National Transportation Safety Board

Office of Aviation Safety
Washington, D.C. 20594-2000
April 2, 2012

ATTACHMENT 4 to the METEOROLOGICAL FACTUAL REPORT
ANC12IA024

A shift log for March 5 from the Weather Forecast Office in Anchorage, Alaska:

Weather AER_Coord | 04:39 UTC | 2012-03-05 | Reply

eddiez[eddiez] : Models doing alright in the 1st 24 to 48 hours. Past 60 hours ECMWF was the only usable model. GFS is too strong and far to the west...and I don't even want to guess at what the NAM was doing at 84 hours in the Gulf. Looks like the Snow in on track for today and tonight. Bufkit wants to put some hefty snow amounts in Talkeetna. I bit off on that some and upper the snow amounts in zone 145...but not to advisory levels.

Spotter Log | 18:30 UTC | 2012-03-04 | Reply

bobc[bob.clay@noaa.gov] : Allen Crawford Homer 8 NW

high/low 19/10
New snow 3.2" since 9am
Snow Depth 62"

Current conditions
light winds. temp 15f.

Weather AER_Coord | 15:58 UTC | 2012-03-05 | Reply

chrisc[christianc] : Lowered snow accumulations just a touch for tonight for Anchorage (1-3 instead of 2-3). Pronounced dry slot and warming aloft near 700 mb will present some problems with p-type potentially...as the saturation layer warms to near or above -10 Celsius. Since Bethel, Dillingham, and King Salmon all reported freezing drizzle with this feature, decided to include it in the 101, 111, and 121 forecasts for tonight along with the snow.

Models are in decent agreement for the first two to three periods. Models are all over the place past then. Compromised with Juneau and used a GFS/GEMGlbl blend (but heavier towards the GFS) in handling the low moving north from the North Pacific. Confidence is low in this solution, however.

FYI: The transition from the short term into the long term grids is in horrible condition due to the problems mentioned above in handling the low and the large changes from run to run attm.

Spotter Log | 10:38 UTC | 2012-03-05 | Reply

seb[seb] : Relayed via WSO King Salmon: 6" snow from this storm in Dillingham and still snowing.

Weather AER_Coord | 07:35 UTC | 2012-03-06 | Reply

andyb[andrew.brown] : Dave Stricklan reported 4.8 inches of new snow

"still snowing"

Spotter Log | 07:27 UTC | 2012-03-06 | Reply

andyb[andrew.brown] : Jeff Osiensky reported 5 inches overnight and still snowing moderately (about an inch per hour)

Snow ended at the Knik River bridge...freezing drizzle all the way into town

Spotter | 06:31 UTC | 2012-03-06 | Reply

marybeths[marybeths] : Carven Scott reports at least 6" of new snow overnight and 84 to 85 inches snow depth in Girdwood.

