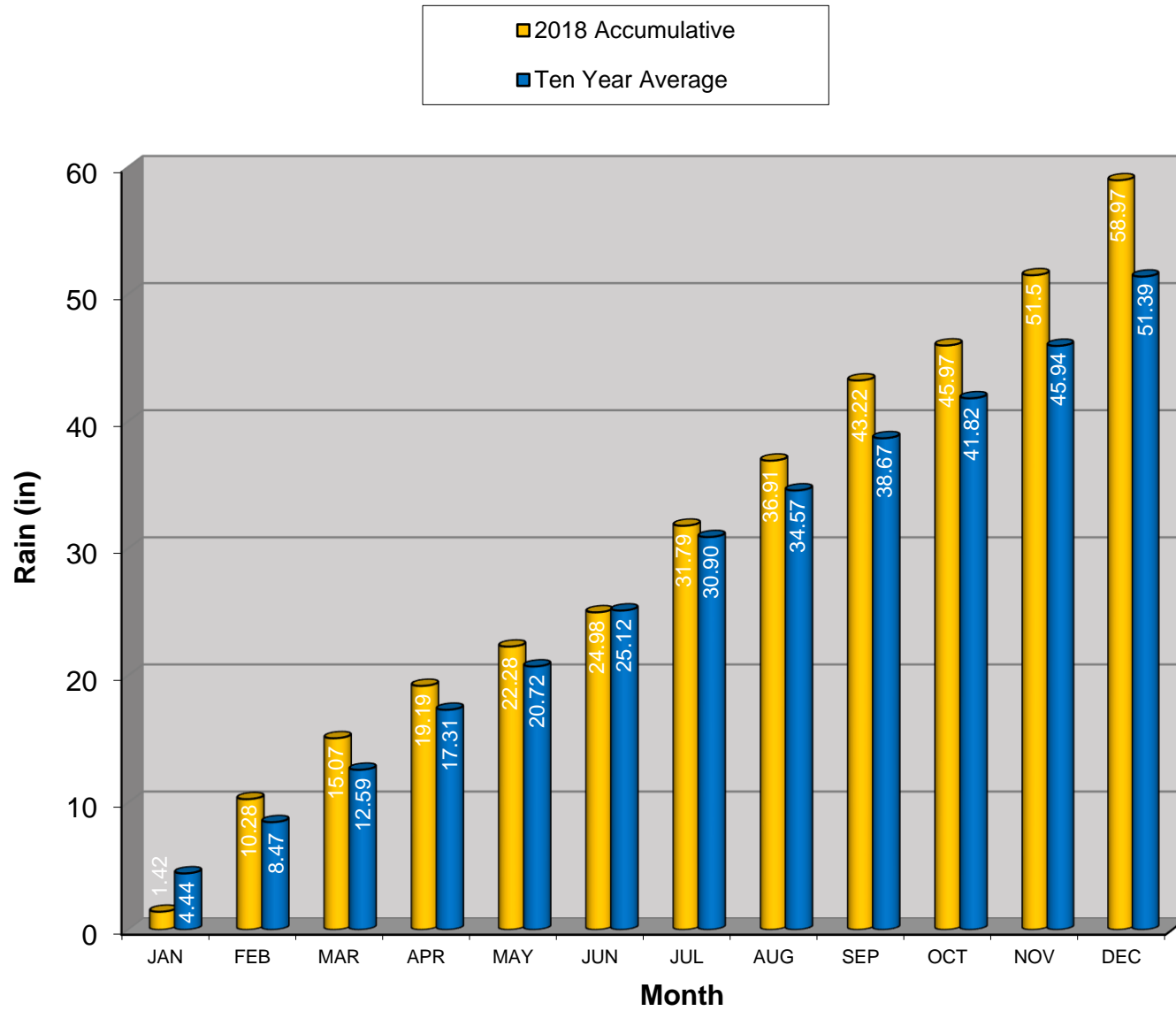


Rain Average vs Current



City of Knoxville Rainfall Data

January 2018

NPDES Monitoring Program

DATE		STATION/WATERSHED (All units indicate inches of rainfall)									
Jan-2018		City/Cty Bldg	Fountain City	Adair Drive	KAT Station	Love Creek	Tyson Park	Walden Drive	Williams Creek	NOAA Airport	AREA AVE.
		TN River	First Creek	First Creek	First Creek	Love Creek	Third Creek	Fourth Creek	Williams Creek	TN River	
Monday	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tuesday	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Friday	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monday	8	0.09	0.15	0.10	0.08	0.09	0.09	0.13	0.08	0.19	0.11
Tuesday	9	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.01	T	0.01
Wednesday	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	11	0.10	0.18	0.14	0.09	0.05	0.13	0.15	0.06	0.12	0.11
Friday	12	0.47	0.53	0.42	0.25	0.61	0.30	0.49	0.48	0.44	0.44
Saturday	13	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Sunday	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Monday	15	0.00	0.00	0.00	0.09	0.00	0.06	0.00	0.00	0.00	0.02
Tuesday	16	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.12	0.02
Wednesday	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Thursday	18	0.01	0.03	0.01	0.02	0.00	0.05	0.04	0.02	0.00	0.02
Friday	19	0.00	0.00	*	0.04	0.00	0.02	0.01	0.00	0.00	0.01
Saturday	20	0.00	0.00	*	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	21	0.00	0.00	*	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monday	22	0.00	0.07	*	0.01	0.03	0.02	0.02	0.03	0.03	0.03
Tuesday	23	0.00	0.04	*	0.00	0.01	0.00	0.00	0.01	T	0.01
Wednesday	24	0.00	0.00	*	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	25	0.00	0.00	*	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	26	0.00	0.00	*	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	27	0.00	0.00	*	0.00	0.00	0.00	0.00	0.00	T	0.00
Sunday	28	0.59	0.90	*	0.54	0.66	0.59	0.67	0.54	0.64	0.64
Monday	29	0.00	0.00	*	0.02	0.00	0.00	0.00	0.00	T	0.00
Tuesday	30	0.00	0.00	*	0.00	0.00	0.00	0.00	0.00	T	0.00
Wednesday	31	0.00	0.00	*	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL		1.26	1.92	0.67	1.18	1.46	1.29	1.52	1.23	1.54	1.34

T = Trace Amounts

