

# Cooperative & Backyard Observer Rundown

## NWS Huntsville -- 2013



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### PRECIPITATION -- Page 1

Anderson (AL)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	10.13	3.18	5.94	5.65	5.21	6.85	8.95	1.80	4.00	2.48	3.98	6.00	64.17
Normal	4.97	5.27	5.12	4.64	5.38	4.44	4.60	4.32	4.62	3.75	4.94	5.88	57.93
% of Normal	204%	60%	116%	122%	97%	154%	195%	42%	87%	66%	81%	102%	111%
Departure	5.16	-2.09	0.82	1.01	-0.17	2.41	4.35	-2.52	-0.62	-1.27	-0.96	0.12	6.24

Athens	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	8.15	3.00	5.77	6.58	6.92	4.33	10.74	3.12	3.43	1.94	4.53	6.62	65.13
Normal	5.59	4.80	5.09	4.75	5.16	4.69	4.33	3.39	4.09	3.81	5.06	6.13	56.89
% of Normal	146%	63%	113%	139%	134%	92%	248%	92%	84%	51%	90%	108%	114%
Departure	2.56	-1.80	0.68	1.83	1.76	-0.36	6.41	-0.27	-0.66	-1.87	-0.53	0.49	8.24

Belle Mina	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	8.25	2.86	5.62	5.31	6.50	3.34	9.81	2.23	4.22	0.94	3.50	5.99	58.57
Normal	5.08	4.76	4.84	4.39	4.75	4.29	3.94	3.29	3.89	3.43	4.83	5.72	53.21
% of Normal	162%	60%	116%	121%	137%	78%	249%	68%	108%	27%	72%	105%	110%
Departure	3.17	-1.90	0.78	0.92	1.75	-0.95	5.87	-1.06	0.33	-2.49	-1.33	0.27	5.36

Boaz	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	5.64	6.26	4.84	8.55	7.14	7.30	7.22				4.51	10.04	61.50
Normal	5.06	4.96	5.07	4.69	4.55	4.40	4.93	3.80	3.80	3.58	4.76	4.76	54.36
% of Normal	111%	126%	95%	182%	157%	166%	146%				95%	211%	113%
Departure	0.58	1.30	-0.23	3.86	2.59	2.90	2.29				-0.25	5.28	7.14

Coldwater	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	8.27	2.75	4.18	7.25	4.73	4.85	8.63	6.86	3.05	1.82	3.89	6.69	62.97

Crossville	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	10.59	5.33	5.34	7.88	7.88	5.68	8.79	7.06	3.72	0.30	4.77	10.01	77.35
Normal	5.05	5.04	5.08	4.51	4.36	4.19	4.58	3.71	4.11	3.18	4.92	4.92	53.65
% of Normal	210%	106%	105%	175%	181%	136%	192%	190%	91%	9%	97%	203%	144%
Departure	5.54	0.29	0.26	3.37	3.52	1.49	4.21	3.35	-0.39	-2.88	-0.15	5.09	23.70

Cullman Abbey	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	10.50	5.56	5.38	5.50	5.75	2.81	7.00	2.51	0.76	1.14	3.39	6.33	56.63
Normal	5.69	5.72	5.33	4.87	5.45	4.50	4.44	3.94	4.45	3.94	5.18	5.62	59.13
% of Normal	185%	97%		113%	106%	62%	158%	64%	17%	29%	65%	113%	96%
Departure	4.81	-0.16	0.05	0.63	0.30	-1.69	2.56	-1.43	-3.69	-2.80	-1.79	0.71	-2.50

Cullman Ag Stn	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	12.79	5.89	5.36	5.13	7.18	3.12	3.98	6.00	2.34	0.66	5.26	7.98	65.69
Normal	5.59	5.64	4.93	4.91	5.33	4.58	4.50	4.11	4.55	3.72	4.85	5.91	58.62
% of Normal	229%	104%	109%	104%	135%	68%	88%	146%	51%	18%	108%	135%	112%
Departure	7.20	0.25	0.43	0.22	1.85	-1.46	-0.52	1.89	-2.21	-3.06	0.41	2.07	7.07

Decatur Airport	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	8.01	2.90	5.52	4.67	5.03	3.38	9.25	1.53	3.92	1.42	3.11	5.37	54.11
Normal	4.63	4.77	4.89	4.53	4.44	4.50	4.58	3.55	3.58	3.45	4.79	5.67	53.38
% of Normal	173%	61%	113%	103%	113%	75%	202%	43%	109%	41%	65%	95%	101%
Departure	3.38	-1.87	0.63	0.14	0.59	-1.12	4.67	-2.02	0.34	-2.03	-1.68	-0.30	0.73

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### PRECIPITATION -- Page 2

Fayetteville	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	8.32	2.59	5.33	7.35	4.15	4.52	11.66	5.56	3.26	1.33	3.83	7.17	65.07
Normal	4.75	4.94	5.24	4.47	4.83	4.55	4.56	3.34	3.94	3.73	5.33	5.87	55.55
% of Normal	175%	52%	102%	164%	86%	99%	256%	166%	83%	36%	72%	122%	117%
Departure	3.57	-2.35	0.09	2.88	-0.68	-0.03	7.10	2.22	-0.68	-2.40	-1.50	1.30	9.52