PANC AA 2012-03-06 0753Z FEW006 BKN011 OVC019 2 ZL-F 15 12 010 03 980 88 15

PANC AA 2012-03-06 0853Z SCT006 BKN011 OVC019 1 1/2 ZL-F 16 12 000 00 979 84 16

PANC AP 2012-03-06 0944Z FEW006 SCT011 1 S-F 16 12 000 00 980 84 16

PANC AA 2012-03-06 0953Z FEW006 SCT011 1 S-F 16 13 000 00 980 88 16

PANC AA 2012-03-06 1053Z FEW008 OVC018 1 S-F 16 12 000 00 981 84 16

PANC AP 2012-03-06 1136Z FEW008 OVC018 2 S-F 16 12 000 00 982 84 16

PANC AA 2012-03-06 1153Z FEW008 BKN015 OVC030 3 S-F 16 12 000 00 982 84 16

PANC AA 2012-03-06 1253Z FEW008 BKN015 OVC030 2 1/2 ZL-F 16 13 160 03 980 88 16

PANC AA 2012-03-06 1353Z FEW008 BKN013 OVC030 2 ZL-F 17 14 000 00 979 88 17

PANC AA 2012-03-06 1453Z FEW008 BKN013 OVC020 2 1/2 ZL-F 18 15 150 04 979 88 11

PANC AA 2012-03-06 1553Z FEW008 BKN013 OVC020 2 1/2 ZL-F 19 16 340 05 979 88 11

PALH AA 2012-03-06 0753Z OVC013 3 ZR- 16 11 360 03 982 80 16

PALH AP 2012-03-06 0823Z FEW007 OVC013 3 ZR-F 18 12 000 00 980 77 18

PALH AP 2012-03-06 0838Z SCT007 OVC013 2 1/2 S-F 18 12 010 03 980 77 18

PALH AA 2012-03-06 0853Z FEW007 OVC013 1 1/2 S- 17 12 020 03 981 80 17

PALH AP 2012-03-06 0910Z OVC015 1 S-F 18 12 000 00 981 77 18

PALH AA 2012-03-06 0953Z OVC017 1 1/4 S- 18 13 000 00 981 80 18

PALH AA 2012-03-06 1053Z BKN019 OVC028 1 1/2 S- 17 12 000 00 982 80 17

PALH AP 2012-03-06 1112Z BKN023 OVC028 2 S- 18 12 000 00 984 77 18

PALH AP 2012-03-06 1126Z BKN023 OVC028 4 S- 18 12 000 00 984 77 18

PALH AA 2012-03-06 1153Z OVC015 8 P 18 13 000 00 984 80 18

PALH AP 2012-03-06 1206Z OVC013 10 18 12 000 00 984 77 18

PALH AA 2012-03-06 1253Z OVC011 3 S-F 18 14 000 00 982 84 18

PALH AP 2012-03-06 1322Z OVC011 2 1/2 H 19 14 000 00 981 80 19

PALH AP 2012-03-06 1336Z OVC011 2 1/2 ZR-F 19 16 000 00 981 88 19

PALH AP 2012-03-06 1346Z OVC011 3 ZR-F 19 16 000 00 981 88 19

PALH AA 2012-03-06 1353Z OVC011 3 ZR- 20 15 000 00 981 81 20

PALH AP 2012-03-06 1409Z OVC011 2 1/2 ZR-F 19 16 000 00 981 88 19

PALH AA 2012-03-06 1453Z OVC011 2 1/2 ZR-F 21 17 000 00 980 84 21

PAMR AP 2012-03-06 0750Z FEW009 BKN020 OVC040 7 ZL- 16 10 330 03 980 77 16

PAMR AA 2012-03-06 0753Z FEW009 BKN020 OVC040 6 ZL-F 15 12 000 00 980 88 15

PAMR AP 2012-03-06 0847Z FEW008 BKN015 OVC036 2 1/2 S-F 16 12 000 00 979 84 16

PAMR AA 2012-03-06 0848Z FEW008 BKN015 OVC036 2 1/2 S-F 15 12 330 03 979 88 15

PAMR AA 2012-03-06 0853Z OVC015 2 1/2 S-F 15 12 330 03 979 88 15

PAMR AP 2012-03-06 0909Z OVC015 1 3/4 S-F 16 12 000 00 980 84 16

PAMR AA 2012-03-06 0953Z OVC017 1 1/4 S-F 16 12 000 00 980 84 16

PAMR AA 2012-03-06 1053Z OVC016 1 S-F 16 12 000 00 981 84 16

PAMR AP 2012-03-06 1138Z OVC022 2 1/2 S-F 16 12 190 03 983 84 16

PAMR AA 2012-03-06 1153Z BKN020 OVC026 2 1/2 S-F 16 13 000 00 982 88 16

PAMR AP 2012-03-06 1159Z BKN015 OVC022 4 S-F 16 12 000 00 982 84 16

PAMR AP 2012-03-06 1216Z OVC013 9 16 12 000 00 982 84 16

PAMR AA 2012-03-06 1253Z OVC013 4 ZL-F 16 13 000 00 980 88 16

PAMR AP 2012-03-06 1259Z OVC011 1 1/2 S-F 18 14 000 00 980 84 18

PAMR AP 2012-03-06 1308Z OVC011 2 ZL-F 18 14 000 00 980 84 18

PAMR AP 2012-03-06 1345Z FEW004 OVC013 2 ZL-F 18 16 310 03 979 92 18

PAMR AA 2012-03-06 1353Z SCT004 OVC013 2 ZL-F 18 15 000 00 979 88 18

PAMR AP 2012-03-06 1417Z SCT004 OVC013 2 ZL-F 18 16 000 00 979 92 18

PAMR AP 2012-03-06 1419Z BKN004 OVC013 2 ZL-F 18 16 060 03 979 92 18

PAMR AP 2012-03-06 1428Z SCT004 OVC013 2 ZL-F 18 16 090 03 979 92 18

PAMR AA 2012-03-06 1453Z OVC011 2 ZL-F 18 16 000 00 979 92 18

PAMR AP 2012-03-06 1504Z SCT009 OVC013 2 ZL-F 18 16 000 00 979 92 18

PAMR AP 2012-03-06 1514Z BKN009 OVC013 2 ZL-F 19 18 000 00 979 96 19

PAMR AP 2012-03-06 1543Z BKN006 OVC009 1 1/2 ZL-F 19 18 350 04 980 96 12

PAMR AA 2012-03-06 1553Z OVC006 1 ZL-F 19 17 020 04 979 92 12

PAMR AP 2012-03-06 1600Z OVC004 2 1/2 ZL-F 19 18 360 04 979 96 12

PAMR AA 2012-03-06 1653Z SCT004 BKN008 OVC016 2 1/2 ZL-F 18 16 000 00 980 92 18

PAMR AP 2012-03-06 1655Z SCT004 SCT008 OVC016 2 1/2 ZL-F 18 16 000 00 980 92 18

PAMR AP 2012-03-06 1704Z FEW004 BKN008 OVC016 2 1/2 ZL-F 19 16 000 00 980 88 19

PAMR AP 2012-03-06 1733Z OVC006 6 ZL-F 19 18 000 00 981 96 19

PAMR AA 2012-03-06 1753Z OVC006 9 ZL- 19 16 000 00 982 88 19

PAMR AP 2012-03-06 1848Z OVC010 2 1/2 ZL-F 19 18 000 00 983 96 19

PAMR AA 2012-03-06 1853Z OVC010 9 ZL- 20 17 000 00 983 88 20

PAMR AA 2012-03-06 1953Z OVC010 9 ZL- 20 17 000 03 984 88 20