

ERA22FA368

METEOROLOGY

Specialist's Factual Report - Attachment 1

KMGW ASOS 1-min and 5-min data

October 4, 2022

5-min observationAdded Comments

08/11/22 16:30:31 5-MIN KMGW 112130Z 10SM SCT049 BKN100 27/16 A3003 1150
50 2900 M /M RMK AO2 T02720161

08/11/22 16:35:31 5-MIN KMGW 112135Z 35014G20KT 10SM BKN049 BKN090 24/18 Outflow winds G20KT or Front
A3003 1150 66 2500 360/14G20 RMK AO2 T02440178

08/11/22 16:40:31 5-MIN KMGW 112140Z 36013G20KT 10SM BKN049 BKN060 23/18
A3003 1140 70 2400 010/13G20 RMK AO2 T02330178

08/11/22 16:45:31 5-MIN KMGW 112145Z 36009G20KT 10SM BKN055 23/18 A3004
1140 70 2400 010/09G20 RMK AO2 T02330178

08/11/22 16:50:31 5-MIN KMGW 112150Z 36009KT 10SM SCT047 OVC055 23/18
A3004 1140 73 2300 010/09 RMK AO2 SLP163 T02280178

08/11/22 16:55:31 5-MIN KMGW 112155Z 02007G16KT 6SM -RA BR BKN033 OVC060 -R
23/18 A3003 1140 73 2300 030/07G16 RMK AO2 LTG DSNT W P0000 T02280178

08/11/22 17:00:31 5-MIN KMGW 112200Z 02007G16KT 6SM -RA BR BKN033 OVC060 -R
22/18 A3004 1140 75 2300 030/07G16 RMK AO2 LTG DSNT W P0000 T02220178

08/11/22 17:05:31 5-MIN KMGW 112205Z 02007G16KT 6SM -RA BR BKN033 OVC060 +R
21/18 A3004 1140 81 2100 030/07G16 RMK AO2 LTG DSNT W TSB04E05 P0004
T02110178

ACCIDNET 2206Z

08/11/22 17:10:31 5-MIN KMGW 112210Z 02007G16KT 6SM -RA BR BKN033 OVC060 +R
21/18 A3004 1130 87 2100 030/07G16 RMK AO2 LTG DSNT W TSB04E05 P0009
T02060183

08/11/22 17:15:31 5-MIN KMGW 112215Z 02007G16KT 6SM -RA BR BKN033 OVC060 +R
20/18 A3004 1130 90 2000 030/07G16 RMK AO2 LTG DSNT W TSB04E05 P0015
T02000183

08/11/22 17:20:31 5-MIN KMGW 112220Z 02007G16KT 6SM -RA BR BKN033 OVC060 R
21/19 A3004 1130 90 2100 030/07G16 RMK AO2 TSB04E05 P0017 T02060189

08/11/22 17:25:31 5-MIN KMGW 112225Z 02007G16KT 6SM -RA BR BKN033 OVC060 -R
21/19 A3004 1130 90 2100 030/07G16 RMK AO2 LTG DSNT W TSB04E05 P0018
T02060189

08/11/22 17:30:31 5-MIN KMGW 112230Z 02007G16KT 6SM -RA BR BKN033 OVC060 -R
21/19 A3004 1140 90 2100 030/07G16 RMK AO2 LTG DSNT W TSB04E05 P0019
T02060189

08/11/22 17:35:31 5-MIN KMGW 112235Z 02007G16KT 6SM -RA BR BKN033 OVC060 -R
21/19 A3004 1140 90 2100 030/07G16 RMK AO2 LTG DSNT W TSB04E05 P0019
T02060189

08/11/22 17:40:31 5-MIN KMGW 112240Z 02007G16KT 6SM -RA BR BKN033 OVC060 -R
 21/19 A3004 1140 93 2100 030/07G16 RMK AO2 LTG DSNT W TSB04E05 P0019
 T02060194

08/11/22 17:45:31 5-MIN KMGW 112245Z 02007G16KT 6SM -RA BR BKN033 OVC060 -R
 21/19 A3004 1140 90 2100 030/07G16 RMK AO2 LTG DSNT E TSB04E05 P0019
 T02060189

08/11/22 17:50:31 5-MIN KMGW 112250Z 02007G16KT 6SM -RA BR BKN033 OVC060 -R 0.19"
 21/19 A3004 1140 93 2100 030/07G16 RMK AO2 LTG DSNT E AND W TSB04E05 SLP165
 P0019 T02060194

