174100
92.000	4.5041	196200
93.000	5.1056	222400
94.000	5.9022	257100
95.000	6.6781	290900
96.000	7.4931	326400
97.000	8.4366	367500
98.000	9.4008	409500
99.000	10.3122	449200
100.000	11.3223	493200
101.000	12.5689	547500
102.000	13.8728	604300
103.000	15.1469	659800
104.000	16.9697	739200
105.000	18.8797	822400
106.000	20.3168	885000
107.000	21.8067	949900
108.000	23.2300	1011900
109.000	24.1621	1052500
110.000	25.0505	1091200
111.000	25.9619	1130900
112.000	27.0133	1176700
113.000	28.0073	1220000
114.000	29.0266	1264400
115.000	29.7842	1297400
116.000	30.1676	1314100
117.000	30.3535	1322200
118.000	30.4154	1324894
119.000	30.4775	1327600

Stage [ft]	Area [ac]	Area [ft2]
120.000	30.5136	1329172
121.000	30.5136	1329172

Comment:

Node: N-1690

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 67.890 ft  
 Warning Stage: 90.400 ft

Stage [ft]	Area [ac]	Area [ft2]
67.890	0.1951	8500
68.000	1.2649	55100
69.000	2.7135	118200
70.000	3.2140	140000
71.000	3.7305	162500
72.000	4.5064	196300
73.000	6.4876	282600
74.000	9.5845	417500
75.000	12.8949	561700
76.000	17.2888	753100
77.000	23.9991	1045400
78.000	30.5969	1332800
79.000	36.8021	1603100
80.000	43.7603	1906200
81.000	52.7916	2299600
82.000	66.9766	2917500
83.000	86.6942	3776400
84.000	108.1910	4712800
85.000	130.9803	5705500
86.000	154.7498	6740900
87.000	179.4858	7818400
88.000	204.9403	8927200
89.000	231.0973	10066600
90.000	258.2530	11249500
91.000	285.9160	12454500
92.000	314.6212	13704900
93.000	344.9403	15025600
94.000	377.8030	16457100
95.000	410.6520	17888000
96.000	446.0468	19429800
97.000	482.0799	20999400
98.000	517.4197	22538800
99.000	552.2452	24055800

Stage [ft]	Area [ac]	Area [ft2]
100.000	587.9385	25610600
101.000	623.4160	27156000
102.000	655.1171	28536900
103.000	688.0877	29973100
104.000	718.9463	31317300
105.000	751.7516	32746300
106.000	785.8264	34230600
107.000	821.0652	35765600
108.000	857.2153	37340300
109.000	894.1276	38948200
110.000	927.7594	40413200
111.000	960.1745	41825200
112.000	991.7998	43202800
113.000	1024.0978	44609700
114.000	1056.9559	46041000
115.000	1089.1368	47442800
116.000	1117.7640	48689800
117.000	1145.7323	49908100
118.000	1169.0335	50923100
119.000	1187.6791	51735300
120.000	1203.0556	52405100
121.000	1213.6961	52868600
122.000	1221.4922	53208200
123.000	1226.4876	53425800
124.000	1229.9380	53576100
125.000	1232.1556	53672700
126.000	1233.1208	53714742
127.000	1233.1208	53714742

Comment:

Node: N-1700

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 59.600 ft  
 Warning Stage: 155.000 ft

Stage [ft]	Area [ac]	Area [ft2]
59.600	0.0023	100
60.000	0.0429	1867
61.000	0.4408	19200
62.000	2.2865	99600
63.000	3.6869	160600
64.000	5.1837	225800
65.000	6.9444	302500

Stage [ft]	Area [ac]	Area [ft2]
66.000	11.2052	488100
67.000	19.7406	859900
68.000	26.3820	1149200
69.000	33.5950	1463400
70.000	40.5005	1764200
71.000	55.5280	2418800
72.000	65.0895	2835300
73.000	76.5588	3334900
74.000	91.1846	3972000
75.000	110.1033	4796100
76.000	125.2388	5455400
77.000	140.5280	6121400
78.000	160.9826	7012400
79.000	182.3967	7945200
80.000	206.3361	8988000
81.000	231.9192	10102400
82.000	259.9128	11321800
83.000	296.2466	12904500
84.000	331.6345	14446000
85.000	367.8099	16021800
86.000	413.1198	17995500
87.000	448.0969	19519100
88.000	1059.9679	46172200
89.000	1129.6855	49209100
90.000	1202.8053	52394200
91.000	1280.4270	55775400
92.000	1380.1423	60119000
93.000	1513.4986	65928000
94.000	1700.9160	74091900
95.000	1923.8154	83801400
96.000	2151.5909	93723300
97.000	2371.9536	103322300
98.000	2561.3338	111571700
99.000	2709.9288	118044500
100.000	2836.1685	123543500
101.000	2945.0941	128288300
102.000	3050.9160	132897900
103.000	3157.8673	137556700
104.000	3260.4614	142025700
105.000	3359.4536	146337800
106.000	3456.7815	150577400
107.000	3561.8825	155155600
108.000	3670.3099	159878700
109.000	3772.9913	164351500
110.000	3867.4151	168464600
111.000	3960.8379	172534100
112.000	4058.5836	176791900
113.000	4152.9017	180900400
114.000	4249.0450	185088400

Stage [ft]	Area [ac]	Area [ft2]
115.000	4338.0211	188964200
116.000	4430.2870	192983300
117.000	4527.2337	197206300
118.000	4621.0032	201290900
119.000	4697.0478	204603400
120.000	4769.5730	207762600
121.000	4832.0569	210484400
122.000	4884.4674	212767400
123.000	4932.9683	214880100
124.000	4988.3632	217293100
125.000	5028.9096	219059300
126.000	5058.2714	220338300
127.000	5086.3545	221561600
128.000	5121.8939	223109700
129.000	5157.7319	224670800
130.000	5195.8540	226331400
131.000	5236.8297	228116300
132.000	5280.6428	230024800
133.000	5323.2117	231879100
134.000	5362.2314	233578800
135.000	5397.7824	235127400
136.000	5427.2176	236409600
137.000	5450.3237	237416100
138.000	5469.0886	238233500
139.000	5485.7736	238960300
140.000	5500.6061	239606400
141.000	5511.9353	240099900
142.000	5520.1377	240457200
143.000	5527.9614	240798000
144.000	5535.7645	241137900
145.000	5542.8007	241444400
146.000	5550.3076	241771400
147.000	5556.8664	242057100
148.000	5562.7961	242315400
149.000	5567.7617	242531700
150.000	5571.7860	242707000
151.000	5575.5808	242872300
152.000	5578.7925	243012200
153.000	5581.7057	243139100
154.000	5582.9125	243191668
155.000	5582.9125	243191668

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1710

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 31.660 ft  
 Warning Stage: 46.000 ft

Stage [ft]	Area [ac]	Area [ft2]
31.660	0.0023	100
32.000	0.0230	1000
33.000	6.1433	267600
34.000	31.0767	1353700
35.000	68.6915	2992200
36.000	111.9949	4878500
37.000	158.5606	6906900
38.000	207.8306	9053100
39.000	263.2300	11466300
40.000	326.0859	14204300
41.000	391.3613	17047700
42.000	420.6084	18321700
43.000	431.3567	18789900
44.000	433.9233	18901700
45.000	434.5155	18927497
46.000	434.5155	18927497

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1730

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.440 ft  
 Warning Stage: 35.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.440	0.0023	100
26.000	0.7140	31100
27.000	18.2851	796500
28.000	72.0523	3138600
29.000	136.7264	5955800
30.000	180.1791	7848600
31.000	217.6332	9480100
32.000	231.2741	10074300
33.000	232.7089	10136800
34.000	233.1069	10154138
35.000	233.1069	10154138

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1740

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.430 ft  
 Warning Stage: 35.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.430	0.0023	100
26.000	4.1919	182600
27.000	24.6189	1072400
28.000	69.3871	3022500
29.000	108.3150	4718200
30.000	125.6359	5472700
31.000	131.2121	5715600
32.000	132.7227	5781400
33.000	133.3058	5806800
34.000	133.3447	5808497
35.000	133.3447	5808497

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1750

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.380 ft  
 Warning Stage: 35.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.380	0.0023	100
26.000	3.4940	152200
27.000	20.9114	910900
28.000	57.4357	2501900
29.000	88.4986	3855000
30.000	120.0321	5228600
31.000	136.4073	5941900
32.000	138.5124	6033600
33.000	139.6901	6084900
34.000	139.7546	6087712
35.000	139.7546	6087712



Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1780

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.870 ft  
 Warning Stage: 39.000 ft

Stage [ft]	Area [ac]	Area [ft2]
23.870	0.0023	100
24.000	0.9068	39500
25.000	2.8375	123600
26.000	3.7144	161800
27.000	4.8370	210700
28.000	9.1965	400600
29.000	16.9972	740400
30.000	26.8090	1167800
31.000	37.1809	1619600
32.000	46.1892	2012000
33.000	52.4151	2283200
34.000	54.4812	2373200
35.000	55.3903	2412800
36.000	55.5693	2420600
37.000	55.6382	2423600
38.000	55.6759	2425241
39.000	55.6759	2425241

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1800

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 28.400 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.0230	1000
26.000	0.2410	10500
27.000	0.8984	39133
28.000	1.0870	47350

Stage [ft]	Area [ac]	Area [ft2]
29.000	1.2810	55800
30.000	2.4954	108700
31.000	7.5689	329700
32.000	10.0597	438200
33.000	10.8655	473300
34.000	10.9097	475226
35.000	10.9114	475299
36.000	10.9165	475524
37.000	10.9206	475700
38.000	10.9235	475827
39.000	10.9235	475827

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches.