City of Knoxville Rainfall Data

February 2018

NPDES Monitoring Program

DATE		STATION/WATERSHED (All units indicate inches of rainfall)									
Feb-2018		City/Cty Bldg	Fountain City	Adair Drive	KAT Station	Love Creek	Tyson Park	Walden Drive	Williams Creek	NOAA Airport	AREA AVE.
		TN River	First Creek	First Creek	First Creek	Love Creek	Third Creek	Fourth Creek	Williams Creek	TN River	
Thursday	1	0.43	0.52	0.36	0.36	0.55	0.41	0.35	0.37	0.40	0.42
Friday	2	0.02	0.01	0.00	0.03	0.01	0.00	0.02	0.00	0.03	0.01
Saturday	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	4	0.78	1.03	0.67	0.76	0.78	0.83	0.93	0.75	0.71	0.80
Monday	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Tuesday	6	0.06	0.16	0.14	0.07	0.11	0.04	0.02	0.08	0.01	0.08
Wednesday	7	0.87	0.97	0.66	0.81	0.90	0.84	0.89	0.86	0.97	0.86
Thursday	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	10	1.77	2.22	1.67	1.79	1.67	1.81	2.10	1.60	2.09	1.86
Sunday	11	1.12	1.86	1.25	1.18	1.15	1.10	1.30	1.14	0.93	1.23
Monday	12	0.02	0.03	0.03	0.02	0.03	0.02	0.03	0.02	0.05	0.03
Tuesday	13	0.01	0.01	0.00	0.01	0.04	0.01	0.01	0.04	0.01	0.02
Wednesday	14	0.41	0.45	0.30	0.38	0.38	0.41	0.44	0.41	0.38	0.40
Thursday	15	0.03	0.02	0.02	0.02	0.03	0.04	0.03	0.02	0.01	0.02
Friday	16	0.23	0.36	0.21	0.16	0.37	0.27	0.19	0.22	0.22	0.25
Saturday	17	0.89	1.23	0.83	0.92	1.01	0.87	0.82	0.87	0.56	0.89
Sunday	18	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00
Monday	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
Tuesday	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	21	0.09	0.02	0.02	0.05	0.13	0.08	0.11	0.11	0.17	0.09
Thursday	22	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	T	0.00
Friday	23	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	24	0.13	0.30	0.22	0.15	0.17	0.14	0.11	0.11	0.04	0.15
Sunday	25	0.62	0.77	0.60	0.56	0.69	0.64	0.77	0.58	0.75	0.66
Monday	26	0.53	0.88	0.53	0.50	0.57	0.47	0.53	0.47	0.31	0.53
Tuesday	27	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Wednesday	28	0.51	0.68	0.47	0.49	0.60	0.53	0.59	0.48	0.62	0.55
TOTAL		8.53	11.54	8.00	8.27	9.22	8.52	9.24	8.14	8.28	7.97

T = Trace Amounts

Note: Fountain City station reporting considerably higher rainfall amounts than the other stations. Recalibrated instrument on 3/7/18.