Fort Payne	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	10.89	5.20	4.44	8.83	4.51	3.21	8.86	4.20	1.87	0.39	5.15	6.49	64.04
Normal	4.99	5.08	4.61	4.00	4.71	4.02	6.11	3.97	3.12	3.06	5.21	5.25	54.13
% of Normal	218%	102%	96%	221%	96%	80%	145%	106%	60%	13%	99%	124%	118%
Departure	5.90	0.12	-0.17	4.83	-0.20	-0.81	2.75	0.23	-1.25	-2.67	-0.06	1.24	9.91

Guntersville	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	11.66	5.55	5.88	6.68	8.82	5.85	8.51	9.58	7.07	0.89	4.80	8.68	83.97
Normal	4.95	5.31	4.97	4.45	4.47	4.04	4.34	3.97	3.80	3.32	4.46	5.25	53.33
% of Normal	236%	105%	118%	150%	197%	145%	196%	241%	186%	27%	108%	165%	157%
Departure	6.71	0.24	0.91	2.23	4.35	1.81	4.17	5.61	3.27	-2.43	0.34	3.43	30.64

Guntersville Wtr	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	11.15	5.16	4.91	6.94	7.96	5.61	8.16	7.12	7.40	0.70	5.00	8.56	78.67
Normal	5.28	5.94	5.48	4.18	4.78	3.40	4.29	3.87	4.36	3.38	4.79	5.05	54.80
% of Normal	211%	87%	90%	166%	167%	165%	190%	184%	170%	21%	104%	170%	144%
Departure	5.87	-0.78	-0.57	2.76	3.18	2.21	3.87	3.25	3.04	-2.68	0.21	3.51	23.87

Hanceville	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	12.01	5.54	6.05	7.59	5.57	3.48	8.57	4.00	2.45	0.46	4.73	8.10	68.55
Normal	5.39	5.49	5.14	5.10	5.42	4.35	4.60	3.47	4.20	3.75	5.03	4.92	56.86
% of Normal	223%	101%	118%	149%	103%	80%	186%	115%	58%	12%	94%	165%	121%
Departure	6.62	0.05	0.91	2.49	0.15	-0.87	3.97	0.53	-1.75	-3.29	-0.30	3.18	11.69

Holly Tree, AL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	10.50	3.88	6.66	5.76	5.51	6.15	8.67	5.11	3.53	0.92	4.31	7.73	68.73

Huntland	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	8.60	2.17	5.17	3.55	4.97	6.25	8.56	4.84	3.83	0.74	3.95	7.15	59.78

Huntsville Airport	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	8.59	3.29	5.55	5.09	6.60	2.21	10.72	1.81	4.35	0.67	3.07	6.57	58.52
Normal	4.89	4.84	5.21	4.32	5.11	4.29	4.05	3.61	3.72	3.59	4.94	5.77	54.34
% of Normal	176%	68%	107%	118%	129%	52%	265%	50%	117%	19%	62%	114%	108%
Departure	3.70	-1.55	0.34	0.77	1.49	-2.08	6.67	-1.80	0.63	-2.92	-1.87	0.80	4.18

Ider	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	10.30	4.68	5.67	7.12	5.45	4.89	9.46	4.94	2.23	0.42	4.75	7.63	67.54

Lynchburg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	7.83	2.42	4.32	10.13	4.90	5.98	9.98	4.33	2.45	1.83	4.30	7.00	65.47
Normal	4.58	4.47	5.17	4.64	5.52	4.79	4.34	3.78	4.38	3.20	4.90	6.24	56.01
% of Normal	171%	54%	84%	218%	89%	125%	230%	115%	56%	57%	88%	112%	117%
Departure	3.25	-2.05	-0.85	5.49	-0.62	1.19	5.64	0.55	-1.93	-1.37	-0.60	0.76	9.46

Madison (2N)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	9.32	3.12	6.89	4.65	6.88	5.61	11.61	6.00	5.54	1.04	3.53	6.43	70.62

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### PRECIPITATION -- Page 3

Moulton	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	8.69	3.38	5.61	5.68	4.93	5.89	16.24	7.18	3.28	1.17	4.03	6.69	72.77
Normal	5.18	5.28	5.11	4.61	5.65	4.40	4.34	3.66	3.86	3.92	5.12	6.03	57.16
% of Normal	168%	64%	110%	123%	87%	134%	374%	196%	85%	30%	79%	111%	127%
Departure	3.51	-1.90	0.50	1.07	-0.72	1.49	11.90	3.52	-0.58	-2.75	-1.09	0.66	15.61

Muscle Shoals Wtr Treatment Plant	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	9.99	3.09	4.68	5.63	4.68	5.24	7.20	4.16	2.92	1.79	4.02	5.56	58.96