**Node: N-1810**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 42.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.4683	20400
26.000	1.1042	48100
27.000	7.1074	309600
28.000	13.6823	596000
29.000	32.6400	1421800
30.000	67.1028	2923000
31.000	124.7222	5432900
32.000	174.4284	7598100
33.000	195.9940	8537500
34.000	197.8191	8617000
35.000	198.5916	8650650
36.000	198.8529	8662033
37.000	199.0381	8670100
38.000	199.2860	8680900
39.000	199.5380	8691875
40.000	199.5979	8694485
41.000	199.6487	8696697
42.000	199.6487	8696697

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1820

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.880 ft  
 Warning Stage: 38.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.880	0.0046	200
26.000	0.3903	17000
27.000	3.8108	166000
28.000	5.2479	228600
29.000	6.7562	294300
30.000	13.8017	601200
31.000	43.1313	1878800
32.000	124.4835	5422500
33.000	169.0909	7365600
34.000	172.7066	7523100
35.000	173.5859	7561400
36.000	174.1667	7586700
37.000	174.2673	7591083
38.000	174.2673	7591083

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1840

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.590 ft  
 Warning Stage: 38.000 ft

Stage [ft]	Area [ac]	Area [ft2]
29.590	0.0069	300
30.000	5.5992	243900
31.000	19.8646	865300
32.000	20.9711	913500
33.000	21.4486	934300
34.000	21.9238	955000
35.000	22.3026	971500
36.000	22.7365	990400
37.000	23.1129	1006798
38.000	23.1129	1006798

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1880

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.950 ft  
 Warning Stage: 35.000 ft

Stage [ft]	Area [ac]	Area [ft2]
23.950	0.0023	100
24.000	0.0092	400
25.000	0.6841	29800
26.000	1.3453	58600
27.000	4.3480	189400
28.000	20.7369	903300
29.000	59.7590	2603100
30.000	86.5496	3770100
31.000	104.4008	4547700
32.000	111.2098	4844300
33.000	112.8742	4916800
34.000	113.1138	4927237
35.000	113.1138	4927237

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1890

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.930 ft  
 Warning Stage: 38.000 ft

Stage [ft]	Area [ac]	Area [ft2]
23.930	0.0413	1800
24.000	0.0476	2075
25.000	5.7759	251600
26.000	9.7819	426100
27.000	10.7714	469200
28.000	11.9031	518500
29.000	13.4045	583900
30.000	15.1332	659200
31.000	17.4449	759900
32.000	19.7016	858200
33.000	21.0583	917300
34.000	22.7319	990200
35.000	23.6088	1028400
36.000	23.9394	1042800

Stage [ft]	Area [ac]	Area [ft2]
37.000	24.1819	1053365
38.000	24.1819	1053365

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1900**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.890 ft  
 Warning Stage: 36.000 ft

Stage [ft]	Area [ac]	Area [ft2]
23.890	0.2410	10500
24.000	2.7916	121600
25.000	5.0413	219600
26.000	5.4362	236800
27.000	5.7691	251300
28.000	6.3499	276600
29.000	6.9031	300700
30.000	7.5872	330500
31.000	8.8774	386700
32.000	11.8044	514200
33.000	14.0657	612700
34.000	15.0826	657000
35.000	15.1937	661838
36.000	15.1937	661838

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1910**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.860 ft  
 Warning Stage: 38.000 ft

Stage [ft]	Area [ac]	Area [ft2]
26.860	0.0023	100
27.000	1.7172	74800
28.000	6.2672	273000
29.000	18.2530	795100

Stage [ft]	Area [ac]	Area [ft2]
30.000	46.4853	2024900
31.000	94.4674	4115000
32.000	187.7961	8180400
33.000	273.0808	11895400
34.000	312.2452	13601400
35.000	335.4523	14612300
36.000	341.1938	14862400
37.000	342.0220	14898478
38.000	342.0220	14898478

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1920**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 27.550 ft  
 Warning Stage: 43.000 ft

Stage [ft]	Area [ac]	Area [ft2]
27.550	0.0069	300
28.000	0.1699	7400
29.000	1.6070	70000
30.000	2.9040	126500
31.000	4.1230	179600
32.000	12.2360	533000
33.000	46.5404	2027300
34.000	102.6951	4473400
35.000	199.6442	8696500
36.000	321.3315	13997200
37.000	422.9477	18423600
38.000	474.0863	20651200
39.000	497.9844	21692200
40.000	509.9334	22212700
41.000	513.0211	22347200
42.000	514.0792	22393290
43.000	514.0792	22393290

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-1930**

Scenario: Scenario1

Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 33.700 ft  
 Warning Stage: 94.000 ft

Stage [ft]	Area [ac]	Area [ft2]
33.700	0.0023	100
34.000	0.0101	440
35.000	0.2663	11600
36.000	2.2819	99400
37.000	8.6685	377600
38.000	23.6800	1031500
39.000	64.8393	2824400
40.000	148.4435	6466200
41.000	263.1451	11462600
42.000	389.3871	16961700
43.000	530.4132	23104800
44.000	659.2241	28715800
45.000	744.2080	32417700
46.000	771.4050	33602400
47.000	785.5693	34219400
48.000	795.8196	34665900
49.000	802.3232	34949200
50.000	807.4380	35172000
51.000	812.0960	35374900
52.000	816.1157	35550000
53.000	819.8026	35710600
54.000	823.1635	35857000
55.000	826.6850	36010400
56.000	830.1607	36161800
57.000	833.2094	36294600
58.000	836.8779	36454400
59.000	840.5877	36616000
60.000	844.1552	36771400
61.000	848.0831	36942500
62.000	852.6561	37141700
63.000	857.5298	37354000
64.000	863.9555	37633900
65.000	870.8081	37932400
66.000	876.9812	38201300
67.000	882.8030	38454900
68.000	887.8283	38673800
69.000	892.5528	38879600
70.000	897.1235	39078700
71.000	901.5404	39271100
72.000	905.6612	39450600
73.000	909.3871	39612900
74.000	913.2851	39782700
75.000	917.0340	39946000
76.000	921.1869	40126900

Stage [ft]	Area [ac]	Area [ft2]
77.000	925.3972	40310300
78.000	929.0152	40467900
79.000	932.0317	40599300
80.000	935.0321	40730000
81.000	937.5849	40841200
82.000	940.0115	40946900
83.000	942.1855	41041600
84.000	943.8384	41113600
85.000	945.0482	41166300
86.000	945.9435	41205300
87.000	946.6896	41237800
88.000	947.2199	41260900
89.000	947.6010	41277500
90.000	947.9867	41294300
91.000	948.3551	41310350
92.000	948.6295	41322300
93.000	948.6376	41322654
94.000	948.6376	41322654

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1940

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.890 ft  
 Warning Stage: 128.000 ft

Stage [ft]	Area [ac]	Area [ft2]
26.890	0.2548	11100
27.000	0.5946	25900
28.000	4.2998	187300
29.000	7.0340	306400
30.000	11.9215	519300
31.000	23.2851	1014300
32.000	146.1249	6365200
33.000	284.0129	12371600
34.000	448.0854	19518600
35.000	713.9187	31098300
36.000	977.1442	42564400
37.000	1078.9555	46999300
38.000	1124.9426	49002500
39.000	1165.8632	50785000
40.000	1219.0358	53101200
41.000	1278.2736	55681600