City of Knoxville Rainfall Data
March 2018
NPDES Monitoring Program

DATE		STATION/WATERSHED (All units indicate inches of rainfall)									
Mar-2018		City/Cty Bldg	Fountain City	Adair Drive	KAT Station	Love Creek	Tyson Park	Walden Drive	Williams Creek	NOAA Airport	AREA AVE.
		TN River	First Creek	First Creek	First Creek	Love Creek	Third Creek	Fourth Creek	Williams Creek	TN River	
Thursday	1	1.13	1.11	0.78	1.16	1.12	1.18	1.21	1.09	1.25	1.11
Friday	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Saturday	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monday	5	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
Tuesday	6	0.24	0.37	0.23	0.21	0.25	0.21	0.23	0.26	0.34	0.26
Wednesday	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Thursday	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Friday	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	10	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	T	0.00
Sunday	11	0.53	0.55	0.41	0.49	0.60	0.57	0.64	0.48	0.48	0.53
Monday	12	0.16	0.36	0.24	0.19	0.28	0.15	0.13	0.19	0.16	0.21
Tuesday	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Thursday	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	17	0.03	0.03	0.02	0.08	0.02	0.03	0.05	0.04	0.70	0.11
Sunday	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monday	19	0.64	1.25	0.95	0.76	1.16	0.51	0.53	0.74	0.33	0.76
Tuesday	20	0.02	0.12	0.05	0.02	0.05	0.03	0.03	0.03	0.03	0.04
Wednesday	21	0.03	0.11	0.03	0.04	0.08	0.02	0.04	0.02	0.04	0.05
Thursday	22	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Friday	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Saturday	24	0.94	1.86	1.04	0.68	1.19	0.68	1.02	0.80	0.97	1.02
Sunday	25	0.04	0.29	0.02	0.17	0.02	0.23	0.16	0.07	0.32	0.15
Monday	26	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	T	0.00
Tuesday	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	29	0.47	0.56	0.45	0.47	0.53	0.50	0.62	0.48	0.49	0.51
Friday	30	0.03	0.04	0.05	0.05	0.05	0.04	0.05	0.04	0.01	0.04
Saturday	31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL		4.28	6.65	4.27	4.33	5.36	4.16	4.71	4.24	5.14	4.31

T = trace amounts

Fountain City station reporting higher than average rainfall amounts. Calibrated on March 7 2018. Higher amounts than other stations still being reported. Use Adair for rainfall data in First Creek

City of Knoxville Rainfall Data

April 2018

NPDES Monitoring Program

DATE		STATION/WATERSHED (All units indicate inches of rainfall)									
Apr-2018		City/Cty Bldg	Fountain City	Adair Drive	KAT Station	Love Creek	Tyson Park	Walden Drive	Williams Creek	NOAA Airport	AREA AVE.
		TN River	First Creek	First Creek	First Creek	Love Creek	Third Creek	Fourth Creek	Williams Creek	TN River	
Sunday	1	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Monday	2	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Tuesday	3	X	0.01	0.01	0.01	0.02	0.02	0.04	0.05	0.02	0.02
Wednesday	4	X	0.54	0.39	0.38	0.53	0.40	0.39	0.40	0.41	0.43
Thursday	5	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	6	X	0.55	0.46	0.53	0.64	0.58	0.67	0.63	0.64	0.59
Saturday	7	X	0.28	0.14	0.35	0.31	0.40	0.43	0.33	0.36	0.31
Sunday	8	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monday	9	X	0.12	0.09	0.07	0.10	0.08	0.08	0.08	0.08	0.09
Tuesday	10	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	11	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	12	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	13	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	14	X	0.00	0.00	0.00	0.02	0.00	0.00	0.06	0.09	0.02
Sunday	15	X	1.00	0.81	1.10	0.98	1.01	0.96	0.82	0.84	0.93
Monday	16	X	0.00	0.00	0.02	0.00	0.06	0.07	0.02	0.01	0.02
Tuesday	17	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	18	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	19	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Friday	20	X	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	21	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	22	X	0.03	0.02	0.03	0.05	0.02	0.05	0.04	0.09	0.04
Monday	23	X	0.85	0.61	0.69	0.83	0.80	0.92	0.74	0.71	0.76
Tuesday	24	X	0.76	0.66	0.15	0.73	0.96	0.65	0.79	0.78	0.65
Wednesday	25	X	0.01	0.00	0.05	0.00	0.05	0.00	0.00	0.02	0.01
Thursday	26	X	0.09	0.07	0.05	0.12	0.21	0.21	0.13	0.23	0.13
Friday	27	X	0.01	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.01
Saturday	28	X	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.01
Sunday	29	X	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.01
Monday	30	X	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.01
TOTAL		X	4.27	3.27	3.68	4.33	4.59	4.47	4.09	4.28	4.06

T = Trace Amounts

X = Offline; Not included in daily/monthly averages.

