

National Transportation Safety Board

Office of Aviation Safety
Central Region



CEN21FA220

METEOROLOGICAL DATA

ACCIDENT

Location: St. Louis, Michigan
Date: May 17, 2021
Time: 1308 eastern daylight time (1708 UTC)
Airplane: Cessna 182H; Registration No. N2430X

METEOROLOGICAL DATA

Weather Station

Mount Pleasant Municipal Airport (KMOP)
Mount Pleasant, Michigan, USA
43.6216389° North Latitude
84.7373056° West Longitude
754.7 ft mean sea level (airport field elevation)

Distance To Accident Site: 10.5 nautical miles
Direction To Accident Site: 127° True

Meteorological Aerodrome Report (METAR)

METAR KMOP 171555Z AUTO 18003KT 10SM CLR 22/10 A3023 RMK AO2 T02200095=

METAR KMOP 171615Z AUTO 19005KT 10SM CLR 23/09 A3022 RMK AO2 T02290092=

METAR KMOP 171635Z AUTO 17009KT 10SM SCT055 23/09 A3022 RMK AO2
T02330089=

METAR KMOP 171655Z AUTO 20005KT 10SM BKN055 23/09 A3022 RMK AO2
T02310085=

--- Accident Occurred at 1708 UTC (1308 EDT) ---

METAR KMOP 171715Z AUTO 21005KT 10SM SCT055 SCT075 24/08 A3021 RMK AO2
T02370081=

METAR KMOP 171735Z AUTO 18005KT 10SM SCT065 24/08 A3021 RMK AO2
T02420080=

METAR KMOP 171755Z AUTO 21005KT 10SM SCT065 24/08 A3021 RMK AO2 T02390075
10248 20102

High-Resolution Rapid Refresh (HRRR) Atmosphere Model (1700 UTC)

PRESSURE_hPa	HEIGHT_MSL_Meters	TEMP_C	DEWPOINT_C	WIND_DIR_DEG	WIND_SPEED_MPS
997	208	23.4	1.0	201.5	2.2
996	217	22.2	4.8	200.9	2.1
993	243	21.5	5.5	200.2	2.4
987	292	20.9	4.4	201.2	2.5
979	368	20.0	4.2	200.5	2.6
964	493	18.6	3.9	200.2	2.8
947	647	17.0	3.5	200.1	3.0
926	836	15.1	3.0	198.5	3.2
902	1055	13.0	2.2	198.3	3.4
877	1289	10.7	0.3	197.0	3.5
849	1556	8.2	-0.7	196.5	3.8
819	1860	5.5	-1.6	197.2	4.0
785	2202	2.5	-3.4	198.7	3.9
748	2589	0.4	-10.5	213.7	3.2
709	3017	-0.5	-27.8	278.1	1.5