Stage [ft]	Area [ac]	Area [ft2]
42.000	1340.6979	58400800
43.000	1385.0459	60332600
44.000	1421.9881	61941800
45.000	1451.7906	63240000
46.000	1476.6575	64323200
47.000	1496.6093	65192300
48.000	1512.3370	65877400
49.000	1525.0046	66429200
50.000	1537.7433	66984100
51.000	1549.1988	67483100
52.000	1559.1850	67918100
53.000	1569.7406	68377900
54.000	1580.1768	68832500
55.000	1591.6919	69334100
56.000	1602.4151	69801200
57.000	1611.7883	70209500
58.000	1620.4155	70585300
59.000	1628.2622	70927100
60.000	1638.6134	71378000
61.000	1647.8466	71780200
62.000	1657.6905	72209000
63.000	1668.4320	72676900
64.000	1680.1263	73186300
65.000	1693.5744	73772100
66.000	1705.5051	74291800
67.000	1718.0693	74839100
68.000	1730.2663	75370400
69.000	1740.3260	75808600
70.000	1750.8219	76265800
71.000	1763.0762	76799600
72.000	1775.7163	77350200
73.000	1789.4582	77948800
74.000	1802.9408	78536100
75.000	1816.3039	79118200
76.000	1831.8939	79797300
77.000	1849.3733	80558700
78.000	1866.4256	81301500
79.000	1883.5537	82047600
80.000	1901.5404	82831100
81.000	1923.1703	83773300
82.000	1948.4711	84875400
83.000	1967.8926	85721400
84.000	1989.9242	86681100
85.000	2016.2282	87826900
86.000	2040.7553	88895300
87.000	2063.7879	89898600
88.000	2088.8590	90990700
89.000	2122.6056	92460700
90.000	2166.4463	94370400

Stage [ft]	Area [ac]	Area [ft2]
91.000	2226.5611	96989000
92.000	2295.9458	100011400
93.000	2388.2851	104033700
94.000	2485.8609	108284100
95.000	2587.4357	112708700
96.000	2682.7961	116862600
97.000	2758.8269	120174500
98.000	2823.3333	122984400
99.000	2875.8219	125270800
100.000	2918.7328	127140000
101.000	2954.0106	128676700
102.000	2982.7479	129928500
103.000	3007.2727	130996800
104.000	3026.9949	131855900
105.000	3043.8682	132590900
106.000	3057.2773	133175000
107.000	3071.1410	133778900
108.000	3085.8379	134419100
109.000	3099.3595	135008100
110.000	3111.5381	135538600
111.000	3123.4114	136055800
112.000	3135.6382	136588400
113.000	3147.2245	137093100
114.000	3157.0753	137522200
115.000	3166.0744	137914200
116.000	3174.2401	138269900
117.000	3181.7539	138597200
118.000	3188.5468	138893100
119.000	3194.5018	139152500
120.000	3199.4697	139368900
121.000	3204.2631	139577700
122.000	3207.5138	139719300
123.000	3209.5914	139809800
124.000	3211.6437	139899200
125.000	3213.5629	139982800
126.000	3215.0781	140048800
127.000	3215.5674	140070117
128.000	3215.5674	140070117

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1950

Scenario: Scenario1  
Type: Stage/Area  
Base Flow: 0.00 cfs

Initial Stage: 25.120 ft  
 Warning Stage: 41.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.120	0.0023	100
26.000	0.7530	32800
27.000	3.0992	135000
28.000	8.2805	360700
29.000	25.9183	1129000
30.000	330.4109	14392700
31.000	776.8985	33841700
32.000	946.2511	41218700
33.000	1071.1983	46661400
34.000	1151.0652	50140400
35.000	1186.8962	51701200
36.000	1196.8779	52136000
37.000	1200.4385	52291100
38.000	1203.1175	52407800
39.000	1205.9206	52529900
40.000	1206.5328	52556571
41.000	1206.5328	52556571

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1960

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.780 ft  
 Warning Stage: 39.000 ft

Stage [ft]	Area [ac]	Area [ft2]
26.780	0.0023	100
27.000	0.0436	1900
28.000	5.3512	233100
29.000	76.8618	3348100
30.000	206.7149	9004500
31.000	389.0955	16949000
32.000	510.6405	22243500
33.000	694.7865	30264900
34.000	859.7039	37448700
35.000	999.5983	43542500
36.000	1056.5657	46024000
37.000	1073.3448	46754900
38.000	1075.0313	46828363
39.000	1075.0313	46828363

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1970

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.920 ft  
 Warning Stage: 48.000 ft

Stage [ft]	Area [ac]	Area [ft2]
26.920	0.0023	100
27.000	0.0367	1600
28.000	6.1501	267900
29.000	195.9022	8533500
30.000	392.5344	17098800
31.000	574.4789	25024300
32.000	718.2185	31285600
33.000	823.2989	35862900
34.000	928.3540	40439100
35.000	1018.9555	44385700
36.000	1087.8122	47385100
37.000	1116.6690	48642100
38.000	1120.6107	48813800
39.000	1122.0845	48878000
40.000	1123.4275	48936500
41.000	1124.8209	48997200
42.000	1126.1892	49056800
43.000	1127.6768	49121600
44.000	1129.0129	49179800
45.000	1130.3903	49239800
46.000	1131.6736	49295700
47.000	1132.5863	49335457
48.000	1132.5863	49335457

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-1980

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.940 ft  
 Warning Stage: 38.000 ft

Stage [ft]	Area [ac]	Area [ft2]
24.940	0.0023	100
25.000	0.0055	238
26.000	0.6374	27767
27.000	0.9206	40100
28.000	6.0629	264100
29.000	95.6703	4167400
30.000	372.1648	16211500
31.000	532.3508	23189200
32.000	582.6033	25378200
33.000	637.5321	27770900
34.000	646.8365	28176200
35.000	648.6433	28254900
36.000	649.7658	28303800
37.000	649.9491	28311783
38.000	649.9491	28311783

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-2000

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 30.100 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.0367	1600
26.000	0.1286	5600
27.000	5.1745	225400
28.000	23.1038	1006400
29.000	132.4587	5769900
30.000	407.2681	17740600
31.000	690.7208	30087800
32.000	906.8274	39501400
33.000	1066.2511	46445900
34.000	1194.8967	52049700
35.000	1264.2723	55071700
36.000	1331.1088	57983100
37.000	1386.8985	60413300
38.000	1438.7603	62672400
39.000	1494.0473	65080700
40.000	1551.0445	67563500
41.000	1616.0652	70395800
42.000	1662.4013	72414200

Stage [ft]	Area [ac]	Area [ft2]
43.000	1688.3368	73543952
44.000	1688.3368	73543952

Comment:

**Node: N-2010**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 30.870 ft  
 Warning Stage: 44.200 ft

Stage [ft]	Area [ac]	Area [ft2]
30.870	0.0023	100
31.000	0.0103	450
32.000	1.0675	46500
33.000	9.0794	395500
34.000	55.1561	2402600
35.000	179.4582	7817200
36.000	305.6038	13312100
37.000	395.5418	17229800
38.000	479.5225	20888000
39.000	551.4784	24022400
40.000	624.5523	27205500
41.000	715.8150	31180900
42.000	820.4591	35739200
43.000	892.2107	38864700
44.000	933.2714	40653300
45.000	952.5803	41494400
46.000	963.4045	41965900
47.000	967.5505	42146500
48.000	969.9702	42251900
49.000	971.4945	42318300
50.000	972.7135	42371400
51.000	973.4194	42402150
52.000	973.7994	42418700
53.000	974.0624	42430160
54.000	974.2596	42438750
55.000	974.5168	42449950
56.000	974.7750	42461200
57.000	975.0597	42473600
58.000	975.2766	42483050
59.000	975.6657	42500000
60.000	975.9917	42514200
61.000	976.3636	42530400
62.000	976.7011	42545100

Stage [ft]	Area [ac]	Area [ft2]
63.000	977.0462	42560133
64.000	977.3829	42574800
65.000	977.9316	42598700
66.000	978.4757	42622400
67.000	979.0129	42645800
68.000	979.4559	42665100
69.000	979.9082	42684800
70.000	980.3811	42705400
71.000	980.9389	42729700
72.000	981.7126	42763400
73.000	983.0923	42823500
74.000	984.5363	42886400
75.000	985.8104	42941900
76.000	987.7916	43028200
77.000	989.6442	43108900
78.000	992.1488	43218000
79.000	994.3457	43313700
80.000	995.9298	43382700
81.000	996.8297	43421900
82.000	998.0257	43474000
83.000	1000.6497	43588300
84.000	1001.7241	43635100
85.000	1002.4311	43665900
86.000	1003.0854	43694400
87.000	1003.7511	43723400
88.000	1004.3825	43750900
89.000	1004.4800	43755148
90.000	1004.4800	43755148