City of Knoxville Rainfall Data

May 2018

NPDES Monitoring Program

DATE		STATION/WATERSHED (All units indicate inches of rainfall)									
		City/Cty Bldg	Fountain City	Adair Drive	KAT Station	Love Creek	Tyson Park	Walden Drive	Williams Creek	NOAA Airport	AREA AVE.
May-2018		TN River	First Creek	First Creek	First Creek	Love Creek	Third Creek	Fourth Creek	Williams Creek	TN River	
Tuesday	1	X	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	2	X	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	3	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	4	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	5	X	0.06	0.06	0.06	0.22	0.18	0.11	0.20	0.17	0.13
Sunday	6	X	0.07	0.05	0.13	0.01	0.08	0.06	0.01	0.01	0.05
Monday	7	X	0.00	0.00	0.00	0.00	0.00	0.03	0.00	T	0.00
Tuesday	8	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	9	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	10	X	0.02	0.07	0.01	0.02	0.04	0.05	0.02	T	0.03
Friday	11	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	12	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	13	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monday	14	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tuesday	15	X	0.00	0.00	0.01	1.43	0.03	0.00	0.09	0.04	0.20
Wednesday	16	X	0.00	0.00	0.00	0.01	0.00	0.00	0.00	T	0.00
Thursday	17	X	0.51	0.21	0.02	0.00	0.01	0.09	0.04	0.05	0.12
Friday	18	X	0.17	0.15	0.04	0.61	0.17	0.38	0.27	0.79	0.32
Saturday	19	X	0.20	0.05	0.03	0.60	0.07	0.06	0.06	0.13	0.15
Sunday	20	X	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Monday	21	X	0.00	0.00	0.00	0.40	0.00	0.00	0.00	T	0.06
Tuesday	22	X	0.02	0.12	0.00	0.02	0.20	0.04	0.14	0.64	0.15
Wednesday	23	X	0.01	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01
Thursday	24	X	0.22	0.03	0.00	0.00	0.00	0.00	0.01	T	0.04
Friday	25	X	0.28	0.05	0.00	0.00	0.00	0.00	0.00	T	0.05
Saturday	26	X	0.39	0.99	0.00	0.31	0.40	0.37	0.14	0.20	0.35
Sunday	27	X	0.66	0.07	0.02	0.18	0.35	1.52	0.27	1.23	0.54
Monday	28	X	0.19	0.21	0.13	0.26	0.24	0.67	0.19	0.25	0.27
Tuesday	29	X	0.20	0.34	0.07	0.30	0.18	0.15	0.22	0.25	0.21
Wednesday	30	X	0.34	0.04	0.03	0.14	0.37	0.07	0.36	0.34	0.21
Thursday	31	X	0.37	0.28	0.01	0.04	0.13	0.03	0.58	0.09	0.19
TOTAL		0.00	3.73	2.72	0.62	4.57	2.45	3.63	2.61	4.19	2.72

