

Fox Todd

From: Fox Todd
Sent: Monday, August 18, 2014 12:46 PM
To: Eick Donald
Cc: Fox Todd
Subject: RE: CEN14LA406 -- Wind Data Request

Importance: High

Mr. Eick,

Thank you for your prompt reply.

I will include this weather and wind data with the docket material associated with CEN14LA406.

Sincerely,
Andrew Todd Fox
NTSB, Air Safety Investigator

From: Eick Donald
Sent: Monday, August 18, 2014 12:39 PM
To: Fox Todd
Subject: CEN14LA406 -- Wind Data Request

Manistee County-Blacker Airport (KMBL), Manistee, Michigan had an Automated weather Observation System (AWOS) and reported a 6° West magnetic variation. The AWOS system at KMBL reported a system failure on August 5th from 0655Z through August 8th at 1655Z where no data was transmitted.

A review of the NWS Surface Analysis Chart for 1800Z depicted a low pressure system over Illinois at 1016-hectopascals (hPa) with a cold front extending east-to-west over Illinois, Indiana, Ohio, and then into Pennsylvania and New York, with a high pressure system over Wisconsin at 1023-hPa to the northwest. The resultant pressure gradient indicated light northwest to westerly winds over the region at approximately 10 knots.

A TAF for KMBL was still current at the time and was as follows: **expected wind NNW 350° at 7 knots**

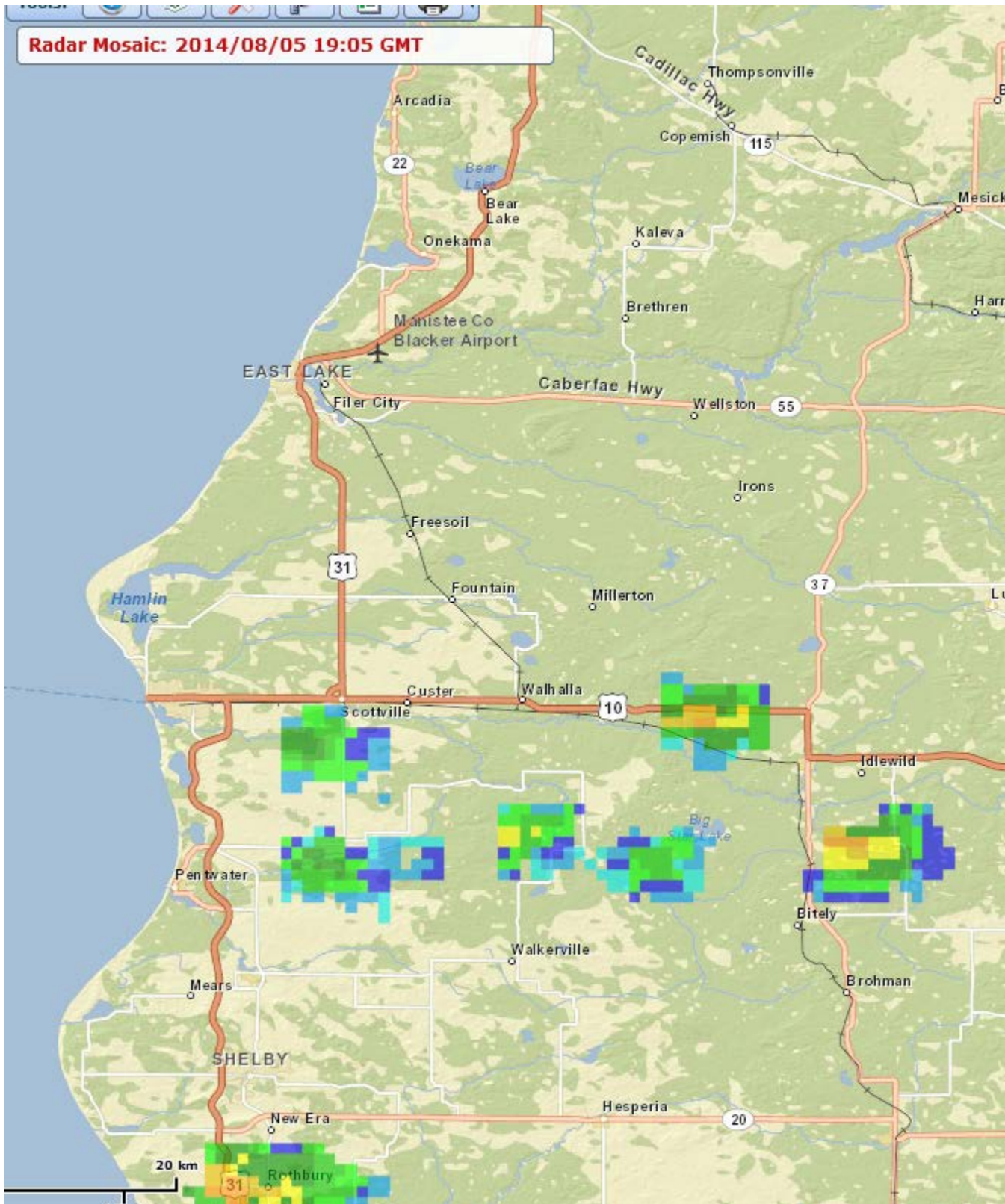
TAF KMBL 051720Z 0518/0618 **35007KT** P6SM SCT040
FM060000 00000KT P6SM SKC
FM060800 10003KT 4SM MIFG SKC
FM061300 02006KT P6SM SKC AMD LTD TO CLD VIS AND WIND=

Mason County Airport (KLDL), Ludington, Michigan was located 19 miles south at an elevation of 646 feet msl and a magnetic variation of 3° West and also had an AWOS which reported the following condition:

METAR KLDL 051755Z AUTO 00000KT 7SM SCT039 OVC065 25/16 A3007 RMK AO2 T02510160 10251 20166=
METAR KLDL 051815Z AUTO 32005KT 10SM SCT039 SCT045 BKN050 25/18 A3007 RMK AO2 T02450175=
METAR KLDL 051834Z AUTO 31008G14KT 10SM BKN045 OVC050 25/17 A3007 RMK AO2 T02500172=
METAR KLDL 051855Z AUTO 30009KT 10SM SCT040 SCT045 BKN060 24/16 A3007 RMK AO2 T02380163=
METAR KLDL 051915Z AUTO 31007KT 10SM SCT038 SCT045 BKN095 24/16 A3007 RMK AO2 T02370158=

METAR KLDM 051955Z AUTO 34010KT 10SM OVC095 24/15 A3007 RMK AO2 T02360152

the vicinity of the departure airport at the time. So no convective outflows influenced the local wind field.



Advise if you need anything else.

Don

From: Fox Todd
Sent: Monday, August 18, 2014 11:55 AM
To: Eick Donald
Cc: Fox Todd
Subject: CEN14LA406 -- Wind Data Request
Importance: High

Mr. Eick,

Could you please obtain any available surface wind data for locations near Manistee County-Blacker Airport (KMBL) on 05 August 2014 between 1800 and 2000 UTC (1400-1600 EDT)?

According to my on-line research, apparently when the takeoff accident occurred, between 1905-1910 UTC (1505-1510 EDT), there were no METARS recorded at KMBL.

The airplane was departing on runway 19 (2,721 feet by 75 feet, asphalt) when the accident occurred.

I am not looking for a formal group-chairman report, just simply some raw wind data sent via email.

Please advise when able.

Sincerely,
Andrew Todd Fox
NTSB, Air Safety Investigator