Comment:

Node: N-2020

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.850 ft  
 Warning Stage: 43.000 ft

Stage [ft]	Area [ac]	Area [ft2]
26.850	0.0023	100
27.000	0.2456	10700
28.000	453.3471	19747800
29.000	615.5670	26814100
30.000	824.4536	35913200
31.000	1051.0836	45785200
32.000	1213.7443	52870700

Stage [ft]	Area [ac]	Area [ft2]
33.000	1369.1506	59640200
34.000	1494.7498	65111300
35.000	1533.9624	66819400
36.000	1570.6566	68417800
37.000	1621.6644	70639700
38.000	1667.8030	72649500
39.000	1711.4302	74549900
40.000	1740.4706	75814900
41.000	1757.0822	76538500
42.000	1759.7437	76654435
43.000	1759.7437	76654435

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-2030

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.600 ft  
 Warning Stage: 38.000 ft

Stage [ft]	Area [ac]	Area [ft2]
26.600	0.0023	100
27.000	0.1722	7500
28.000	4.3871	191100
29.000	75.8264	3303000
30.000	122.0960	5318500
31.000	176.4440	7685900
32.000	202.6561	8827700
33.000	247.2498	10770200
34.000	302.0340	13156600
35.000	325.6680	14186100
36.000	332.1465	14468300
37.000	332.7292	14493684
38.000	332.7292	14493684

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-2040

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs



Initial Stage: 25.970 ft  
Warning Stage: 36.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.970	0.0023	100
26.000	0.0077	333
27.000	134.0358	5838600
28.000	364.1208	15861100
29.000	436.9766	19034700
30.000	444.7337	19372600
31.000	450.0092	19602400
32.000	451.8411	19682200
33.000	453.0028	19732800
34.000	453.7167	19763900
35.000	454.2767	19788293
36.000	454.2767	19788293

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-2050

Scenario: Scenario1  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 25.980 ft  
Warning Stage: 46.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.980	0.0023	100
26.000	0.0034	150
27.000	0.3673	16000
28.000	21.2029	923600
29.000	295.2342	12860400
30.000	516.1019	22481400
31.000	680.7071	29651600
32.000	774.0450	33717400
33.000	779.8531	33970400
34.000	783.1107	34112300
35.000	785.2135	34203900
36.000	786.6621	34267000
37.000	787.6102	34308300
38.000	788.5468	34349100
39.000	789.2539	34379900
40.000	790.1377	34418400
41.000	790.8563	34449700
42.000	791.7080	34486800
43.000	792.3691	34515600

Stage [ft]	Area [ac]	Area [ft2]
44.000	792.9637	34541500
45.000	793.0312	34544440
46.000	793.0312	34544440

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-2060

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.100 ft  
 Warning Stage: 32.000 ft

Stage [ft]	Area [ac]	Area [ft2]
24.100	0.0023	100
25.000	1.6690	72700
26.000	8.7787	382400
27.000	64.7980	2822600
28.000	370.9894	16160300
29.000	565.5280	24634400
30.000	603.6869	26296600
31.000	610.8127	26607000
32.000	613.2828	26714600
33.000	614.6097	26772400
34.000	616.0606	26835600
35.000	617.5620	26901000
36.000	618.7420	26952400
37.000	619.6281	26991000
38.000	619.9475	27004913
39.000	619.9475	27004913

Comment:

Node: N-2070

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.890 ft  
 Warning Stage: 27.300 ft

Stage [ft]	Area [ac]	Area [ft2]
23.890	0.0023	100
24.000	0.0145	633

Stage [ft]	Area [ac]	Area [ft2]
25.000	2.7410	119400
26.000	7.8237	340800
27.000	104.2378	4540600
28.000	213.2025	9287100
29.000	261.2557	11380300
30.000	275.3191	11992900
31.000	278.5836	12135100
32.000	279.3835	12169944
33.000	279.3835	12169944

Comment:

Node: N-2080

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.880 ft  
 Warning Stage: 27.900 ft

Stage [ft]	Area [ac]	Area [ft2]
23.880	1.6208	70600
24.000	1.8228	79400
25.000	13.9325	606900
26.000	241.7929	10532500
27.000	358.0051	15594700
28.000	386.7149	16845300
29.000	399.9495	17421800
30.000	408.5262	17795400
31.000	414.3618	18049600
32.000	416.6690	18150100
33.000	416.7151	18152111
34.000	416.7151	18152111

Comment:

Node: N-2260

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.870 ft  
 Warning Stage: 29.300 ft

Stage [ft]	Area [ac]	Area [ft2]
25.870	0.0023	100

Stage [ft]	Area [ac]	Area [ft2]
26.000	1.5060	65600
27.000	2.8765	125300
28.000	3.4275	149300
29.000	4.2539	185300
30.000	5.3375	232500
31.000	6.1846	269400
32.000	6.2292	271344
33.000	6.2292	271344

Comment:

Node: N-2270

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.890 ft  
 Warning Stage: 29.500 ft

Stage [ft]	Area [ac]	Area [ft2]
24.890	0.4362	19000
25.000	0.7208	31400
26.000	1.8962	82600
27.000	2.5436	110800
28.000	3.2484	141500
29.000	3.9555	172300
30.000	4.5432	197900
31.000	5.2870	230300
32.000	6.1938	269800
33.000	6.3694	277450
34.000	6.4405	280549
35.000	6.4405	280549

Comment:

Node: N-2280

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 28.100 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.6635	28900
26.000	1.0950	47700

Stage [ft]	Area [ac]	Area [ft2]
27.000	1.9513	85000
28.000	2.5023	109000
29.000	3.2415	141200
30.000	4.1942	182700
31.000	4.5541	198375
32.000	4.5578	198540
33.000	4.5801	199510
34.000	4.5886	199880
35.000	4.5903	199955
36.000	4.5903	199955

Comment:

Node: N-2290

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 23.880 ft  
 Warning Stage: 35.000 ft

Stage [ft]	Area [ac]	Area [ft2]
23.880	2.0707	90200
24.000	6.6460	289500
25.000	14.5799	635100
26.000	18.0693	787100
27.000	19.7750	861400
28.000	21.7654	948100
29.000	25.2204	1098600
30.000	30.9871	1349800
31.000	39.3572	1714400
32.000	44.8898	1955400
33.000	45.8471	1997100
34.000	45.9496	2001565
35.000	45.9496	2001565

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-2300

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.900 ft  
 Warning Stage: 41.000 ft

Stage [ft]	Area [ac]	Area [ft2]
24.900	0.0000	0
25.900	4.0000	174240
26.900	5.2500	228690
41.000	33.9000	1476684

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-2310

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.610 ft  
 Warning Stage: 37.000 ft

Stage [ft]	Area [ac]	Area [ft2]
24.610	0.0023	100
25.000	12.8558	560000
26.000	20.9894	914300
27.000	24.0427	1047300
28.000	26.4692	1153000
29.000	29.1276	1268800
30.000	33.4848	1458600
31.000	41.1983	1794600
32.000	50.7071	2208800
33.000	57.7433	2515300
34.000	62.5666	2725400
35.000	66.5955	2900900
36.000	68.5156	2984540
37.000	68.5156	2984540

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-2320

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.870 ft  
 Warning Stage: 35.000 ft

Stage [ft]	Area [ac]	Area [ft2]
24.870	0.0023	100

Stage [ft]	Area [ac]	Area [ft2]
25.000	3.5078	152800
26.000	10.9848	478500
27.000	13.5905	592000
28.000	17.0386	742200
29.000	22.3324	972800
30.000	30.7140	1337900
31.000	42.9155	1869400
32.000	50.7897	2212400
33.000	54.4307	2371000
34.000	55.6075	2422261
35.000	55.6075	2422261

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-2330

Scenario: Scenario1  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 35.980 ft  
Warning Stage: 46.000 ft

Stage [ft]	Area [ac]	Area [ft2]
35.980	0.0023	100
36.000	0.0032	140
37.000	0.3225	14050
38.000	1.5427	67200
39.000	2.1809	95000
40.000	2.8191	122800
41.000	3.5422	154300
42.000	5.2778	229900
43.000	7.0592	307500
44.000	7.6079	331400
45.000	7.7586	337966
46.000	7.7586	337966

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-2340

Scenario: Scenario1  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 31.310 ft