T = trace amounts

City of Knoxville Rainfall Data

June 2018

NPDES Monitoring Program

DATE		STATION/WATERSHED (All units indicate inches of rainfall)									AREA AVE.
		City/Cty Bldg TN River	Fountain City First Creek	Adair Drive First Creek	KAT Station First Creek	Love Creek Love Creek	Tyson Park Third Creek	Walden Drive Fourth Creek	Williams Creek Williams Creek	NOAA Airport TN River	
Friday	1		0.04	0.10	0.00	0.03	0.09	0.01	0.06	0.01	0.04
Saturday	2		0.00	0.00	0.00	0.02	0.03	0.02	0.01	0.02	0.01
Sunday	3		0.16	0.07	0.01	0.01	0.27	0.01	0.74	0.02	0.16
Monday	4		0.00	0.02	0.00	0.01	0.24	0.05	0.00	0.00	0.04
Tuesday	5		0.00	0.00	0.00	0.01	0.12	0.07	0.00	0.00	0.03
Wednesday	6		0.00	0.00	0.00	0.01	0.08	0.10	0.00	0.00	0.02
Thursday	7		0.00	0.00	0.00	0.00	0.04	0.08	0.00	0.00	0.02
Friday	8		0.00	0.00	0.00	0.01	0.02	0.05	0.00	0.00	0.01
Saturday	9		0.00	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.01
Sunday	10		0.00	0.00	0.00	0.01	0.05	0.00	0.17	0.06	0.04
Monday	11		0.09	0.02	0.00	0.00	0.00	0.00	0.01	0.02	0.02
Tuesday	12		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
Wednesday	13		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Thursday	14		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	15		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	16		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	17		0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Monday	18		0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
Tuesday	19		0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.00	0.01
Wednesday	20		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	21		0.36	0.32	0.53	0.46	0.38	0.00	0.44	0.47	0.37
Friday	22		0.05	0.03	0.02	0.02	0.06	0.00	0.03	0.05	0.03
Saturday	23		0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Sunday	24		0.05	0.02	0.10	0.08	0.02	0.00	0.10	0.65	0.13
Monday	25		0.41	0.38	0.19	0.17	0.06	0.01	0.42	0.52	1.90
Tuesday	26		0.59	0.67	0.12	0.64	0.10	0.00	0.81	0.44	3.15
Wednesday	27		0.38	0.33	0.07	0.63	0.05	0.00	0.45	0.86	2.65
Thursday	28		1.02	0.71	0.08	0.43	0.53	0.02	1.32	1.01	0.64
Friday	29		0.01	0.00	0.05	0.14	0.26	0.02	0.00	0.00	0.06
Saturday	30		0.00	0.00	0.02	0.06	0.17	0.00	0.00	0.00	0.03
TOTAL		0.00	3.16	2.67	1.19	2.76	2.60	0.54	4.56	4.13	2.16

T = trace amounts

City of Knoxville Rainfall Data

July 2018

NPDES Monitoring Program

DATE		STATION/WATERSHED (All units indicate inches of rainfall)									
Jul-2018		City/Cty Bldg	Fountain City	Adair Drive	KAT Station	Love Creek	Tyson Park	Walden Drive	Williams Creek	NOAA Airport	AREA AVE.
		TN River	First Creek	First Creek	First Creek	Love Creek	Third Creek	Fourth Creek	Williams Creek	TN River	
Sunday	1		0.17	0.12	0.02	0.05	0.11	0.03	0.03	0.04	0.07
Monday	2		0.01	0.00	0.02	0.08	0.06	0.17	0.08	0.05	0.06
Tuesday	3		0.00	0.00	0.00	0.09	0.01	0.00	0.00	0.00	0.01
Wednesday	4		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Thursday	5		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	6		2.37	1.33	1.40	1.65	2.65	0.89	1.26	1.80	1.67
Saturday	7		0.02	0.50	0.94	0.56	0.26	0.01	0.68	T	0.42
Sunday	8		0.00	0.12	0.00	0.26	0.00	0.00	0.00	0.00	0.05
Monday	9		0.00	0.03	0.00	0.05	0.00	0.00	0.00	0.00	0.01
Tuesday	10		0.09	0.01	0.00	0.01	0.00	0.00	0.13	0.00	0.03
Wednesday	11		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	13		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	14		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	15		0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Monday	16		0.26	0.58	0.92	0.98	0.11	0.10	0.26	T	0.46
Tuesday	17		0.00	0.05	0.08	0.01	1.77	0.00	0.03	1.40	0.42
Wednesday	18		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	19		0.00	0.00	0.00	0.62	0.00	0.00	0.04	0.00	0.08
Friday	20		1.36	1.00	1.08	0.76	0.68	0.00	0.42	0.61	0.74
Saturday	21		1.38	1.23	1.40	1.18	2.06	2.13	1.32	0.83	1.44
Sunday	22		0.07	0.11	0.97	0.10	0.26	0.41	1.40	0.29	0.45
Monday	23		0.71	0.87	0.59	0.01	1.11	0.15	0.01	T	0.49
Tuesday	24		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	25		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	26		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	27		0.10	0.08	0.41	0.77	0.01	0.00	0.42	0.00	0.22
Saturday	28		0.01	0.03	0.00	0.01	0.00	0.00	0.01	0.00	0.01
Sunday	29		0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.01
Monday	30		0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
Tuesday	31		0.04	0.01	0.16	0.14	0.25	0.23	0.19	0.28	0.16
TOTAL		0.00	6.59	6.10	7.99	7.40	9.34	4.12	6.29	5.30	5.90