08/11/22 17:55:31 5-MIN KMGW 112255Z 20005KT 8SM BR SCT047 SCT055 OVC090 Wind shift
 21/19 A3004 1140 90 2100 210/05 RMK AO2 LTG DSNT E AND W T02060189

08/11/22 18:00:31 5-MIN KMGW 112300Z 19004KT 8SM BR FEW047 SCT055 OVC090
 20/19 A3004 1140 93 2000 200/04 RMK AO2 LTG DSNT E AND W T02000189

- Rainfall reported on right based on FMH-1 reporting criteria for rainfall rate during the period.

1-min Data

ID	Station Name	Date	Time (UTC)	Wind Gust	VIS coeff	ptype prec
MGW MORGANTOWN/HART FLD	2022-08-11	21:30			0.113 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:31			0.126 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:32			0.101 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:33			0.091 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:34	14 339 335 20		0.089 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:35	14 348 343 17		0.083 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:36	15 353 358 20		0.078 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:37	15 355 006 18		0.083 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:38	14 357 347 16		0.083 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:39	13 357 353 16		0.08 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:40	13 356 355 15		0.083 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:41	12 352 336 15		0.08 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:42	11 354 347 14		0.079 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:43	11 002 004 12		0.077 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:44	9 003 348 14		0.082 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:45	9 004 013 13		0.081 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:46	9 001 355 12		0.082 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:47	10 355 357 15		0.079 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:48	12 353 351 16		0.08 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:49	11 355 003 12		0.08 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:50	9 357 352 12		0.081 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:51	9 358 005 12		0.082 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:52	8 005 012 10		0.079 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:53	7 008 344 9		0.081 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:54	7 010 012 10		0.082 D	M 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:55	6 013 027 9		0.092 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:56	8 018 032 12		0.085 D	NP 0
MGW MORGANTOWN/HART FLD	2022-08-11	21:57	10 016 007 15		0.093 D	? 0

MGW MORGANTOWN/HART FLD 2022-08-11 21:58	10 010 008 12	0.128 D	?0 0
MGW MORGANTOWN/HART FLD 2022-08-11 21:59	10 009 025 12	0.158 D	?1 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:00	9 008 003 12	0.222 D	P 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:01	8 009 002 10	0.57 D	P 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:02	7 010 005 10	1.013 D	R 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:03	7 023 016 9	0.946 D	R+ 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:04	8 038 054 10	0.896 D	R+ 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:05	7 038 044 8	0.722 D	R 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:06	7 030 026 10	0.697 D	R 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:07	8 024 023 9	0.903 D	R 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:08	7 028 016 8	1.246 D	R 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:09	5 036 029 7	1.552 D	R+ 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:10	4 024 020 5	1.688 D	R+ 0.02
MGW MORGANTOWN/HART FLD 2022-08-11 22:11	4 001 347 7	1.758 D	R+ 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:12	4 002 003 5	2.259 D	R+ 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:13	3 029 044 3	2.425 D	R+ 0.02
MGW MORGANTOWN/HART FLD 2022-08-11 22:14	2 043 055 2	1.849 D	R+ 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:15	1 050 059 2	2.034 D	R+ 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:16	1 059 027 2	2.172 D	R+ 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:17	1 041 062 2	1.585 D	R+ 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:18	2 077 126 2	0.961 D	R+ 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:19	2 116 069 2	0.858 D	R 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:20	2 102 122 2	0.711 D	R 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:21	2 090 084 5	0.713 D	R 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:22	3 084 070 4	0.676 D	R 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:23	3 091 101 4	0.534 D	R 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:24	3 094 100 4	0.441 D	R- 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:25	3 093 078 4	0.624 D	R- 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:26	3 089 092 4	0.863 D	R- 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:27	3 093 080 8	0.731 D	R 0.01
MGW MORGANTOWN/HART FLD 2022-08-11 22:28	3 102 093 4	0.518 D	R 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:29	3 102 101 4	0.359 D	R- 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:30	4 105 126 4	0.259 D	P 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:31	3 109 110 4	0.204 D	?1 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:32	3 111 111 5	0.202 D	NP 0
MGW MORGANTOWN/HART FLD 2022-08-11 22:33	3 111 121 4	0.212 D	NP 0

- Unaltered rainfall rate intensities detected by ASOS