Warning Stage: 46.000 ft

Stage [ft]	Area [ac]	Area [ft2]
31.310	0.0023	100
32.000	0.0142	620
33.000	1.1915	51900
34.000	2.3462	102200
35.000	3.3770	147100
36.000	4.6304	201700
37.000	5.7691	251300
38.000	6.6713	290600
39.000	7.7273	336600
40.000	8.8017	383400
41.000	10.0597	438200
42.000	10.8242	471500
43.000	11.1938	487600
44.000	11.2481	489967
45.000	11.2656	490728
46.000	11.2656	490728

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-2350

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.890 ft  
 Warning Stage: 36.200 ft

Stage [ft]	Area [ac]	Area [ft2]
29.890	0.0046	200
30.000	0.0528	2300
31.000	0.8379	36500
32.000	1.0434	45450
33.000	1.4118	61500
34.000	1.5603	67967
35.000	1.7137	74650
36.000	1.8029	78533
37.000	2.2360	97400
38.000	3.4757	151400
39.000	4.1253	179700
40.000	4.2918	186950
41.000	4.6733	203571
42.000	4.6733	203571

Comment:



Node: N-2360

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 30.900 ft  
 Warning Stage: 37.900 ft

Stage [ft]	Area [ac]	Area [ft2]
30.900	0.0023	100
31.000	0.0298	1300
32.000	0.6405	27900
33.000	0.7897	34400
34.000	0.8936	38925
35.000	1.0028	43680
36.000	1.1364	49500
37.000	1.3820	60200
38.000	1.9146	83400
39.000	2.5023	109000
40.000	2.8857	125700
41.000	3.2300	140700
42.000	3.3987	148047
43.000	3.3987	148047

Comment:

Node: N-2370

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 31.890 ft  
 Warning Stage: 40.200 ft

Stage [ft]	Area [ac]	Area [ft2]
31.890	0.7966	34700
32.000	1.5978	69600
33.000	5.4844	238900
34.000	6.3751	277700
35.000	7.2016	313700
36.000	8.0119	349000
37.000	9.0702	395100
38.000	10.1974	444200
39.000	11.6139	505900
40.000	12.8926	561600
41.000	13.7718	599900
42.000	15.3352	668000
43.000	16.9338	737634
44.000	16.9338	737634

Comment:

Node: N-2380

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 34.890 ft  
 Warning Stage: 39.200 ft

Stage [ft]	Area [ac]	Area [ft2]
34.890	0.0275	1200
35.000	0.0436	1900
36.000	0.7874	34300
37.000	1.1846	51600
38.000	1.7424	75900
39.000	2.4288	105800
40.000	2.6492	115400
41.000	3.5078	152800
42.000	4.4651	194500
43.000	5.7071	248600
44.000	6.0753	264640
45.000	6.4027	278900
46.000	6.7241	292903
47.000	6.7241	292903

Comment:

Node: N-2400

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 27.900 ft  
 Warning Stage: 31.200 ft

Stage [ft]	Area [ac]	Area [ft2]
27.900	0.0023	100
28.000	0.0230	1000
29.000	2.0937	91200
30.000	2.8122	122500
31.000	37.1924	1620100
32.000	73.2277	3189800
33.000	111.0973	4839400
34.000	141.2810	6154200
35.000	157.5941	6864800

Stage [ft]	Area [ac]	Area [ft2]
36.000	166.6460	7259100
37.000	167.4977	7296200
38.000	167.6011	7300704
39.000	167.6011	7300704

Comment:

**Node: N-2410**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 24.890 ft  
 Warning Stage: 28.700 ft

Stage [ft]	Area [ac]	Area [ft2]
24.890	0.0184	800
25.000	0.0262	1143
26.000	0.0786	3424
27.000	0.2709	11800
28.000	1.3453	58600
29.000	1.7241	75100
30.000	2.7135	118200
31.000	3.5878	156285
32.000	3.5878	156285

Comment:

**Node: N-2420**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.970 ft  
 Warning Stage: 29.100 ft

Stage [ft]	Area [ac]	Area [ft2]
26.970	0.0046	200
27.000	0.0138	600
28.000	1.1754	51200
29.000	1.5955	69500
30.000	2.2842	99500
31.000	3.1405	136800
32.000	4.0950	178380
33.000	4.1139	179202
34.000	4.1139	179202

Comment:

Node: N-2430

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.900 ft  
 Warning Stage: 34.100 ft

Stage [ft]	Area [ac]	Area [ft2]
29.900	2.4105	105000
30.000	2.8834	125600
31.000	4.8531	211400
32.000	5.5946	243700
33.000	6.8756	299500
34.000	8.5996	374600
35.000	10.6703	464800
36.000	12.1419	528900
37.000	12.7778	556600
38.000	12.8139	558174
39.000	12.8139	558174

Comment:

Node: N-2440

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 27.700 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.4913	21400
26.000	0.6657	29000
27.000	1.8331	79850
28.000	2.1648	94300
29.000	3.0119	131200
30.000	4.2906	186900
31.000	4.4267	192825
32.000	4.4267	192825

Comment:

Node: N-2450

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 27.700 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.4614	20100
26.000	0.7140	31100
27.000	1.9077	83100
28.000	2.4265	105700
29.000	3.2943	143500
30.000	4.2355	184500
31.000	4.2883	186798
32.000	4.2883	186798

Comment:

Node: N-2460

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 27.200 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.3926	17100
26.000	0.6198	27000
27.000	1.7929	78100
28.000	2.1556	93900
29.000	3.0280	131900
30.000	4.1311	179950
31.000	4.1585	181146
32.000	4.1585	181146

Comment:

Node: N-2470

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 31.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.1492	6500
26.000	0.4798	20900
27.000	1.6276	70900
28.000	3.0464	132700
29.000	4.0014	174300
30.000	4.0484	176347
31.000	4.0484	176347

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

Node: N-2490

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 29.890 ft  
 Warning Stage: 32.700 ft

Stage [ft]	Area [ac]	Area [ft2]
29.890	0.6956	30300
30.000	1.1570	50400
31.000	2.4334	106000
32.000	3.0441	132600
33.000	3.6272	158000
34.000	4.3228	188300
35.000	5.0643	220600
36.000	6.6368	289100
37.000	7.3122	318517
38.000	7.3122	318517

Comment:

Node: N-2500

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.890 ft  
 Warning Stage: 40.000 ft

Stage [ft]	Area [ac]	Area [ft2]
25.890	0.0941	4100
26.000	0.1469	6400
27.000	0.6543	28500
28.000	1.3384	58300

Stage [ft]	Area [ac]	Area [ft2]
29.000	1.7287	75300
30.000	2.1013	91533
31.000	2.4082	104900
32.000	2.7847	121300
33.000	3.5790	155900
34.000	4.1598	181200
35.000	4.3805	190814
36.000	4.5443	197950
37.000	4.6459	202375
38.000	4.7264	205880
39.000	4.8554	211502
40.000	4.8554	211502

Comment: Staged water within row crop plot is allowed and encouraged to overflow into agricultural ditches. Warning stage set to max stage.

**Node: N-2510**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.150 ft  
 Warning Stage: 28.300 ft

Stage [ft]	Area [ac]	Area [ft2]
25.150	0.0023	100
26.000	18.4527	803800
27.000	418.7649	18241400
28.000	729.3182	31769100
29.000	1022.7433	44550700
30.000	1294.8072	56401800
31.000	1339.1988	58335500
32.000	1375.6680	59924100
33.000	1381.3476	60171500
34.000	1383.2097	60252613
35.000	1383.2097	60252613

Comment:

**Node: N-2520**

Scenario: Scenario1  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 26.470 ft  
 Warning Stage: 34.200 ft

Stage [ft]	Area [ac]	Area [ft2]
26.470	0.0023	100
27.000	0.9940	43300
28.000	202.3760	8815500
29.000	323.6662	14098900
30.000	441.4187	19228200
31.000	581.0216	25309300
32.000	635.1286	27666200
33.000	637.4862	27768900
34.000	639.5386	27858300
35.000	640.7094	27909300
36.000	641.1685	27929300
37.000	641.4000	27939386
38.000	641.4000	27939386

Comment:

**Node: Outfall: C-41 (Harney Pond Canal)**

Scenario: Scenario1  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 25.200 ft  
 Warning Stage: 0.000 ft  
 Boundary Stage: C-41

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	25.200
0	0	0	72.0000	26.910

Comment: Initial stage determined from elevation on DEM. The 72-hr stage determined from maximum daily mean for the following stream gage, USGS 02273230 C-41 Canal near Brighton, FL.