T = Trace Amounts

City of Knoxville Rainfall Data
August 2018
NPDES Monitoring Program

DATE		STATION/WATERSHED (All units indicate inches of rainfall)									
		City/Cty Bldg TN River	Fountain City	Adair Drive	KAT Station	Love Creek	Tyson Park	Walden Drive	Williams Creek	NOAA Airport	AREA AVE.
Wednesday	1		0.65	0.49	0.61	0.22	0.76	0.68	0.67	0.76	0.61
Thursday	2		0.76	0.73	0.54	0.14	0.62	0.80	0.66	1.57	0.73
Friday	3		0.00	0.05	0.00	0.08	0.03	0.00	0.03	T	0.03
Saturday	4		0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01
Sunday	5		0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
Monday	6		0.00	0.00	0.00	0.02	0.00	0.00	0.00	T	0.00
Tuesday	7		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Wednesday	8		0.51	0.60	0.89	0.02	1.08	0.96	0.77	0.24	0.63
Thursday	9		0.01	0.11	0.06	0.09	0.09	0.08	0.07	0.51	0.13
Friday	10		**	0.34	0.34	0.47	0.50	0.37	0.25	0.14	0.34
Saturday	11		**	0.15	0.22	0.17	0.00	0.14	0.04	0.00	0.10
Sunday	12		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monday	13		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tuesday	14		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	15		**	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Thursday	16		**	0.03	0.00	0.00	0.01	0.01	0.00	T	0.01
Friday	17		**	0.01	0.00	0.00	0.00	0.01	0.01	0.09	0.02
Saturday	18		**	0.77	1.49	0.98	2.36	1.28	1.91	0.24	1.29
Sunday	19		**	0.12	0.13	0.22	0.28	0.12	0.06	T	0.16
Monday	20		**	0.01	0.00	0.10	0.01	0.02	0.03	0.01	0.03
Tuesday	21		**	0.16	0.30	0.17	0.90	0.40	0.32	0.40	0.38
Wednesday	22		**	0.03	0.07	0.03	0.03	0.01	0.10	T	0.05
Thursday	23		**	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00
Friday	24		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	25		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	26		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monday	27		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tuesday	28		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	29		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	30		0.21	0.50	0.54	0.00	1.42	0.89	0.17	0.58	0.54
Friday	31		0.03	0.04	0.01	0.00	0.14	0.29	0.01	0.12	0.08
TOTAL		0.00	2.17	4.14	5.21	2.79	8.24	6.06	5.10	4.66	4.26

T = Trace Amounts

City of Knoxville Rainfall Data
September 2018
NPDES Monitoring Program

DATE		STATION/WATERSHED (All units indicate inches of rainfall)									
Sep-2018		City/Cty Bldg	Fountain City	Adair Drive	KAT Station	Love Creek	Tyson Park	Walden Drive	Williams Creek	NOAA Airport	AREA AVE.
		TN River	First Creek	First Creek	First Creek	Love Creek	Third Creek	Fourth Creek	Williams Creek	TN River	
Saturday	1		0.01	0.01	0.00	0.01	0.00	0.00	0.00	T	0.00
Sunday	2		0.00	0.00	0.00	0.55	**	0.00	0.00	1.00	0.22
Monday	3		0.00	0.05	0.00	0.02	**	0.00	0.00	T	0.01
Tuesday	4		0.03	0.01	0.00	0.00	**	0.72	0.00	T	0.13
Wednesday	5		0.54	0.58	0.79	0.04	0.05	0.01	0.70	0.51	0.40
Thursday	6		0.05	0.01	0.00	0.00	0.00	0.00	0.01	T	0.01
Friday	7		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	8		0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Sunday	9		0.01	0.00	0.00	0.00	**	0.00	0.01	0.01	0.00
Monday	10		0.17	0.14	0.07	0.02	**	0.06	0.03	0.03	0.07
Tuesday	11		0.00	0.00	0.00	0.00	**	0.00	0.00	T	0.00
Wednesday	12		0.09	0.02	0.31	0.53	**	0.00	0.03	T	0.16
Thursday	13		0.01	0.14	0.36	0.04	**	0.00	0.20	0.00	0.11
Friday	14		0.00	0.00	0.14	0.00	0.03	0.00	0.00	0.01	0.02
Saturday	15		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	16		0.39	0.29	0.29	0.32	0.45	0.23	0.27	0.43	0.33
Monday	17		0.04	0.04	0.14	0.14	0.15	0.28	0.12	0.15	0.13
Tuesday	18		0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
Wednesday	19		0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.01
Thursday	20		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	21		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	22		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	23		0.04	0.04	0.22	0.00	0.08	0.06	0.03	0.31	0.10
Monday	24		0.36	0.27	0.32	0.31	0.40	0.41	0.26	0.34	0.33
Tuesday	25		0.17	0.11	0.25	0.12	0.30	0.28	0.26	0.25	0.22
Wednesday	26		1.74	1.29	2.64	1.94	3.05	2.77	2.12	2.26	2.23
Thursday	27		1.31	1.06	2.10	1.63	2.33	2.05	1.84	2.10	1.80
Friday	28		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	29		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	30		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	5.00	4.07	7.63	5.68	6.95	6.87	5.88	7.40	5.50