MSL Airport	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	8.75	2.76	4.77	4.50	4.14	4.30	2.61	5.70	2.46	1.81	2.96	4.77	49.53
Normal	4.61	4.66	4.76	4.35	5.12	4.76	4.30	3.15	3.72	3.43	4.66	5.68	53.20
% of Normal	190%	59%	100%	103%	81%	90%	61%	181%	66%	53%	64%	84%	93%
Departure	4.14	-1.90	0.01	0.15	-0.98	-0.46	-1.69	2.55	-1.26	-1.62	-1.70	-0.91	-3.67

Owens Crossrds.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	10.54	4.81	5.24	4.97	7.29	6.60	7.88	7.61	5.58	0.79	3.82	7.50	72.63
Normal	5.38	5.13	5.22	4.23	4.98	4.57	4.64	3.50	4.18	3.57	4.86	5.56	55.82
% of Normal	196%	94%	100%	117%	146%	144%	170%	217%	133%	22%	79%	135%	130%
Departure	5.16	-0.32	0.02	0.74	2.31	2.03	3.24	4.11	1.40	-2.78	-1.04	1.94	16.81

Russell Cave NM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	10.67	3.19	4.90	8.05	5.18	8.70	12.04	5.32	4.75	1.25	3.63	8.48	76.16
Normal	5.97	5.52	5.26	4.95	5.05	4.57	5.62	3.84	4.52	3.60	5.38	5.83	60.11
% of Normal	179%	58%	93%	163%	103%	190%	214%	139%	105%	35%	67%	145%	127%
Departure	4.70	-2.33	-0.36	3.10	0.13	4.13	6.42	1.48	0.23	-2.35	-1.75	2.65	16.05

Russellville	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	5.43	2.46	5.73	6.44	5.27	3.94	10.11	0.62	3.51				43.51
Normal	4.92	5.22	4.75	4.90	6.00	3.87	4.86	3.74	3.87	3.63	4.93	5.93	56.62
% of Normal	110%	47%	121%	131%	88%	102%	208%	17%	91%				103%
Departure	0.51	-2.76	0.98	1.54	-0.73	0.07	5.25	-3.12	-0.36				1.38

Scottsboro	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	10.04	4.69	5.46	5.47	4.70	6.64	7.96	3.15	3.24	0.58	4.34	8.60	64.87
Normal	5.58	5.37	5.13	4.41	5.03	3.99	4.72	4.21	4.17	3.44	5.17	5.72	56.94
% of Normal	180%	87%	106%	124%	93%	166%	169%	75%	78%	17%	84%	150%	114%
Departure	4.46	-0.68	0.33	1.06	-0.33	2.65	3.24	-1.06	-0.93	-2.86	-0.83	2.88	7.93

Sewanee	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	9.76	2.27	5.15	13.25	4.71	7.88	8.25	3.68	3.10	0.82	2.14	7.86	68.87
Normal	4.64	4.89	5.14	4.78	5.03	5.06	5.10	3.25	4.66	3.66	5.40	5.94	57.55
% of Normal	210%	46%	100%	277%	94%	156%	162%	113%	67%	22%	40%	132%	120%
Departure	5.12	-2.62	0.01	8.47	-0.32	2.82	3.15	0.43	-1.56	-2.84	-3.26	1.92	11.32

Southwest Huntsville	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	M	M	M	4.95	6.59	2.56	8.37	4.30	4.18	0.62	3.16	7.64	42.37

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Valley Head	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	11.16	4.89	5.41	M	M	M	5.12	7.51	3.02	0.16	5.68	10.49	53.44
Normal	5.44	5.53	5.04	4.54	4.65	4.13	5.22	3.52	4.42	3.43	4.99	5.06	55.97
% of Normal	205%	88%	107%	#VALUE!	#VALUE!	#VALUE!	98%	213%	68%	5%	114%	207%	105%
Departure	5.72	-0.64	0.37	#VALUE!	#VALUE!	#VALUE!	-0.10	3.99	-1.40	-3.27	0.69	5.43	2.44

West Point	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	11.12	5.18	5.17	5.55	5.67	2.92	8.48	2.74	4.23	1.06	3.77	5.08	60.97
Normal	5.47	5.13	5.49	4.41	6.44	4.73	5.12	3.51	4.05	3.79	5.03	5.36	58.53
% of Normal	203%	101%	94%	126%	88%	62%	166%	78%	104%	28%	75%	95%	104%
Departure	5.65	0.05	-0.32	1.14	-0.77	-1.81	3.36	-0.77	0.18	-2.73	-1.26	-0.28	2.44

Wheeler Wildlife Refuge	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	9.03	3.91	5.17	6.76	5.90	2.85	11.50	3.94	7.21	0.11	3.39	6.96	66.73

Winchester	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013
Total	10.14	1.69	4.93	8.09	4.49	7.84	8.21	4.79	3.18	0.75	3.92	5.77	63.80
Normal	4.36	4.51	5.23	4.27	4.84	4.53	4.33	3.04	4.15	3.18	4.93	5.53	52.90
% of Normal	233%	37%	94%	189%	93%	173%	190%	158%	77%	24%	80%	104%	121%
Departure	5.78	-2.82	-0.30	3.82	-0.35	3.31	3.88	1.75	-0.97	-2.43	-1.01	0.24	10.90