**Node: Outfall: C-41A**

Scenario: Scenario1  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 30.900 ft  
 Warning Stage: 0.000 ft  
 Boundary Stage: C-41A

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	30.900
0	0	0	72.0000	40.000



Comment:

Rating Curve Link: 259006

Scenario: Scenario1  
 From Node: N-0900  
 To Node: Outfall: C-41 (Harney Pond Canal)  
 Link Count: 1  
 Flow Direction: Both

Table	Elev On [ft]	Elev On Node	Elev Off [ft]	Elev Off Node
Pump-259006	32.000	N-0900	31.000	N-0900

Comment: Elevation On/Off estimated from DEM that represents water level of approximately 31.0'. Assumed that the farmer would keep the pump on to

Weir Link: A10\_A20W

Scenario: Scenario1	Bottom Clip
From Node: A10	Default: 0.00 ft
To Node: A20	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 26.600 ft	Discharge Coefficients
Control Elevation: 26.600 ft	Weir Default: 2.600
Cross Section: A10_A20W-W	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment: Information taken from Permit 28-0285-S.

Weir Link: A10\_A30W

Scenario: Scenario1	Bottom Clip
From Node: A10	Default: 0.00 ft
To Node: A30	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 26.300 ft	Discharge Coefficients
Control Elevation: 26.300 ft	Weir Default: 2.600
Cross Section: A10_A30W-W	Weir Table:

Orifice Default: 0.600  
Orifice Table:

Comment: Information taken from Permit 28-0285-S.

Weir Link: A10\_A40W

Scenario:	Scenario1	Bottom Clip
From Node:	A10	Default: 0.00 ft
To Node:	A40	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Rectangular	Ref Node:
Invert:	28.000 ft	Discharge Coefficients
Control Elevation:	40.000 ft	Weir Default: 2.600
Max Depth:	83.25 ft	Weir Table:
Max Width:	200.00 ft	Orifice Default: 0.600
Fillet:	0.00 ft	Orifice Table:

Comment: Information taken from Permit 28-0285-S.

Weir Link: A10\_A50W

Scenario:	Scenario1	Bottom Clip
From Node:	A10	Default: 0.00 ft
To Node:	A50	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Rectangular	Ref Node:
Invert:	28.000 ft	Discharge Coefficients
Control Elevation:	40.000 ft	Weir Default: 2.600
Max Depth:	83.25 ft	Weir Table:
Max Width:	200.00 ft	Orifice Default: 0.600
Fillet:	0.00 ft	Orifice Table:

Comment: Information taken from Permit 28-0285-S.

Drop Structure Link: A10_OUT	Upstream Pipe	Downstream Pipe
Scenario: Scenario1	Invert: 23.400 ft	Invert: 23.400 ft
From Node: A10	Manning's N: 0.0240	Manning's N: 0.0240
To Node: A40	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 3.00 ft	Max Depth: 3.00 ft

Flow Direction: Both	<b>Bottom Clip</b>	
Solution: Combine	Default: 0.00 ft	Default: 0.00 ft
Increments: 10	Op Table:	Op Table:
Pipe Count: 1	Ref Node:	Ref Node:
Damping: 0.0000 ft	Manning's N: 0.0240	Manning's N: 0.0240
Length: 60.00 ft	<b>Top Clip</b>	
FHWA Code: 6	Default: 0.00 ft	Default: 0.00 ft
Entr Loss Coef: 0.50	Op Table:	Op Table:
Exit Loss Coef: 1.00	Ref Node:	Ref Node:
Bend Loss Coef: 0.00	Manning's N: 0.0240	Manning's N: 0.0240
Bend Location: 0.00 dec		
Energy Switch: Energy		

Pipe Comment:

<b>Weir Component</b>	
Weir: 1	<b>Bottom Clip</b>
Weir Count: 1	Default: 0.00 ft
Weir Flow Direction: Both	Op Table:
Damping: 0.0000 ft	Ref Node:
Weir Type: Broad Crested Vertical	<b>Top Clip</b>
Geometry Type: Rectangular	Default: 0.00 ft
Invert: 26.400 ft	Op Table:
Control Elevation: 26.400 ft	Ref Node:
Max Depth: 83.25 ft	<b>Discharge Coefficients</b>
Max Width: 4.00 ft	Weir Default: 3.000
Fillet: 0.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Weir Comment:

Drop Structure Comment: Information taken from Permit 28-0285-S.

<b>Weir Link: A30_Spill</b>	
Scenario: Scenario1	<b>Bottom Clip</b>
From Node: A30	Default: 0.00 ft
To Node: A50	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	<b>Top Clip</b>
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Sharp Crested Vertical	Op Table:
Geometry Type: Rectangular	Ref Node:
Invert: 27.200 ft	<b>Discharge Coefficients</b>
Control Elevation: 27.200 ft	Weir Default: 3.000
Max Depth: 83.25 ft	Weir Table:
Max Width: 35.00 ft	Orifice Default: 0.600
Fillet: 0.00 ft	Orifice Table:

Comment: Information taken from Permit 28-0285-S.

Weir Link: A40_A20W	
Scenario:	Scenario1
From Node:	A40
To Node:	A20
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Rectangular
Invert:	28.000 ft
Control Elevation:	40.000 ft
Max Depth:	83.25 ft
Max Width:	200.00 ft
Fillet:	0.00 ft
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.600
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment: Information taken from Permit 28-0285-S.	

Weir Link: A40_A30W	
Scenario:	Scenario1
From Node:	A40
To Node:	A30
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Rectangular
Invert:	28.000 ft
Control Elevation:	40.000 ft
Max Depth:	83.25 ft
Max Width:	200.00 ft
Fillet:	0.00 ft
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.600
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment: Information taken from Permit 28-0285-S.	

Weir Link: A40_A50W	
Scenario:	Scenario1
From Node:	A40
To Node:	A50
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	25.500 ft
Control Elevation:	25.500 ft
Cross Section:	A40_A50W-W
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.600
	Weir Table:
	Orifice Default: 0.600

Orifice Table:

Comment: Information taken from Permit 28-0285-S.

Pipe Link: A40_TW_EW	Upstream	Downstream
Scenario: Scenario1	Invert: 23.500 ft	Invert: 23.500 ft
From Node: A40	Manning's N: 0.0240	Manning's N: 0.0240
To Node: N-1890	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 105.00 ft	Op Table:	Op Table:
FHWA Code: 6	Ref Node:	Ref Node:
Entr Loss Coef: 0.50	Manning's N: 0.0240	Manning's N: 0.0240
Exit Loss Coef: 1.00	Top Clip	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0240	Manning's N: 0.0240

Comment: Information taken from Permit 28-0285-S.

Weir Link: A50_A30W	Bottom Clip	
Scenario: Scenario1	Default: 0.00 ft	
From Node: A50	Op Table:	
To Node: A30	Ref Node:	
Link Count: 1	Top Clip	
Flow Direction: Both	Default: 0.00 ft	
Damping: 0.0000 ft	Op Table:	
Weir Type: Broad Crested Vertical	Ref Node:	
Geometry Type: Rectangular	Discharge Coefficients	
Invert: 28.000 ft	Weir Default: 2.600	
Control Elevation: 40.000 ft	Weir Table:	
Max Depth: 83.25 ft	Orifice Default: 0.600	
Max Width: 200.00 ft	Orifice Table:	
Fillet: 0.00 ft		

Comment: Information taken from Permit 28-0285-S.

Pipe Link: A50_TW_A	Upstream	Downstream
Scenario: Scenario1	Invert: 23.500 ft	Invert: 23.500 ft
From Node: A50	Manning's N: 0.0240	Manning's N: 0.0240
To Node: N-2070	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 2.00 ft	Max Depth: 2.00 ft

Flow Direction: Both	<b>Bottom Clip</b>	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 100.00 ft	Op Table:	Op Table:
FHWA Code: 6	Ref Node:	Ref Node:
Entr Loss Coef: 0.50	Manning's N: 0.0240	Manning's N: 0.0240
Exit Loss Coef: 1.00	<b>Top Clip</b>	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0240	Manning's N: 0.0240

Comment: Information taken from Permit 28-0285-S.

<b>Weir Link: BN10_BN20W</b>	
Scenario: Scenario1	<b>Bottom Clip</b>
From Node: BN10	Default: 0.00 ft
To Node: BN20	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	<b>Top Clip</b>
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 28.100 ft	<b>Discharge Coefficients</b>
Control Elevation: 28.100 ft	Weir Default: 2.600
Cross Section: BN10_BN20W-W	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment: Information taken from Permit 28-0285-S.