T = Trace Amount

** Battery failure, data lost

City of Knoxville Rainfall Data

October 2018

NPDES Monitoring Program

DATE		STATION/WATERSHED (All units indicate inches of rainfall)									
Oct-2018		City/Cty Bldg	Fountain City	Adair Drive	KAT Station	Love Creek	Tyson Park	Walden Drive	Williams Creek	NOAA Airport	AREA AVE.
		TN River	First Creek	First Creek	First Creek	Love Creek	Third Creek	Fourth Creek	Williams Creek	TN River	
Monday	1		0.00	0.09	0.03	0.02	0.00	0.48	0.02	T	0.09
Tuesday	2		0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.01
Wednesday	3		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	4		0.19	0.02	0.00	0.04	0.00	0.00	0.00	0.00	0.03
Friday	5		0.01	0.01	0.00	0.00	0.00	0.00	0.00	T	0.00
Saturday	6		0.00	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Sunday	7		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monday	8		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tuesday	9		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	10		0.02	0.02	0.04	0.09	0.01	0.03	0.05	0.18	0.06
Thursday	11		0.21	0.57	1.01	0.64	0.00	0.77	0.86	0.97	0.63
Friday	12		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Saturday	13		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sunday	14		**	0.09	0.06	0.09	0.02	0.05	0.05	0.03	0.06
Monday	15		**	0.41	0.56	0.43	0.01	0.83	0.71	0.42	0.48
Tuesday	16		**	0.22	0.25	0.27	0.34	0.25	0.26	0.24	0.26
Wednesday	17		**	0.00	0.01	0.01	0.01	0.01	0.01	T	0.01
Thursday	18		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	19		**	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Saturday	20		**	0.29	0.49	0.52	0.00	0.42	0.54	0.51	0.40
Sunday	21		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monday	22		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tuesday	23		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	24		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	25		**	0.02	0.03	0.11	0.00	0.05	0.03	0.14	0.05
Friday	26		**	0.63	0.76	0.70	0.00	0.80	0.81	0.50	0.60
Saturday	27		**	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00
Sunday	28		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monday	29		**	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.07
Tuesday	30		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	31		**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL		0.00	0.43	2.37	3.25	2.94	0.91	3.70	3.35	3.00	2.03

T = trace amounts

* = Equipment and Database corruption errors

** Equipment Failure, battery reset, data lost

City of Knoxville Rainfall Data

November 2018

NPDES Monitoring Program

DATE		STATION/WATERSHED (All units indicate inches of rainfall)									
Nov-2018		City/Cty Bldg	Fountain City	Adair Drive	KAT Station	Love Creek	Tyson Park	Walden Drive	Williams Creek	NOAA Airport	AREA AVE.
		TN River	First Creek	First Creek	First Creek	Love Creek	Third Creek	Fourth Creek	Williams Creek	TN River	
Thursday	1		**	0.20	0.30	0.40	0.31	0.25	0.32	0.35	0.30
Friday	2		**	0.06	0.10	0.05	0.09	0.06	0.12	0.11	0.08
Saturday	3		**	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Sunday	4		**	0.04	0.04	0.09	0.03	0.04	0.02	0.11	0.05
Monday	5		**	0.18	0.24	0.15	0.24	0.23	0.26	0.16	0.21
Tuesday	6		**	0.21	0.22	0.21	0.21	0.20	0.20	0.27	0.22
Wednesday	7		**	0.00	0.00	0.00	0.00	0.00	0.10	T	0.02
Thursday	8		**	0.01	0.00	0.01	0.00	0.00	0.00	0.06	0.01
Friday	9		**	0.76	1.06	1.14	1.14	1.05	1.28	1.12	1.08
Saturday	10		**	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Sunday	11		**	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Monday	12		**	0.85	1.28	1.17	1.29	1.23	1.30	1.23	1.19
Tuesday	13		**	0.27	0.40	0.37	0.42	0.46	0.47	0.56	0.42
Wednesday	14		**	0.21	0.26	0.28	0.15	0.25	0.26	0.41	0.26
Thursday	15		**	0.36	0.52	0.43	0.53	0.52	0.52	0.45	0.48
Friday	16		0.03	0.00	0.00	0.00	**	0.00	0.00	0.00	0.00
Saturday	17		0.00	0.00	0.00	0.00	**	0.00	0.00	0.00	0.00
Sunday	18		0.00	0.00	0.00	0.00	**	0.00	0.01	0.00	0.00
Monday	19		0.00	0.00	0.00	0.00	**	0.00	0.00	T	0.00
Tuesday	20		0.00	0.00	0.00	0.00	**	0.00	0.00	T	0.00
Wednesday	21		0.00	0.00	0.00	0.00	**	0.00	0.00	0.00	0.00
Thursday	22		0.00	0.00	0.00	0.00	**	0.00	0.00	0.00	0.00
Friday	23		0.05	0.04	0.07	0.04	**	0.06	0.05	0.04	0.05
Saturday	24		0.42	0.30	0.49	0.41	**	0.41	0.44	0.39	0.41
Sunday	25		0.01	0.01	0.00	0.01	**	0.00	0.00	0.01	0.01
Monday	26		0.10	0.08	0.12	0.10	**	0.08	0.08	0.04	0.09
Tuesday	27		0.00	0.00	0.00	0.00	**	0.00	0.00	T	0.00
Wednesday	28		0.00	0.00	0.00	0.00	**	0.00	0.00	0.00	0.00
Thursday	29		0.24	0.20	0.20	0.20	**	0.25	0.21	0.29	0.23
Friday	30		0.19	0.43	0.58	0.65	0.53	0.59	0.01	0.35	0.42
TOTAL		0.00	1.04	4.21	5.88	5.72	4.94	5.68	5.67	5.95	5.53

T = trace amounts

** Equipment Failure, battery reset, data lost

City of Knoxville Rainfall Data

December 2018

NPDES Monitoring Program

DATE		STATION/WATERSHED (All units indicate inches of rainfall)									
Dec-2018		City/Cty Bldg	Fountain City	Adair Drive	KAT Station	Love Creek	Tyson Park	Walden Drive	Williams Creek	NOAA Airport	AREA AVE.
		TN River	First Creek	First Creek	First Creek	Love Creek	Third Creek	Fourth Creek	Williams Creek	TN River	
Saturday	1		0.10	0.22	0.35	0.26	0.33	0.23	0.36	0.40	0.28
Sunday	2		0.04	0.19	0.41	0.37	0.37	0.40	0.31	0.02	0.26
Monday	3		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tuesday	4		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wednesday	5		0.01	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Thursday	6		0.27	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.04
Friday	7		0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Saturday	8		0.09	0.22	0.31	0.41	0.33	0.34	0.30	0.56	0.32
Sunday	9		0.23	0.73	1.17	1.14	1.35	1.17	1.21	0.87	0.98
Monday	10		0.10	0.14	0.17	0.22	0.16	0.15	0.21	0.09	0.16
Tuesday	11		0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
Wednesday	12		0.09	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01
Thursday	13		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Friday	14		0.03	0.02	0.02	0.10	0.02	0.03	0.04	0.11	0.05
Saturday	15		0.17	0.36	0.53	0.42	0.39	0.38	0.55	0.12	0.37
Sunday	16		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monday	17		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tuesday	18		0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Wednesday	19		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	20		0.78	0.60	0.76	0.78	0.86	0.79	0.75	0.71	0.75
Friday	21		0.73	0.85	1.20	1.14	1.34	1.25	1.23	1.49	1.15
Saturday	22		0.18	0.00	0.00	0.00	0.00	0.00	0.00	T	0.03
Sunday	23		0.15	0.09	0.08	0.09	0.11	0.10	0.08	0.04	0.09
Monday	24		0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
Tuesday	25		0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Wednesday	26		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thursday	27		0.18	0.63	0.83	0.81	0.93	0.81	0.79	0.95	0.74
Friday	28		0.35	1.54	2.11	1.44	2.27	2.07	2.05	1.66	1.69
Saturday	29		0.03	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Sunday	30		0.01	0.00	0.00	0.00	0.00	0.00	0.00	T	0.00
Monday	31		0.01	0.27	0.35	0.53	0.42	0.43	0.30	0.48	0.35
TOTAL		0.00	5.11	5.86	8.30	7.71	8.90	8.16	8.19	7.50	7.47

T = trace amounts