<b>Weir Link: BN10_BN30W</b>	
Scenario: Scenario1	<b>Bottom Clip</b>
From Node: BN10	Default: 0.00 ft
To Node: BN30	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	<b>Top Clip</b>
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Rectangular	Ref Node:
Invert: 29.400 ft	<b>Discharge Coefficients</b>
Control Elevation: 40.000 ft	Weir Default: 2.600
Max Depth: 83.25 ft	Weir Table:
Max Width: 200.00 ft	Orifice Default: 0.600
Fillet: 0.00 ft	Orifice Table:

Comment: Information taken from Permit 28-0285-S.

<b>Weir Link: BN10_BN40W</b>	
Scenario: Scenario1	<b>Bottom Clip</b>
From Node: BN10	Default: 0.00 ft
To Node: BN40	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	<b>Top Clip</b>
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Rectangular	Ref Node:
Invert: 29.400 ft	<b>Discharge Coefficients</b>
Control Elevation: 40.000 ft	Weir Default: 2.600
Max Depth: 83.25 ft	Weir Table:
Max Width: 200.00 ft	Orifice Default: 0.600
Fillet: 0.00 ft	Orifice Table:
Comment: Information taken from Permit 28-0285-S.	

<b>Weir Link: BN10_BN50W</b>	
Scenario: Scenario1	<b>Bottom Clip</b>
From Node: BN10	Default: 0.00 ft
To Node: BN50	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	<b>Top Clip</b>
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Rectangular	Ref Node:
Invert: 29.400 ft	<b>Discharge Coefficients</b>
Control Elevation: 40.000 ft	Weir Default: 2.600
Max Depth: 83.25 ft	Weir Table:
Max Width: 200.00 ft	Orifice Default: 0.600
Fillet: 0.00 ft	Orifice Table:
Comment: Information taken from Permit 28-0285-S.	

<b>Drop Structure Link: BN10_OUT</b>		
Scenario: Scenario1	<b>Upstream Pipe</b>	<b>Downstream Pipe</b>
From Node: BN10	Invert: 24.700 ft	Invert: 24.700 ft
To Node: N-2290	Manning's N: 0.0240	Manning's N: 0.0240
Link Count: 1	Geometry: Circular	Geometry: Circular
Flow Direction: Both	Max Depth: 3.00 ft	Max Depth: 3.00 ft
Solution: Combine	<b>Bottom Clip</b>	
Increments: 10	Default: 0.00 ft	Default: 0.00 ft
Pipe Count: 1	Op Table:	Op Table:
Damping: 0.0000 ft	Ref Node:	Ref Node:
Length: 75.00 ft	Manning's N: 0.0240	Manning's N: 0.0240
FHWA Code: 6	<b>Top Clip</b>	
Entr Loss Coef: 0.50	Default: 0.00 ft	Default: 0.00 ft
	Op Table:	Op Table:

Exit Loss Coef: 1.00	Ref Node:	Ref Node:
Bend Loss Coef: 0.00	Manning's N: 0.0240	Manning's N: 0.0240
Bend Location: 0.00 dec		
Energy Switch: Energy		

Pipe Comment:

Weir Component	
Weir: 1	Bottom Clip
Weir Count: 1	Default: 0.00 ft
Weir Flow Direction: Both	Op Table:
Damping: 0.0000 ft	Ref Node:
Weir Type: Broad Crested Vertical	Top Clip
Geometry Type: Rectangular	Default: 0.00 ft
Invert: 27.700 ft	Op Table:
Control Elevation: 27.700 ft	Ref Node:
Max Depth: 83.25 ft	Discharge Coefficients
Max Width: 4.00 ft	Weir Default: 3.000
Fillet: 0.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Weir Comment:

Drop Structure Comment: Information taken from Permit 28-0285-S.

Weir Link: BN10_Spill	
Scenario: Scenario1	Bottom Clip
From Node: BN10	Default: 0.00 ft
To Node: N-2290	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Sharp Crested Vertical	Op Table:
Geometry Type: Rectangular	Ref Node:
Invert: 28.600 ft	Discharge Coefficients
Control Elevation: 28.600 ft	Weir Default: 3.000
Max Depth: 83.25 ft	Weir Table:
Max Width: 35.00 ft	Orifice Default: 0.600
Fillet: 0.00 ft	Orifice Table:

Comment: Information taken from Permit 28-0285-S.

Pipe Link: BN30_TW_EW		
Scenario: Scenario1	Upstream	Downstream
From Node: BN30	Invert: 23.500 ft	Invert: 23.500 ft
To Node: N-1890	Manning's N: 0.0240	Manning's N: 0.0240
Link Count: 1	Geometry: Circular	Geometry: Circular
	Max Depth: 2.00 ft	Max Depth: 2.00 ft



Flow Direction: Both	<b>Bottom Clip</b>	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 70.00 ft	Op Table:	Op Table:
FHWA Code: 6	Ref Node:	Ref Node:
Entr Loss Coef: 0.50	Manning's N: 0.0240	Manning's N: 0.0240
Exit Loss Coef: 1.00	<b>Top Clip</b>	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0240	Manning's N: 0.0240

Comment: Information taken from Permit 28-0285-S.

<b>Weir Link: BN50_BN20W</b>		
Scenario: Scenario1	<b>Bottom Clip</b>	
From Node: BN50	Default: 0.00 ft	
To Node: BN20	Op Table:	
Link Count: 1	Ref Node:	
Flow Direction: Both	<b>Top Clip</b>	
Damping: 0.0000 ft	Default: 0.00 ft	
Weir Type: Broad Crested Vertical	Op Table:	
Geometry Type: Rectangular	Ref Node:	
Invert: 29.400 ft	<b>Discharge Coefficients</b>	
Control Elevation: 40.000 ft	Weir Default: 2.600	
Max Depth: 83.25 ft	Weir Table:	
Max Width: 200.00 ft	Orifice Default: 0.600	
Fillet: 0.00 ft	Orifice Table:	

Comment: Information taken from Permit 28-0285-S.

<b>Weir Link: BN50_BN60W</b>		
Scenario: Scenario1	<b>Bottom Clip</b>	
From Node: BN50	Default: 0.00 ft	
To Node: BN60	Op Table:	
Link Count: 1	Ref Node:	
Flow Direction: Both	<b>Top Clip</b>	
Damping: 0.0000 ft	Default: 0.00 ft	
Weir Type: Broad Crested Vertical	Op Table:	
Geometry Type: Irregular	Ref Node:	
Invert: 27.600 ft	<b>Discharge Coefficients</b>	
Control Elevation: 27.600 ft	Weir Default: 2.600	
Cross Section: BN50_BN60W-W	Weir Table:	
	Orifice Default: 0.600	
	Orifice Table:	

Comment: Information taken from Permit 28-0285-S.

<b>Weir Link: BN60_BN20W</b>	
Scenario: Scenario1	Bottom Clip
From Node: BN60	Default: 0.00 ft
To Node: BN20	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Rectangular	Ref Node:
Invert: 29.400 ft	Discharge Coefficients
Control Elevation: 40.000 ft	Weir Default: 2.600
Max Depth: 83.25 ft	Weir Table:
Max Width: 200.00 ft	Orifice Default: 0.600
Fillet: 0.00 ft	Orifice Table:
Comment: Information taken from Permit 28-0285-S.	

<b>Weir Link: BS10_BS30W</b>	
Scenario: Scenario1	Bottom Clip
From Node: BS10	Default: 0.00 ft
To Node: BS30	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Rectangular	Ref Node:
Invert: 29.400 ft	Discharge Coefficients
Control Elevation: 40.000 ft	Weir Default: 2.600
Max Depth: 83.25 ft	Weir Table:
Max Width: 200.00 ft	Orifice Default: 0.600
Fillet: 0.00 ft	Orifice Table:
Comment: Information taken from Permit 28-0285-S.	

<b>Drop Structure Link: BS10_OUTA</b>		
Scenario: Scenario1	Upstream Pipe	Downstream Pipe
From Node: BS10	Invert: 24.200 ft	Invert: 24.200 ft
To Node: BS30	Manning's N: 0.0240	Manning's N: 0.0240
Link Count: 1	Geometry: Circular	Geometry: Circular
Flow Direction: Both	Max Depth: 4.00 ft	Max Depth: 4.00 ft
Solution: Combine	Bottom Clip	
Increments: 10	Default: 0.00 ft	Default: 0.00 ft
Pipe Count: 1	Op Table:	Op Table:
Damping: 0.0000 ft	Ref Node:	Ref Node:
Length: 75.00 ft	Manning's N: 0.0240	Manning's N: 0.0240
FHWA Code: 6	Top Clip	
Entr Loss Coef: 0.50	Default: 0.00 ft	Default: 0.00 ft
	Op Table:	Op Table:

Exit Loss Coef: 1.00                      Ref Node:                      Ref Node:  
 Bend Loss Coef: 0.00                      Manning's N: 0.0240                      Manning's N: 0.0240  
 Bend Location: 0.00 dec  
 Energy Switch: Energy

Pipe Comment:

Weir Component	
Weir: 1	Bottom Clip
Weir Count: 1	Default: 0.00 ft
Weir Flow Direction: Both	Op Table:
Damping: 0.0000 ft	Ref Node:
Weir Type: Broad Crested Vertical	Top Clip
Geometry Type: Rectangular	Default: 0.00 ft
Invert: 27.700 ft	Op Table:
Control Elevation: 27.700 ft	Ref Node:
Max Depth: 83.25 ft	Discharge Coefficients
Max Width: 5.00 ft	Weir Default: 3.000
Fillet: 0.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Weir Comment:

Drop Structure Comment: Northeast corner. Information taken from Permit 28-0285-S.

Drop Structure Link: BS10_OUTB	Upstream Pipe	Downstream Pipe
Scenario: Scenario1	Invert: 24.200 ft	Invert: 24.200 ft
From Node: BS10	Manning's N: 0.0240	Manning's N: 0.0240
To Node: BS30	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 4.00 ft	Max Depth: 4.00 ft
Flow Direction: Both	Bottom Clip	Bottom Clip
Solution: Combine	Default: 0.00 ft	Default: 0.00 ft
Increments: 10	Op Table:	Op Table:
Pipe Count: 1	Ref Node:	Ref Node:
Damping: 0.0000 ft	Manning's N: 0.0240	Manning's N: 0.0240
Length: 75.00 ft	Top Clip	Top Clip
FHWA Code: 6	Default: 0.00 ft	Default: 0.00 ft
Entr Loss Coef: 0.50	Op Table:	Op Table:
Exit Loss Coef: 1.00	Ref Node:	Ref Node:
Bend Loss Coef: 0.00	Manning's N: 0.0240	Manning's N: 0.0240
Bend Location: 0.00 dec		
Energy Switch: Energy		

Pipe Comment:

Weir Component	
Weir: 1	Bottom Clip
Weir Count: 1	Default: 0.00 ft
Weir Flow Direction: Both	Op Table:

Damping: 0.0000 ft  
 Weir Type: Broad Crested Vertical  
 Geometry Type: Rectangular  
 Invert: 27.700 ft  
 Control Elevation: 27.700 ft  
 Max Depth: 83.25 ft  
 Max Width: 5.00 ft  
 Fillet: 0.00 ft

Ref Node:  
 Top Clip  
 Default: 0.00 ft  
 Op Table:  
 Ref Node:  
 Discharge Coefficients  
 Weir Default: 3.000  
 Weir Table:  
 Orifice Default: 0.600  
 Orifice Table:

Weir Comment:

Drop Structure Comment: Information taken from Permit 28-0285-S.

Weir Link: BS10\_Spill

Scenario: Scenario1  
 From Node: BS10  
 To Node: BS30  
 Link Count: 1  
 Flow Direction: Both  
 Damping: 0.0000 ft  
 Weir Type: Sharp Crested Vertical  
 Geometry Type: Rectangular  
 Invert: 28.600 ft  
 Control Elevation: 28.600 ft  
 Max Depth: 83.25 ft  
 Max Width: 35.00 ft  
 Fillet: 0.00 ft

Bottom Clip  
 Default: 0.00 ft  
 Op Table:  
 Ref Node:  
 Top Clip  
 Default: 0.00 ft  
 Op Table:  
 Ref Node:  
 Discharge Coefficients  
 Weir Default: 3.000  
 Weir Table:  
 Orifice Default: 0.600  
 Orifice Table:

Comment: Information taken from Permit 28-0285-S.

Pipe Link: BS20\_BS10A

Scenario: Scenario1  
 From Node: BS20  
 To Node: BS10  
 Link Count: 2  
 Flow Direction: Both  
 Damping: 0.0000 ft  
 Length: 30.00 ft  
 FHWA Code: 32  
 Entr Loss Coef: 0.50  
 Exit Loss Coef: 1.00  
 Bend Loss Coef: 0.00  
 Bend Location: 0.00 dec  
 Energy Switch: Energy

	Upstream	Downstream
Invert:	27.700 ft	27.700 ft
Manning's N:	0.0110	0.0110
Geometry:	Horizontal Ellipse	Horizontal Ellipse
Max Depth:	1.58 ft	1.58 ft
Bottom Clip		
Default:	0.00 ft	0.00 ft
Op Table:		
Ref Node:		
Manning's N:	0.0110	0.0110
Top Clip		
Default:	0.00 ft	0.00 ft
Op Table:		
Ref Node:		

Manning's N: 0.0110

Manning's N: 0.0110

Comment: Information taken from Permit 28-0285-S.

Pipe Link: BS20_BS10B	Upstream	Downstream
Scenario: Scenario1	Invert: 27.700 ft	Invert: 27.700 ft
From Node: BS20	Manning's N: 0.0110	Manning's N: 0.0110
To Node: BS10	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 3.00 ft	Max Depth: 3.00 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 60.00 ft	Op Table:	Op Table:
FHWA Code: 6	Ref Node:	Ref Node:
Entr Loss Coef: 0.50	Manning's N: 0.0110	Manning's N: 0.0110
Exit Loss Coef: 1.00	Top Clip	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0110	Manning's N: 0.0110

Comment: Information taken from Permit 28-0285-S.

Pipe Link: BS20_BS10C	Upstream	Downstream
Scenario: Scenario1	Invert: 27.700 ft	Invert: 27.700 ft
From Node: BS20	Manning's N: 0.0110	Manning's N: 0.0110
To Node: BS10	Geometry: Horizontal Ellipse	Geometry: Horizontal Ellipse
Link Count: 2	Max Depth: 1.58 ft	Max Depth: 1.58 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 30.00 ft	Op Table:	Op Table:
FHWA Code: 32	Ref Node:	Ref Node:
Entr Loss Coef: 0.50	Manning's N: 0.0110	Manning's N: 0.0110
Exit Loss Coef: 1.00	Top Clip	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0110	Manning's N: 0.0110

Comment: Information taken from Permit 28-0285-S.

Weir Link: BS20_BS10W	Bottom Clip
Scenario: Scenario1	Default: 0.00 ft
From Node: BS20	Op Table:
To Node: BS10	Ref Node:
Link Count: 1	

Flow Direction: Both  
 Damping: 0.0000 ft  
 Weir Type: Broad Crested Vertical  
 Geometry Type: Rectangular  
 Invert: 29.400 ft  
 Control Elevation: 40.000 ft  
 Max Depth: 83.25 ft  
 Max Width: 200.00 ft  
 Fillet: 0.00 ft

Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.600
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment: Information taken from Permit 28-0285-S.

**Weir Link: BS20\_BS40W**

Scenario: Scenario1  
 From Node: BS20  
 To Node: BS40  
 Link Count: 1  
 Flow Direction: Both  
 Damping: 0.0000 ft  
 Weir Type: Broad Crested Vertical  
 Geometry Type: Rectangular  
 Invert: 29.400 ft  
 Control Elevation: 40.000 ft  
 Max Depth: 83.25 ft  
 Max Width: 200.00 ft  
 Fillet: 0.00 ft

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.600
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment: Information taken from Permit 28-0285-S.

**Pipe Link: CD-1**

Scenario: Scenario1  
 From Node: N-0350  
 To Node: N-0330  
 Link Count: 1  
 Flow Direction: Both  
 Damping: 0.0000 ft  
 Length: 50.35 ft  
 FHWA Code: 4  
 Entr Loss Coef: 0.50  
 Exit Loss Coef: 1.00  
 Bend Loss Coef: 0.00  
 Bend Location: 0.00 dec  
 Energy Switch: Energy

	Upstream	Downstream
Invert:	35.660 ft	35.150 ft
Manning's N:	0.0220	0.0220
Geometry:	Circular	Circular
Max Depth:	3.00 ft	3.00 ft
Bottom Clip		
Default:	0.00 ft	0.00 ft
Op Table:		
Ref Node:		
Manning's N:	0.0000	0.0000
Top Clip		
Default:	0.00 ft	0.00 ft
Op Table:		
Ref Node:		
Manning's N:	0.0000	0.0000

Comment: