

Public-data File 88-27

WIND DATA FROM POINT MACKENZIE WIND STATION, 1984

By

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Alaska Division of  
Geological and Geophysical Surveys

February 1988

THIS REPORT HAS NOT BEEN REVIEWED FOR  
TECHNICAL CONTENT (EXCEPT AS NOTED IN  
TEXT) OR FOR CONFORMITY TO THE  
EDITORIAL STANDARDS OF DGGS.

794 University Avenue, Suite 200  
Fairbanks, Alaska 99709-3645

## SITE LOCATION:

TYONEK B-1, ALASKA, T15N R4W NE1/4 SW1/4 SE1/4 SECTION 17.

## SITE ELEVATION:

280 FEET ABOVE MEAN SEA LEVEL.

## SITE DESCRIPTION:

THE WIND SENSOR IS LOCATED ATOP A 36 FT HIGH STEEL TOWER NEAR THE WESTERN MARGIN OF A LARGE LEVEL FIELD USED AS A TEST PLOT FOR VARIOUS GRASSES AND VEGETABLES. TREES OF UP TO 30 FT IN HEIGHT ARE LOCATED AT A DISTANCE OF AT LEAST 300 FT TO THE WEST AND AT GREATER DISTANCES IN OTHER DIRECTIONS. A TWO LANE ROAD WITH WIDE SHOULDERS SKIRTS THE WESTERN EDGE OF THE FIELD. SEVERAL STORAGE BARNs STAND IN THE FAR NORTHEASTERN CORNER OF THE FIELD.

## EQUIPMENT LIST:

- 1) A TELEX COMMUNICATIONS 36 FT HIGH CRANK-UP STEEL TOWER, #HG-33MT2.
- 2) A WEATHERTRONICS STRATAVANE WIND SENSOR, #2102 OR #2112.
- 3) AN OMNIDATA DATAPOD DIGITAL TWO CHANNEL DATA-LOGGER, #DP214.

## OPERATION:

THE SENSOR OPERATES CONTINUOUSLY WITH A WIND SENSING THRESHOLD OF 3MPH. THE RECORDER SAMPLES THE WIND AT 5 MINUTE INTERVALS AND RECORDS THE AVERAGE AND MAXIMUM WIND SPEEDS AND DIRECTIONS AT 4 HOUR INTERVALS. THE DATA IS STORED ELECTRONICALLY ON A DIGITAL EPROM CHIP WITH A RESOLUTION OF .22 MPH. THE CHIP IS RETRIEVED EVERY THREE MONTHS BY DGGS PERSONNEL AND PROCESSED ON A DATA GENERAL MV8000 COMPUTER USING FORTRAN AND SAS PROGRAMMING LANGUAGES.

## NOTE:

- 1) ALL ELECTRONIC DATA RECOVERED FROM THE DGGS WIND STATIONS ARE MAGNETICALLY ARCHIVED IN THE ANCHORAGE OFFICE OF DGGS.
- 2) ALL WIND SPEEDS ARE GIVEN IN METERS PER SECOND (M/S).  
1 M/S = 2.237 MILES PER HOUR (MPH).  
ALL WIND DIRECTIONS ARE TAKEN FROM TRUE NORTH ( 0 OR 360 DEGREES ).

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
01JAN84:04:00	2	348	5	0	09JAN84:12:00	2	354	3	0
01JAN84:08:00	2	337	4	326	09JAN84:16:00	2	0	4	0
01JAN84:12:00	2	348	4	343	09JAN84:20:00	3	337	6	331
01JAN84:16:00	3	343	5	320	10JAN84:00:00	3	343	5	196
01JAN84:20:00	3	331	5	275	10JAN84:04:00	3	337	6	320
02JAN84:00:00	3	337	5	320	10JAN84:08:00	3	331	5	343
02JAN84:04:00	4	331	6	320	10JAN84:12:00	3	337	7	326
02JAN84:08:00	3	337	6	303	10JAN84:16:00	4	348	6	0
02JAN84:12:00	4	331	7	286	10JAN84:20:00	2	343	4	11
02JAN84:16:00	4	320	7	326	11JAN84:00:00	2	337	4	343
02JAN84:20:00	3	320	5	286	11JAN84:04:00	3	331	6	326
03JAN84:00:00	2	337	4	0	11JAN84:08:00	2	331	4	343
03JAN84:04:00	1	337	3	320	11JAN84:12:00	2	331	4	28
03JAN84:08:00	0	.	.	.	11JAN84:16:00	2	320	4	0
03JAN84:12:00	0	.	.	.	11JAN84:20:00	2	326	4	320
03JAN84:16:00	0	.	.	.	12JAN84:00:00	2	320	3	298
03JAN84:20:00	0	.	.	.	12JAN84:04:00	2	202	5	196
04JAN84:00:00	0	.	.	.	12JAN84:08:00	2	140	5	208
04JAN84:04:00	0	.	.	.	12JAN84:12:00	3	73	4	73
04JAN84:08:00	0	.	.	.	12JAN84:16:00	3	33	6	28
04JAN84:12:00	0	.	.	.	12JAN84:20:00	2	22	5	33
04JAN84:16:00	1	275	.	.	13JAN84:00:00	2	281	3	309
04JAN84:20:00	0	.	.	.	13JAN84:04:00	2	292	4	298
05JAN84:00:00	3	196	4	219	13JAN84:08:00	2	292	4	275
05JAN84:04:00	2	281	4	16	13JAN84:12:00	2	303	4	286
05JAN84:08:00	3	309	7	320	13JAN84:16:00	2	286	4	309
05JAN84:12:00	4	320	7	320	13JAN84:20:00	2	315	4	354
05JAN84:16:00	1	22	3	0	14JAN84:00:00	2	309	5	326
05JAN84:20:00	0	.	.	.	14JAN84:04:00	1	39	4	45
06JAN84:00:00	0	.	2	67	14JAN84:08:00	1	309	3	236
06JAN84:04:00	2	78	4	73	14JAN84:12:00	0	.	2	281
06JAN84:08:00	2	11	5	67	14JAN84:16:00	1	331	2	320
06JAN84:12:00	2	326	5	320	14JAN84:20:00	1	337	4	0
06JAN84:16:00	2	315	6	343	15JAN84:00:00	0	.	.	.
06JAN84:20:00	1	337	3	343	15JAN84:04:00	1	331	3	112
07JAN84:00:00	1	0	3	331	15JAN84:08:00	1	326	3	16
07JAN84:04:00	1	337	3	331	15JAN84:12:00	0	.	.	.
07JAN84:08:00	2	326	3	348	15JAN84:16:00	0	.	.	.
07JAN84:12:00	2	326	4	343	15JAN84:20:00	0	.	.	.
07JAN84:16:00	2	315	4	320	16JAN84:00:00	0	.	.	.
07JAN84:20:00	2	303	4	326	16JAN84:04:00	0	.	.	.
08JAN84:00:00	2	348	3	0	16JAN84:08:00	0	.	.	.
08JAN84:04:00	2	331	3	270	16JAN84:12:00	0	.	.	.
08JAN84:08:00	2	331	3	303	16JAN84:16:00	0	.	.	.
08JAN84:12:00	0	.	2	5	16JAN84:20:00	0	.	.	.
08JAN84:16:00	1	73	2	348	17JAN84:00:00	0	.	.	.
08JAN84:20:00	1	28	3	343	17JAN84:04:00	0	.	.	.
09JAN84:00:00	2	0	3	0	17JAN84:08:00	0	.	.	.
09JAN84:04:00	1	61	3	90	17JAN84:12:00	0	.	.	.
09JAN84:08:00	1	39	3	22	17JAN84:16:00	0	.	.	.

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
17JAN84:20:00	0	.	.	.	26JAN84:04:00	0	.	.	.
18JAN84:00:00	0	.	.	.	26JAN84:08:00	1	331	3	0
18JAN84:04:00	0	.	.	.	26JAN84:12:00	2	343	6	348
18JAN84:08:00	0	.	.	.	26JAN84:16:00	4	337	8	354
18JAN84:12:00	0	.	.	.	26JAN84:20:00	4	331	7	343
18JAN84:16:00	0	.	.	.	27JAN84:00:00	4	343	6	320
18JAN84:20:00	0	.	.	.	27JAN84:04:00	4	337	7	343
19JAN84:00:00	0	.	.	.	27JAN84:08:00	4	337	8	320
19JAN84:04:00	0	.	.	.	27JAN84:12:00	2	309	5	0
19JAN84:08:00	0	.	.	.	27JAN84:16:00	1	106	4	61
19JAN84:12:00	0	.	.	.	27JAN84:20:00	2	61	5	50
19JAN84:16:00	0	.	.	.	28JAN84:00:00	2	0	3	0
19JAN84:20:00	0	.	.	.	28JAN84:04:00	3	331	5	343
20JAN84:00:00	0	.	.	.	28JAN84:08:00	4	348	6	320
20JAN84:04:00	0	.	.	.	28JAN84:12:00	4	348	6	343
20JAN84:08:00	0	.	.	.	28JAN84:16:00	3	343	6	331
20JAN84:12:00	0	.	.	.	28JAN84:20:00	0	.	.	.
20JAN84:16:00	0	.	.	.	29JAN84:00:00	1	129	2	101
20JAN84:20:00	0	.	.	.	29JAN84:04:00	2	73	4	61
21JAN84:00:00	0	.	.	.	29JAN84:08:00	2	56	3	67
21JAN84:04:00	0	.	.	.	29JAN84:12:00	2	331	4	331
21JAN84:08:00	0	.	.	.	29JAN84:16:00	2	315	5	326
21JAN84:12:00	0	.	.	.	29JAN84:20:00	4	320	7	309
21JAN84:16:00	0	.	.	.	30JAN84:00:00	4	309	9	286
21JAN84:20:00	0	.	.	.	30JAN84:04:00	3	309	6	331
22JAN84:00:00	0	.	.	.	30JAN84:08:00	3	315	5	337
22JAN84:04:00	0	.	.	.	30JAN84:12:00	2	309	4	286
22JAN84:08:00	0	.	.	.	30JAN84:16:00	2	331	4	326
22JAN84:12:00	0	.	.	.	30JAN84:20:00	1	303	3	0
22JAN84:16:00	0	.	.	.	31JAN84:00:00	2	129	5	191
22JAN84:20:00	0	.	.	.	31JAN84:04:00	1	241	2	213
23JAN84:00:00	0	.	.	.	31JAN84:08:00	1	315	3	236
23JAN84:04:00	0	.	.	.	31JAN84:12:00	0	.	2	112
23JAN84:08:00	0	.	.	.	31JAN84:16:00	1	123	3	78
23JAN84:12:00	0	.	.	.	31JAN84:20:00	2	157	5	180
23JAN84:16:00	0	.	.	.	01FEB84:00:00	3	180	5	185
23JAN84:20:00	0	.	.	.	01FEB84:04:00	2	191	4	191
24JAN84:00:00	0	.	.	.	01FEB84:08:00	1	157	4	191
24JAN84:04:00	0	.	.	.	01FEB84:12:00	0	.	3	191
24JAN84:08:00	0	.	.	.	01FEB84:16:00	1	320	2	0
24JAN84:12:00	0	.	.	.	01FEB84:20:00	1	292	.	.
24JAN84:16:00	0	.	.	.	02FEB84:00:00	1	315	2	315
24JAN84:20:00	0	.	.	.	02FEB84:04:00	2	337	4	151
25JAN84:00:00	0	.	.	.	02FEB84:08:00	3	320	7	326
25JAN84:04:00	0	.	.	.	02FEB84:12:00	4	320	8	331
25JAN84:08:00	1	348	5	326	02FEB84:16:00	4	320	8	270
25JAN84:12:00	3	331	5	0	02FEB84:20:00	4	315	7	331
25JAN84:16:00	1	343	3	320	03FEB84:00:00	3	320	6	348
25JAN84:20:00	0	.	.	.	03FEB84:04:00	0	.	.	.
26JAN84:00:00	0	.	.	.	03FEB84:08:00	1	309	3	275

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

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DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
03FEB84:12:00	2	326	4	326	11FEB84:20:00	3	320	5	298
03FEB84:16:00	3	331	5	0	12FEB84:00:00	2	326	4	270
03FEB84:20:00	3	320	7	28	12FEB84:04:00	2	320	4	270
04FEB84:00:00	4	315	7	348	12FEB84:08:00	2	315	4	292
04FEB84:04:00	4	315	6	326	12FEB84:12:00	2	331	5	354
04FEB84:08:00	3	315	5	320	12FEB84:16:00	2	354	4	348
04FEB84:12:00	4	326	6	320	12FEB84:20:00	1	11	2	320
04FEB84:16:00	4	331	8	320	13FEB84:00:00	2	0	4	343
04FEB84:20:00	4	326	8	0	13FEB84:04:00	4	337	6	315
05FEB84:00:00	4	331	5	337	13FEB84:08:00	4	337	6	331
05FEB84:04:00	3	337	5	337	13FEB84:12:00	4	331	6	281
05FEB84:08:00	3	326	5	315	13FEB84:16:00	3	331	6	343
05FEB84:12:00	2	343	5	185	13FEB84:20:00	2	11	3	354
05FEB84:16:00	4	208	7	191	14FEB84:00:00	0	.	.	.
05FEB84:20:00	2	230	5	208	14FEB84:04:00	1	348	3	0
06FEB84:00:00	1	264	5	202	14FEB84:08:00	2	5	4	354
06FEB84:04:00	0	.	.	.	14FEB84:12:00	1	354	2	320
06FEB84:08:00	0	.	.	.	14FEB84:16:00	1	320	3	298
06FEB84:12:00	0	.	3	22	14FEB84:20:00	0	.	.	.
06FEB84:16:00	0	.	.	.	15FEB84:00:00	0	.	.	.
06FEB84:20:00	0	.	.	.	15FEB84:04:00	0	.	.	.
07FEB84:00:00	0	.	.	.	15FEB84:08:00	1	337	3	331
07FEB84:04:00	0	.	.	.	15FEB84:12:00	0	.	.	.
07FEB84:08:00	0	.	.	.	15FEB84:16:00	0	.	.	.
07FEB84:12:00	1	337	3	0	15FEB84:20:00	0	.	2	348
07FEB84:16:00	2	343	5	326	16FEB84:00:00	1	348	.	.
07FEB84:20:00	3	320	6	320	16FEB84:04:00	0	.	.	.
08FEB84:00:00	3	309	4	348	16FEB84:08:00	0	.	.	.
08FEB84:04:00	3	298	6	0	16FEB84:12:00	1	0	3	354
08FEB84:08:00	4	191	6	196	16FEB84:16:00	2	348	4	0
08FEB84:12:00	2	202	4	185	16FEB84:20:00	3	337	7	320
08FEB84:16:00	1	225	2	185	17FEB84:00:00	3	315	5	320
08FEB84:20:00	0	.	.	.	17FEB84:04:00	2	331	6	331
09FEB84:00:00	0	.	2	230	17FEB84:08:00	2	337	4	320
09FEB84:04:00	0	.	.	.	17FEB84:12:00	2	326	5	275
09FEB84:08:00	1	16	2	28	17FEB84:16:00	3	326	8	281
09FEB84:12:00	1	320	2	326	17FEB84:20:00	3	320	5	320
09FEB84:16:00	2	337	4	348	18FEB84:00:00	3	326	5	298
09FEB84:20:00	0	.	.	.	18FEB84:04:00	3	337	6	11
10FEB84:00:00	0	.	.	.	18FEB84:08:00	3	326	6	230
10FEB84:04:00	0	.	.	.	18FEB84:12:00	2	348	3	264
10FEB84:08:00	0	.	.	.	18FEB84:16:00	1	303	3	270
10FEB84:12:00	0	.	.	.	18FEB84:20:00	1	123	3	39
10FEB84:16:00	0	.	.	.	19FEB84:00:00	1	106	3	106
10FEB84:20:00	0	.	.	.	19FEB84:04:00	1	348	2	0
11FEB84:00:00	0	.	.	.	19FEB84:08:00	0	.	2	11
11FEB84:04:00	1	337	2	0	19FEB84:12:00	0	.	.	.
11FEB84:08:00	2	337	7	331	19FEB84:16:00	1	241	3	225
11FEB84:12:00	4	343	6	320	19FEB84:20:00	1	213	2	191
11FEB84:16:00	3	331	5	320	20FEB84:00:00	0	.	.	.

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
20FEB84:04:00	0	.	.	.	28FEB84:12:00	.	.	.	.
20FEB84:08:00	1	286	4	320	28FEB84:16:00	.	.	.	.
20FEB84:12:00	3	303	5	320	28FEB84:20:00	.	.	.	.
20FEB84:16:00	4	315	9	348	29FEB84:00:00	.	.	.	.
20FEB84:20:00	4	326	7	219	29FEB84:04:00	.	.	.	.
21FEB84:00:00	2	337	5	258	29FEB84:08:00	.	.	.	.
21FEB84:04:00	2	326	4	331	29FEB84:12:00	.	.	.	.
21FEB84:08:00	1	286	4	309	29FEB84:16:00	.	.	.	.
21FEB84:12:00	2	303	4	225	29FEB84:20:00	.	.	.	.
21FEB84:16:00	2	348	4	331	01MAR84:00:00	.	.	.	.
21FEB84:20:00	2	348	3	343	01MAR84:04:00	.	.	.	.
22FEB84:00:00	2	331	4	309	01MAR84:08:00	.	.	.	.
22FEB84:04:00	3	337	4	0	01MAR84:12:00	.	.	.	.
22FEB84:08:00	3	331	6	320	01MAR84:16:00	.	.	.	.
22FEB84:12:00	3	320	5	281	01MAR84:20:00	.	.	.	.
22FEB84:16:00	4	315	8	326	02MAR84:00:00	.	.	.	.
22FEB84:20:00	3	320	5	331	02MAR84:04:00	.	.	.	.
23FEB84:00:00	2	320	4	213	02MAR84:08:00	.	.	.	.
23FEB84:04:00	2	337	3	0	02MAR84:12:00	.	.	.	.
23FEB84:08:00	0	.	3	354	02MAR84:16:00	.	.	.	.
23FEB84:12:00	1	56	2	73	02MAR84:20:00	.	.	.	.
23FEB84:16:00	1	95	3	84	03MAR84:00:00	.	.	.	.
23FEB84:20:00	1	135	3	180	03MAR84:04:00	.	.	.	.
24FEB84:00:00	1	78	3	67	03MAR84:08:00	.	.	.	.
24FEB84:04:00	2	78	4	73	03MAR84:12:00	.	.	.	.
24FEB84:08:00	2	45	5	95	03MAR84:16:00	.	.	.	.
24FEB84:12:00	.	.	.	.	03MAR84:20:00	.	.	.	.
24FEB84:16:00	.	.	.	.	04MAR84:00:00	.	.	.	.
24FEB84:20:00	.	.	.	.	04MAR84:04:00	.	.	.	.
25FEB84:00:00	.	.	.	.	04MAR84:08:00	.	.	.	.
25FEB84:04:00	.	.	.	.	04MAR84:12:00	.	.	.	.
25FEB84:08:00	.	.	.	.	04MAR84:16:00	.	.	.	.
25FEB84:12:00	.	.	.	.	04MAR84:20:00	.	.	.	.
25FEB84:16:00	.	.	.	.	05MAR84:00:00	.	.	.	.
25FEB84:20:00	.	.	.	.	05MAR84:04:00	.	.	.	.
26FEB84:00:00	.	.	.	.	05MAR84:08:00	.	.	.	.
26FEB84:04:00	.	.	.	.	05MAR84:12:00	.	.	.	.
26FEB84:08:00	.	.	.	.	05MAR84:16:00	.	.	.	.
26FEB84:12:00	.	.	.	.	05MAR84:20:00	.	.	.	.
26FEB84:16:00	.	.	.	.	06MAR84:00:00	.	.	.	.
26FEB84:20:00	.	.	.	.	06MAR84:04:00	.	.	.	.
27FEB84:00:00	.	.	.	.	06MAR84:08:00	.	.	.	.
27FEB84:04:00	.	.	.	.	06MAR84:12:00	.	.	.	.
27FEB84:08:00	.	.	.	.	06MAR84:16:00	.	.	.	.
27FEB84:12:00	.	.	.	.	06MAR84:20:00	.	.	.	.
27FEB84:16:00	.	.	.	.	07MAR84:00:00	.	.	.	.
27FEB84:20:00	.	.	.	.	07MAR84:04:00	.	.	.	.
28FEB84:00:00	.	.	.	.	07MAR84:08:00	.	.	.	.
28FEB84:04:00	.	.	.	.	07MAR84:12:00	.	.	.	.
28FEB84:08:00	.	.	.	.	07MAR84:16:00	.	.	.	.

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATETIME	AVS	AVD	GUS	GUD	DATETIME	AVS	AVD	GUS	GUD
07MAR84:20:00	.	.	.	.	16MAR84:04:00	.	.	.	.
08MAR84:00:00	.	.	.	.	16MAR84:08:00	.	.	.	.
08MAR84:04:00	.	.	.	.	16MAR84:12:00	.	.	.	.
08MAR84:08:00	.	.	.	.	16MAR84:16:00	.	.	.	.
08MAR84:12:00	.	.	.	.	16MAR84:20:00	.	.	.	.
08MAR84:16:00	.	.	.	.	17MAR84:00:00	.	.	.	.
08MAR84:20:00	.	.	.	.	17MAR84:04:00	.	.	.	.
09MAR84:00:00	.	.	.	.	17MAR84:08:00	.	.	.	.
09MAR84:04:00	.	.	.	.	17MAR84:12:00	.	.	.	.
09MAR84:08:00	.	.	.	.	17MAR84:16:00	.	.	.	.
09MAR84:12:00	.	.	.	.	17MAR84:20:00	.	.	.	.
09MAR84:16:00	.	.	.	.	18MAR84:00:00	.	.	.	.
09MAR84:20:00	.	.	.	.	18MAR84:04:00	.	.	.	.
10MAR84:00:00	.	.	.	.	18MAR84:08:00	.	.	.	.
10MAR84:04:00	.	.	.	.	18MAR84:12:00	.	.	.	.
10MAR84:08:00	.	.	.	.	18MAR84:16:00	.	.	.	.
10MAR84:12:00	.	.	.	.	18MAR84:20:00	.	.	.	.
10MAR84:16:00	.	.	.	.	19MAR84:00:00	.	.	.	.
10MAR84:20:00	.	.	.	.	19MAR84:04:00	.	.	.	.
11MAR84:00:00	.	.	.	.	19MAR84:08:00	.	.	.	.
11MAR84:04:00	.	.	.	.	19MAR84:12:00	.	.	.	.
11MAR84:08:00	.	.	.	.	19MAR84:16:00	.	.	.	.
11MAR84:12:00	.	.	.	.	19MAR84:20:00	.	.	.	.
11MAR84:16:00	.	.	.	.	20MAR84:00:00	.	.	.	.
11MAR84:20:00	.	.	.	.	20MAR84:04:00	.	.	.	.
12MAR84:00:00	.	.	.	.	20MAR84:08:00	.	.	.	.
12MAR84:04:00	.	.	.	.	20MAR84:12:00	.	.	.	.
12MAR84:08:00	.	.	.	.	20MAR84:16:00	.	.	.	.
12MAR84:12:00	.	.	.	.	20MAR84:20:00	.	.	.	.
12MAR84:16:00	.	.	.	.	21MAR84:00:00	.	.	.	.
12MAR84:20:00	.	.	.	.	21MAR84:04:00	.	.	.	.
13MAR84:00:00	.	.	.	.	21MAR84:08:00	.	.	.	.
13MAR84:04:00	.	.	.	.	21MAR84:12:00	.	.	.	.
13MAR84:08:00	.	.	.	.	21MAR84:16:00	.	.	.	.
13MAR84:12:00	.	.	.	.	21MAR84:20:00	.	.	.	.
13MAR84:16:00	.	.	.	.	22MAR84:00:00	.	.	.	.
13MAR84:20:00	.	.	.	.	22MAR84:04:00	.	.	.	.
14MAR84:00:00	.	.	.	.	22MAR84:08:00	.	.	.	.
14MAR84:04:00	.	.	.	.	22MAR84:12:00	.	.	.	.
14MAR84:08:00	.	.	.	.	22MAR84:16:00	.	.	.	.
14MAR84:12:00	.	.	.	.	22MAR84:20:00	.	.	.	.
14MAR84:16:00	.	.	.	.	23MAR84:00:00	.	.	.	.
14MAR84:20:00	.	.	.	.	23MAR84:04:00	.	.	.	.
15MAR84:00:00	.	.	.	.	23MAR84:08:00	.	.	.	.
15MAR84:04:00	.	.	.	.	23MAR84:12:00	.	.	.	.
15MAR84:08:00	.	.	.	.	23MAR84:16:00	.	.	.	.
15MAR84:12:00	.	.	.	.	23MAR84:20:00	.	.	.	.
15MAR84:16:00	.	.	.	.	24MAR84:00:00	.	.	.	.
15MAR84:20:00	.	.	.	.	24MAR84:04:00	.	.	.	.
16MAR84:00:00	.	.	.	.	24MAR84:08:00	.	.	.	.

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
24MAR84:12:00	.	.	.	.	01APR84:20:00	.	.	.	.
24MAR84:16:00	.	.	.	.	02APR84:00:00	.	.	.	.
24MAR84:20:00	.	.	.	.	02APR84:04:00	.	.	.	.
25MAR84:00:00	.	.	.	.	02APR84:08:00	.	.	.	.
25MAR84:04:00	.	.	.	.	02APR84:12:00	.	.	.	.
25MAR84:08:00	.	.	.	.	02APR84:16:00	.	.	.	.
25MAR84:12:00	.	.	.	.	02APR84:20:00	.	.	.	.
25MAR84:16:00	.	.	.	.	03APR84:00:00	.	.	.	.
25MAR84:20:00	.	.	.	.	03APR84:04:00	.	.	.	.
26MAR84:00:00	.	.	.	.	03APR84:08:00	.	.	.	.
26MAR84:04:00	.	.	.	.	03APR84:12:00	.	.	.	.
26MAR84:08:00	.	.	.	.	03APR84:16:00	.	.	.	.
26MAR84:12:00	.	.	.	.	03APR84:20:00	.	.	.	.
26MAR84:16:00	.	.	.	.	04APR84:00:00	.	.	.	.
26MAR84:20:00	.	.	.	.	04APR84:04:00	.	.	.	.
27MAR84:00:00	.	.	.	.	04APR84:08:00	.	.	.	.
27MAR84:04:00	.	.	.	.	04APR84:12:00	.	.	.	.
27MAR84:08:00	.	.	.	.	04APR84:16:00	.	.	.	.
27MAR84:12:00	.	.	.	.	04APR84:20:00	.	.	.	.
27MAR84:16:00	.	.	.	.	05APR84:00:00	.	.	.	.
27MAR84:20:00	.	.	.	.	05APR84:04:00	.	.	.	.
28MAR84:00:00	.	.	.	.	05APR84:08:00	.	.	.	.
28MAR84:04:00	.	.	.	.	05APR84:12:00	.	.	.	.
28MAR84:08:00	.	.	.	.	05APR84:16:00	.	.	.	.
28MAR84:12:00	.	.	.	.	05APR84:20:00	.	.	.	.
28MAR84:16:00	.	.	.	.	06APR84:00:00	.	.	.	.
28MAR84:20:00	.	.	.	.	06APR84:04:00	.	.	.	.
29MAR84:00:00	.	.	.	.	06APR84:08:00	.	.	.	.
29MAR84:04:00	.	.	.	.	06APR84:12:00	.	.	.	.
29MAR84:08:00	.	.	.	.	06APR84:16:00	.	.	.	.
29MAR84:12:00	.	.	.	.	06APR84:20:00	.	.	.	.
29MAR84:16:00	.	.	.	.	07APR84:00:00	.	.	.	.
29MAR84:20:00	.	.	.	.	07APR84:04:00	.	.	.	.
30MAR84:00:00	.	.	.	.	07APR84:08:00	.	.	.	.
30MAR84:04:00	.	.	.	.	07APR84:12:00	.	.	.	.
30MAR84:08:00	.	.	.	.	07APR84:16:00	.	.	.	.
30MAR84:12:00	.	.	.	.	07APR84:20:00	.	.	.	.
30MAR84:16:00	.	.	.	.	08APR84:00:00	.	.	.	.
30MAR84:20:00	.	.	.	.	08APR84:04:00	.	.	.	.
31MAR84:00:00	.	.	.	.	08APR84:08:00	.	.	.	.
31MAR84:04:00	.	.	.	.	08APR84:12:00	.	.	.	.
31MAR84:08:00	.	.	.	.	08APR84:16:00	.	.	.	.
31MAR84:12:00	.	.	.	.	08APR84:20:00	.	.	.	.
31MAR84:16:00	.	.	.	.	09APR84:00:00	.	.	.	.
31MAR84:20:00	.	.	.	.	09APR84:04:00	.	.	.	.
01APR84:00:00	.	.	.	.	09APR84:08:00	.	.	.	.
01APR84:04:00	.	.	.	.	09APR84:12:00	.	.	.	.
01APR84:08:00	.	.	.	.	09APR84:16:00	.	.	.	.
01APR84:12:00	.	.	.	.	09APR84:20:00	.	.	.	.
01APR84:16:00	.	.	.	.	10APR84:00:00	.	.	.	.



DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
10APR84:04:00	.	.	.	.	18APR84:12:00	.	.	.	.
10APR84:08:00	.	.	.	.	18APR84:16:00	.	.	.	.
10APR84:12:00	.	.	.	.	18APR84:20:00	.	.	.	.
10APR84:16:00	.	.	.	.	19APR84:00:00	.	.	.	.
10APR84:20:00	.	.	.	.	19APR84:04:00	.	.	.	.
11APR84:00:00	.	.	.	.	19APR84:08:00	.	.	.	.
11APR84:04:00	.	.	.	.	19APR84:12:00	.	.	.	.
11APR84:08:00	.	.	.	.	19APR84:16:00	.	.	.	.
11APR84:12:00	.	.	.	.	19APR84:20:00	.	.	.	.
11APR84:16:00	.	.	.	.	20APR84:00:00	.	.	.	.
11APR84:20:00	.	.	.	.	20APR84:04:00	.	.	.	.
12APR84:00:00	.	.	.	.	20APR84:08:00	.	.	.	.
12APR84:04:00	.	.	.	.	20APR84:12:00	.	.	.	.
12APR84:08:00	.	.	.	.	20APR84:16:00	.	.	.	.
12APR84:12:00	.	.	.	.	20APR84:20:00	.	.	.	.
12APR84:16:00	.	.	.	.	21APR84:00:00	.	.	.	.
12APR84:20:00	.	.	.	.	21APR84:04:00	.	.	.	.
13APR84:00:00	.	.	.	.	21APR84:08:00	.	.	.	.
13APR84:04:00	.	.	.	.	21APR84:12:00	.	.	.	.
13APR84:08:00	.	.	.	.	21APR84:16:00	.	.	.	.
13APR84:12:00	.	.	.	.	21APR84:20:00	.	.	.	.
13APR84:16:00	.	.	.	.	22APR84:00:00	.	.	.	.
13APR84:20:00	.	.	.	.	22APR84:04:00	.	.	.	.
14APR84:00:00	.	.	.	.	22APR84:08:00	.	.	.	.
14APR84:04:00	.	.	.	.	22APR84:12:00	.	.	.	.
14APR84:08:00	.	.	.	.	22APR84:16:00	.	.	.	.
14APR84:12:00	.	.	.	.	22APR84:20:00	.	.	.	.
14APR84:16:00	.	.	.	.	23APR84:00:00	.	.	.	.
14APR84:20:00	.	.	.	.	23APR84:04:00	.	.	.	.
15APR84:00:00	.	.	.	.	23APR84:08:00	.	.	.	.
15APR84:04:00	.	.	.	.	23APR84:12:00	.	.	.	.
15APR84:08:00	.	.	.	.	23APR84:16:00	.	.	.	.
15APR84:12:00	.	.	.	.	23APR84:20:00	.	.	.	.
15APR84:16:00	.	.	.	.	24APR84:00:00	.	.	.	.
15APR84:20:00	.	.	.	.	24APR84:04:00	.	.	.	.
16APR84:00:00	.	.	.	.	24APR84:08:00	.	.	.	.
16APR84:04:00	.	.	.	.	24APR84:12:00	.	.	.	.
16APR84:08:00	.	.	.	.	24APR84:16:00	.	.	.	.
16APR84:12:00	.	.	.	.	24APR84:20:00	.	.	.	.
16APR84:16:00	.	.	.	.	25APR84:00:00	.	.	.	.
16APR84:20:00	.	.	.	.	25APR84:04:00	.	.	.	.
17APR84:00:00	.	.	.	.	25APR84:08:00	.	.	.	.
17APR84:04:00	.	.	.	.	25APR84:12:00	.	.	.	.
17APR84:08:00	.	.	.	.	25APR84:16:00	.	.	.	.
17APR84:12:00	.	.	.	.	25APR84:20:00	.	.	.	.
17APR84:16:00	.	.	.	.	26APR84:00:00	.	.	.	.
17APR84:20:00	.	.	.	.	26APR84:04:00	.	.	.	.
18APR84:00:00	.	.	.	.	26APR84:08:00	.	.	.	.
18APR84:04:00	.	.	.	.	26APR84:12:00	.	.	.	.
18APR84:08:00	.	.	.	.	26APR84:16:00	.	.	.	.

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATETIME	AVS	AVD	GUS	GUD	DATETIME	AVS	AVD	GUS	GUD
26APR84:20:00	.	.	.	.	05MAY84:04:00	0	.	.	.
27APR84:00:00	.	.	.	.	05MAY84:08:00	0	.	.	.
27APR84:04:00	.	.	.	.	05MAY84:12:00	2	213	4	180
27APR84:08:00	.	.	.	.	05MAY84:16:00	3	219	5	281
27APR84:12:00	.	.	.	.	05MAY84:20:00	2	230	5	196
27APR84:16:00	.	.	.	.	06MAY84:00:00	1	236	3	219
27APR84:20:00	.	.	.	.	06MAY84:04:00	0	.	.	.
28APR84:00:00	.	.	.	.	06MAY84:08:00	0	.	.	.
28APR84:04:00	.	.	.	.	06MAY84:12:00	2	50	4	95
28APR84:08:00	.	.	.	.	06MAY84:16:00	2	219	5	258
28APR84:12:00	.	.	.	.	06MAY84:20:00	2	309	5	354
28APR84:16:00	.	.	.	.	07MAY84:00:00	1	326	3	348
28APR84:20:00	.	.	.	.	07MAY84:04:00	1	331	.	.
29APR84:00:00	.	.	.	.	07MAY84:08:00	2	320	4	320
29APR84:04:00	.	.	.	.	07MAY84:12:00	4	343	6	0
29APR84:08:00	.	.	.	.	07MAY84:16:00	4	337	8	337
29APR84:12:00	.	.	.	.	07MAY84:20:00	4	309	8	303
29APR84:16:00	.	.	.	.	08MAY84:00:00	3	303	6	315
29APR84:20:00	.	.	.	.	08MAY84:04:00	3	309	5	292
30APR84:00:00	.	.	.	.	08MAY84:08:00	3	298	5	0
30APR84:04:00	.	.	.	.	08MAY84:12:00	4	326	6	275
30APR84:08:00	.	.	.	.	08MAY84:16:00	3	343	6	0
30APR84:12:00	.	.	.	.	08MAY84:20:00	3	303	7	0
30APR84:16:00	.	.	.	.	09MAY84:00:00	2	303	4	348
30APR84:20:00	.	.	.	.	09MAY84:04:00	1	320	3	286
01MAY84:00:00	.	.	.	.	09MAY84:08:00	1	320	2	258
01MAY84:04:00	.	.	.	.	09MAY84:12:00	2	292	4	292
01MAY84:08:00	.	.	.	.	09MAY84:16:00	3	208	4	275
01MAY84:12:00	.	.	.	.	09MAY84:20:00	3	196	5	196
01MAY84:16:00	2	219	4	191	10MAY84:00:00	0	.	3	236
01MAY84:20:00	3	208	5	185	10MAY84:04:00	0	.	.	.
02MAY84:00:00	2	202	5	185	10MAY84:08:00	0	.	3	286
02MAY84:04:00	2	208	6	213	10MAY84:12:00	1	286	4	0
02MAY84:08:00	1	39	.	.	10MAY84:16:00	3	202	6	163
02MAY84:12:00	2	146	6	191	10MAY84:20:00	3	196	5	185
02MAY84:16:00	4	202	8	202	11MAY84:00:00	2	286	5	303
02MAY84:20:00	3	219	5	180	11MAY84:04:00	2	315	5	315
03MAY84:00:00	0	.	3	73	11MAY84:08:00	2	348	4	348
03MAY84:04:00	0	.	.	.	11MAY84:12:00	3	320	5	348
03MAY84:08:00	0	.	.	.	11MAY84:16:00	3	292	7	303
03MAY84:12:00	2	22	4	39	11MAY84:20:00	3	298	7	303
03MAY84:16:00	2	225	4	196	12MAY84:00:00	2	303	5	281
03MAY84:20:00	2	225	3	225	12MAY84:04:00	2	303	4	309
04MAY84:00:00	1	298	.	.	12MAY84:08:00	2	326	5	326
04MAY84:04:00	1	343	3	0	12MAY84:12:00	2	343	4	331
04MAY84:08:00	0	.	.	.	12MAY84:16:00	2	219	5	213
04MAY84:12:00	2	180	4	196	12MAY84:20:00	2	196	4	168
04MAY84:16:00	3	157	8	196	13MAY84:00:00	1	191	3	174
04MAY84:20:00	3	208	8	202	13MAY84:04:00	2	180	4	202
05MAY84:00:00	1	236	4	225	13MAY84:08:00	1	129	2	135

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
13MAY84:12:00	3	196	5	185	21MAY84:20:00	2	16	3	5
13MAY84:16:00	2	202	6	174	22MAY84:00:00	0	.	.	.
13MAY84:20:00	3	213	5	219	22MAY84:04:00	0	.	2	320
14MAY84:00:00	1	202	3	270	22MAY84:08:00	1	348	.	.
14MAY84:04:00	0	.	.	.	22MAY84:12:00	1	28	3	0
14MAY84:08:00	0	.	.	.	22MAY84:16:00	2	67	5	106
14MAY84:12:00	1	196	3	247	22MAY84:20:00	3	56	5	22
14MAY84:16:00	2	202	5	196	23MAY84:00:00	1	331	.	.
14MAY84:20:00	3	208	6	185	23MAY84:04:00	1	309	2	303
15MAY84:00:00	2	219	4	180	23MAY84:08:00	1	0	2	22
15MAY84:04:00	1	157	.	.	23MAY84:12:00	2	22	4	348
15MAY84:08:00	0	.	.	.	23MAY84:16:00	2	157	4	185
15MAY84:12:00	1	157	4	258	23MAY84:20:00	2	208	4	208
15MAY84:16:00	2	196	6	185	24MAY84:00:00	2	196	4	208
15MAY84:20:00	3	191	6	191	24MAY84:04:00	2	185	4	202
16MAY84:00:00	1	236	4	196	24MAY84:08:00	1	163	4	180
16MAY84:04:00	0	.	2	0	24MAY84:12:00	3	208	6	202
16MAY84:08:00	2	5	4	337	24MAY84:16:00	4	196	7	213
16MAY84:12:00	3	0	4	331	24MAY84:20:00	3	202	7	225
16MAY84:16:00	2	101	4	348	25MAY84:00:00	2	196	5	253
16MAY84:20:00	2	219	4	185	25MAY84:04:00	1	168	3	202
17MAY84:00:00	1	281	.	.	25MAY84:08:00	1	151	3	168
17MAY84:04:00	0	.	.	.	25MAY84:12:00	2	202	4	180
17MAY84:08:00	1	303	2	230	25MAY84:16:00	3	185	6	191
17MAY84:12:00	2	275	4	45	25MAY84:20:00	3	191	5	185
17MAY84:16:00	4	185	6	185	26MAY84:00:00	1	174	4	180
17MAY84:20:00	2	196	5	191	26MAY84:04:00	1	129	3	112
18MAY84:00:00	1	236	3	196	26MAY84:08:00	1	67	2	78
18MAY84:04:00	1	331	3	0	26MAY84:12:00	2	28	4	61
18MAY84:08:00	2	343	5	343	26MAY84:16:00	3	180	5	185
18MAY84:12:00	3	348	5	5	26MAY84:20:00	3	196	6	185
18MAY84:16:00	2	303	5	191	27MAY84:00:00	1	106	3	185
18MAY84:20:00	3	258	4	168	27MAY84:04:00	0	.	.	.
19MAY84:00:00	0	.	.	.	27MAY84:08:00	0	.	.	.
19MAY84:04:00	0	.	2	112	27MAY84:12:00	1	129	3	202
19MAY84:08:00	2	78	3	90	27MAY84:16:00	2	118	4	146
19MAY84:12:00	1	95	3	196	27MAY84:20:00	3	196	6	185
19MAY84:16:00	2	213	4	202	28MAY84:00:00	1	309	4	185
19MAY84:20:00	2	202	4	213	28MAY84:04:00	1	348	2	348
20MAY84:00:00	1	185	2	180	28MAY84:08:00	1	326	3	5
20MAY84:04:00	0	.	.	.	28MAY84:12:00	3	348	5	331
20MAY84:08:00	0	.	.	.	28MAY84:16:00	2	320	5	337
20MAY84:12:00	2	123	4	129	28MAY84:20:00	2	225	5	309
20MAY84:16:00	2	180	5	191	29MAY84:00:00	2	202	4	180
20MAY84:20:00	2	73	4	33	29MAY84:04:00	1	168	4	157
21MAY84:00:00	1	196	3	213	29MAY84:08:00	1	140	4	163
21MAY84:04:00	2	208	4	180	29MAY84:12:00	3	191	5	191
21MAY84:08:00	1	202	4	208	29MAY84:16:00	3	202	7	202
21MAY84:12:00	1	354	.	.	29MAY84:20:00	3	101	8	196
21MAY84:16:00	1	292	.	.	30MAY84:00:00	2	84	4	73

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
30MAY84:04:00	2	78	3	101	07JUN84:12:00	2	180	5	180
30MAY84:08:00	0	.	2	331	07JUN84:16:00	3	196	6	185
30MAY84:12:00	1	303	4	315	07JUN84:20:00	3	191	5	185
30MAY84:16:00	1	281	3	208	08JUN84:00:00	2	191	4	185
30MAY84:20:00	2	298	4	292	08JUN84:04:00	0	.	3	225
31MAY84:00:00	1	157	2	354	08JUN84:08:00	1	180	3	196
31MAY84:04:00	0	.	.	.	08JUN84:12:00	1	202	3	264
31MAY84:08:00	0	.	2	39	08JUN84:16:00	2	225	5	191
31MAY84:12:00	2	11	4	16	08JUN84:20:00	3	202	5	174
31MAY84:16:00	2	0	4	174	09JUN84:00:00	2	208	4	174
31MAY84:20:00	1	208	4	196	09JUN84:04:00	1	185	2	191
01JUN84:00:00	0	.	.	.	09JUN84:08:00	1	84	3	95
01JUN84:04:00	0	.	.	.	09JUN84:12:00	2	84	3	95
01JUN84:08:00	0	.	.	.	09JUN84:16:00	1	39	4	22
01JUN84:12:00	1	241	3	326	09JUN84:20:00	2	320	3	202
01JUN84:16:00	3	225	5	174	10JUN84:00:00	1	202	3	196
01JUN84:20:00	3	163	5	174	10JUN84:04:00	1	174	2	196
02JUN84:00:00	1	123	3	213	10JUN84:08:00	0	.	3	185
02JUN84:04:00	1	84	3	106	10JUN84:12:00	2	191	5	202
02JUN84:08:00	1	78	3	61	10JUN84:16:00	2	196	4	191
02JUN84:12:00	1	33	4	33	10JUN84:20:00	3	208	4	185
02JUN84:16:00	2	0	5	196	11JUN84:00:00	3	202	5	191
02JUN84:20:00	3	213	4	185	11JUN84:04:00	1	168	5	168
03JUN84:00:00	1	168	.	.	11JUN84:08:00	1	140	3	191
03JUN84:04:00	1	95	3	101	11JUN84:12:00	2	185	4	191
03JUN84:08:00	1	174	3	230	11JUN84:16:00	2	180	4	202
03JUN84:12:00	1	219	3	230	11JUN84:20:00	1	112	3	202
03JUN84:16:00	3	202	6	196	12JUN84:00:00	1	208	3	208
03JUN84:20:00	3	180	7	185	12JUN84:04:00	1	151	3	157
04JUN84:00:00	2	90	4	50	12JUN84:08:00	1	163	4	185
04JUN84:04:00	2	45	3	61	12JUN84:12:00	3	191	5	241
04JUN84:08:00	1	326	4	28	12JUN84:16:00	2	196	5	185
04JUN84:12:00	3	331	6	196	12JUN84:20:00	2	101	4	73
04JUN84:16:00	3	39	7	348	13JUN84:00:00	1	123	3	90
04JUN84:20:00	1	22	4	0	13JUN84:04:00	1	191	3	219
05JUN84:00:00	1	196	3	343	13JUN84:08:00	1	39	3	78
05JUN84:04:00	0	.	3	151	13JUN84:12:00	2	348	4	0
05JUN84:08:00	1	73	3	56	13JUN84:16:00	2	337	5	331
05JUN84:12:00	1	202	4	180	13JUN84:20:00	2	343	4	315
05JUN84:16:00	2	163	5	230	14JUN84:00:00	1	275	4	0
05JUN84:20:00	3	196	7	174	14JUN84:04:00	0	.	.	.
06JUN84:00:00	2	202	4	174	14JUN84:08:00	1	22	2	5
06JUN84:04:00	3	191	5	213	14JUN84:12:00	2	61	4	157
06JUN84:08:00	1	196	4	196	14JUN84:16:00	3	146	6	185
06JUN84:12:00	2	84	3	73	14JUN84:20:00	3	101	5	101
06JUN84:16:00	1	73	2	90	15JUN84:00:00	1	95	3	39
06JUN84:20:00	0	.	3	258	15JUN84:04:00	1	118	3	174
07JUN84:00:00	0	.	3	191	15JUN84:08:00	1	90	.	.
07JUN84:04:00	0	.	2	337	15JUN84:12:00	1	140	3	112
07JUN84:08:00	0	.	.	.	15JUN84:16:00	1	208	3	180

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
15JUN84:20:00	0	.	.	.	24JUN84:04:00	0	.	.	.
16JUN84:00:00	0	.	.	.	24JUN84:08:00	1	348	.	.
16JUN84:04:00	0	.	.	.	24JUN84:12:00	1	275	3	230
16JUN84:08:00	1	180	3	151	24JUN84:16:00	3	185	5	185
16JUN84:12:00	2	191	4	191	24JUN84:20:00	4	185	8	202
16JUN84:16:00	1	174	3	191	25JUN84:00:00	0	.	3	0
16JUN84:20:00	0	.	.	.	25JUN84:04:00	1	348	2	337
17JUN84:00:00	0	.	.	.	25JUN84:08:00	1	11	2	90
17JUN84:04:00	0	.	.	.	25JUN84:12:00	2	61	4	67
17JUN84:08:00	0	.	.	.	25JUN84:16:00	2	135	5	78
17JUN84:12:00	0	.	.	.	25JUN84:20:00	2	225	4	202
17JUN84:16:00	1	230	4	213	26JUN84:00:00	0	.	2	247
17JUN84:20:00	2	230	4	303	26JUN84:04:00	0	.	.	.
18JUN84:00:00	0	.	.	.	26JUN84:08:00	1	67	3	73
18JUN84:04:00	0	.	.	.	26JUN84:12:00	2	73	3	56
18JUN84:08:00	0	.	3	84	26JUN84:16:00	1	50	2	39
18JUN84:12:00	1	16	3	5	26JUN84:20:00	1	95	.	.
18JUN84:16:00	2	196	4	191	27JUN84:00:00	1	196	4	185
18JUN84:20:00	2	202	4	213	27JUN84:04:00	1	146	2	196
19JUN84:00:00	3	202	5	180	27JUN84:08:00	2	101	3	84
19JUN84:04:00	1	163	4	196	27JUN84:12:00	2	191	4	180
19JUN84:08:00	1	168	4	191	27JUN84:16:00	2	208	4	185
19JUN84:12:00	2	191	4	185	27JUN84:20:00	2	219	4	225
19JUN84:16:00	3	208	5	185	28JUN84:00:00	0	.	.	.
19JUN84:20:00	3	191	4	191	28JUN84:04:00	0	.	.	.
20JUN84:00:00	2	202	5	236	28JUN84:08:00	1	78	2	73
20JUN84:04:00	1	151	3	196	28JUN84:12:00	1	45	3	56
20JUN84:08:00	1	106	4	185	28JUN84:16:00	1	56	3	174
20JUN84:12:00	2	196	4	213	28JUN84:20:00	1	208	4	180
20JUN84:16:00	3	191	5	196	29JUN84:00:00	0	.	3	106
20JUN84:20:00	3	196	5	208	29JUN84:04:00	0	.	.	.
21JUN84:00:00	3	208	5	180	29JUN84:08:00	0	.	2	5
21JUN84:04:00	1	151	2	191	29JUN84:12:00	1	298	4	208
21JUN84:08:00	1	163	3	168	29JUN84:16:00	3	157	7	146
21JUN84:12:00	2	196	4	185	29JUN84:20:00	4	191	8	202
21JUN84:16:00	3	191	5	185	30JUN84:00:00	1	247	4	185
21JUN84:20:00	3	196	5	202	30JUN84:04:00	0	.	.	.
22JUN84:00:00	2	202	4	225	30JUN84:08:00	1	11	4	343
22JUN84:04:00	0	.	.	.	30JUN84:12:00	2	5	4	0
22JUN84:08:00	1	95	3	78	30JUN84:16:00	3	208	5	202
22JUN84:12:00	1	208	3	185	30JUN84:20:00	3	208	5	174
22JUN84:16:00	2	191	5	202	01JUL84:00:00	2	191	4	202
22JUN84:20:00	2	208	4	191	01JUL84:04:00	2	185	4	157
23JUN84:00:00	2	208	5	202	01JUL84:08:00	2	185	4	191
23JUN84:04:00	0	.	.	.	01JUL84:12:00	3	191	5	196
23JUN84:08:00	0	.	2	303	01JUL84:16:00	3	196	7	185
23JUN84:12:00	2	56	4	45	01JUL84:20:00	1	236	3	196
23JUN84:16:00	2	286	4	213	02JUL84:00:00	0	.	.	.
23JUN84:20:00	1	292	3	354	02JUL84:04:00	0	.	.	.
24JUN84:00:00	0	.	2	230	02JUL84:08:00	1	56	3	67

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATETIME	AVS	AVD	GUS	GUD	DATETIME	AVS	AVD	GUS	GUD
02JUL84:12:00	2	61	4	78	10JUL84:20:00	1	208	3	106
02JUL84:16:00	3	78	5	90	11JUL84:00:00	1	219	3	196
02JUL84:20:00	2	78	4	78	11JUL84:04:00	0	.	.	.
03JUL84:00:00	0	.	.	.	11JUL84:08:00	1	331	3	348
03JUL84:04:00	0	.	.	.	11JUL84:12:00	1	61	3	225
03JUL84:08:00	1	157	3	202	11JUL84:16:00	3	202	5	180
03JUL84:12:00	3	191	5	191	11JUL84:20:00	1	326	3	331
03JUL84:16:00	3	191	5	202	12JUL84:00:00	0	.	.	.
03JUL84:20:00	2	208	4	180	12JUL84:04:00	0	.	.	.
04JUL84:00:00	1	168	3	196	12JUL84:08:00	1	45	2	56
04JUL84:04:00	1	84	3	106	12JUL84:12:00	1	348	3	16
04JUL84:08:00	2	73	4	95	12JUL84:16:00	2	196	5	213
04JUL84:12:00	1	95	3	78	12JUL84:20:00	3	78	5	56
04JUL84:16:00	3	163	6	180	13JUL84:00:00	1	180	3	185
04JUL84:20:00	3	202	5	253	13JUL84:04:00	2	56	3	22
05JUL84:00:00	2	202	4	202	13JUL84:08:00	2	73	3	73
05JUL84:04:00	1	163	3	180	13JUL84:12:00	2	73	4	95
05JUL84:08:00	1	118	4	191	13JUL84:16:00	1	157	4	157
05JUL84:12:00	2	191	4	185	13JUL84:20:00	1	315	3	39
05JUL84:16:00	2	202	4	219	14JUL84:00:00	1	230	4	202
05JUL84:20:00	3	202	4	213	14JUL84:04:00	1	45	.	.
06JUL84:00:00	0	.	3	202	14JUL84:08:00	0	.	.	.
06JUL84:04:00	0	.	.	.	14JUL84:12:00	1	61	2	174
06JUL84:08:00	0	.	.	.	14JUL84:16:00	2	95	3	129
06JUL84:12:00	1	196	3	191	14JUL84:20:00	3	84	4	106
06JUL84:16:00	2	208	4	185	15JUL84:00:00	1	95	2	112
06JUL84:20:00	2	230	5	185	15JUL84:04:00	0	.	.	.
07JUL84:00:00	1	219	2	196	15JUL84:08:00	0	.	2	28
07JUL84:04:00	0	.	2	241	15JUL84:12:00	1	354	2	11
07JUL84:08:00	0	.	2	320	15JUL84:16:00	2	0	4	348
07JUL84:12:00	1	326	3	354	15JUL84:20:00	1	354	5	348
07JUL84:16:00	3	202	5	174	16JUL84:00:00	0	.	.	.
07JUL84:20:00	2	208	5	213	16JUL84:04:00	0	.	2	106
08JUL84:00:00	1	208	4	270	16JUL84:08:00	2	174	5	191
08JUL84:04:00	1	264	2	225	16JUL84:12:00	4	196	8	202
08JUL84:08:00	0	.	.	.	16JUL84:16:00	3	202	7	219
08JUL84:12:00	1	354	3	45	16JUL84:20:00	2	219	4	202
08JUL84:16:00	2	151	4	196	17JUL84:00:00	1	202	3	270
08JUL84:20:00	1	185	3	213	17JUL84:04:00	1	90	3	78
09JUL84:00:00	1	180	4	208	17JUL84:08:00	1	90	3	118
09JUL84:04:00	0	.	.	.	17JUL84:12:00	1	73	.	.
09JUL84:08:00	1	39	2	50	17JUL84:16:00	1	84	.	.
09JUL84:12:00	1	135	3	191	17JUL84:20:00	1	106	3	213
09JUL84:16:00	2	191	4	185	18JUL84:00:00	1	230	4	185
09JUL84:20:00	2	219	4	185	18JUL84:04:00	0	.	.	.
10JUL84:00:00	1	180	3	196	18JUL84:08:00	1	163	3	202
10JUL84:04:00	0	.	.	.	18JUL84:12:00	1	140	4	191
10JUL84:08:00	0	.	.	.	18JUL84:16:00	2	196	4	196
10JUL84:12:00	1	106	3	78	18JUL84:20:00	1	196	2	213
10JUL84:16:00	1	208	3	168	19JUL84:00:00	0	.	2	101

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATETIME	AVS	AVD	GUS	GUD	DATETIME	AVS	AVD	GUS	GUD
19JUL84:04:00	2	84	3	90	27JUL84:12:00	0	.	.	.
19JUL84:08:00	2	84	3	101	27JUL84:16:00	1	168	3	163
19JUL84:12:00	1	196	2	180	27JUL84:20:00	2	196	4	174
19JUL84:16:00	1	151	4	196	28JUL84:00:00	2	208	4	185
19JUL84:20:00	2	174	4	191	28JUL84:04:00	2	202	4	174
20JUL84:00:00	2	180	4	180	28JUL84:08:00	2	202	3	196
20JUL84:04:00	1	168	3	202	28JUL84:12:00	2	202	4	163
20JUL84:08:00	1	213	4	241	28JUL84:16:00	1	180	4	174
20JUL84:12:00	1	196	2	180	28JUL84:20:00	2	191	4	196
20JUL84:16:00	1	151	4	196	29JUL84:00:00	2	208	4	241
20JUL84:20:00	2	174	4	191	29JUL84:04:00	2	202	5	202
21JUL84:00:00	1	213	4	213	29JUL84:08:00	2	202	3	264
21JUL84:04:00	0	.	2	196	29JUL84:12:00	1	112	3	90
21JUL84:08:00	1	140	3	191	29JUL84:16:00	2	84	3	78
21JUL84:12:00	2	90	3	73	29JUL84:20:00	2	135	3	118
21JUL84:16:00	2	84	3	90	30JUL84:00:00	2	213	4	213
21JUL84:20:00	1	140	3	202	30JUL84:04:00	0	.	2	213
22JUL84:00:00	1	225	4	241	30JUL84:08:00	0	.	.	.
22JUL84:04:00	1	230	4	219	30JUL84:12:00	0	.	.	.
22JUL84:08:00	0	.	3	247	30JUL84:16:00	1	84	2	95
22JUL84:12:00	1	236	3	230	30JUL84:20:00	1	78	2	90
22JUL84:16:00	0	.	.	.	31JUL84:00:00	2	90	4	196
22JUL84:20:00	0	.	2	45	31JUL84:04:00	2	196	5	208
23JUL84:00:00	0	.	2	0	31JUL84:08:00	2	213	3	196
23JUL84:04:00	1	331	2	337	31JUL84:12:00	1	180	3	163
23JUL84:08:00	0	.	.	.	31JUL84:16:00	0	.	.	.
23JUL84:12:00	0	.	.	.	31JUL84:20:00	2	191	4	202
23JUL84:16:00	0	.	.	.	01AUG84:00:00	2	213	4	202
23JUL84:20:00	0	.	3	202	01AUG84:04:00	2	225	4	258
24JUL84:00:00	2	213	4	236	01AUG84:08:00	0	.	.	.
24JUL84:04:00	2	202	4	236	01AUG84:12:00	0	.	.	.
24JUL84:08:00	2	185	7	191	01AUG84:16:00	0	.	.	.
24JUL84:12:00	1	230	4	196	01AUG84:20:00	1	90	.	.
24JUL84:16:00	0	.	.	.	02AUG84:00:00	1	191	3	202
24JUL84:20:00	1	112	3	90	02AUG84:04:00	1	230	3	185
25JUL84:00:00	1	213	3	230	02AUG84:08:00	0	.	.	.
25JUL84:04:00	1	208	2	213	02AUG84:12:00	0	.	.	.
25JUL84:08:00	0	.	2	253	02AUG84:16:00	0	.	2	90
25JUL84:12:00	1	157	4	163	02AUG84:20:00	0	.	.	.
25JUL84:16:00	1	73	3	112	03AUG84:00:00	1	225	4	219
25JUL84:20:00	2	73	3	78	03AUG84:04:00	1	225	3	180
26JUL84:00:00	2	78	4	61	03AUG84:08:00	1	230	2	225
26JUL84:04:00	0	.	2	73	03AUG84:12:00	1	202	2	191
26JUL84:08:00	0	.	2	112	03AUG84:16:00	1	196	.	.
26JUL84:12:00	0	.	.	.	03AUG84:20:00	1	191	2	180
26JUL84:16:00	2	84	3	73	04AUG84:00:00	1	191	4	168
26JUL84:20:00	1	95	3	78	04AUG84:04:00	1	208	3	185
27JUL84:00:00	1	225	3	185	04AUG84:08:00	0	.	.	.
27JUL84:04:00	2	208	3	208	04AUG84:12:00	0	.	.	.
27JUL84:08:00	1	213	2	208	04AUG84:16:00	0	.	.	.



DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
04AUG84:20:00	1	101	3	61	13AUG84:04:00	2	11	4	11
05AUG84:00:00	2	101	4	67	13AUG84:08:00	1	343	3	5
05AUG84:04:00	2	185	4	73	13AUG84:12:00	2	348	4	348
05AUG84:08:00	0	.	3	90	13AUG84:16:00	3	343	7	331
05AUG84:12:00	1	140	5	191	13AUG84:20:00	2	225	4	219
05AUG84:16:00	2	208	7	208	14AUG84:00:00	1	118	2	151
05AUG84:20:00	2	202	4	191	14AUG84:04:00	2	73	3	78
06AUG84:00:00	2	208	3	219	14AUG84:08:00	2	73	4	61
06AUG84:04:00	1	236	3	213	14AUG84:12:00	1	118	2	140
06AUG84:08:00	1	225	3	253	14AUG84:16:00	2	208	4	191
06AUG84:12:00	0	.	.	.	14AUG84:20:00	2	208	4	196
06AUG84:16:00	0	.	.	.	15AUG84:00:00	0	.	.	.
06AUG84:20:00	0	.	.	.	15AUG84:04:00	1	78	3	67
07AUG84:00:00	1	146	3	118	15AUG84:08:00	1	61	3	56
07AUG84:04:00	1	191	4	90	15AUG84:12:00	1	33	3	5
07AUG84:08:00	2	95	3	90	15AUG84:16:00	1	343	4	337
07AUG84:12:00	0	.	3	78	15AUG84:20:00	1	202	4	191
07AUG84:16:00	0	.	2	50	16AUG84:00:00	0	.	.	.
07AUG84:20:00	1	337	3	337	16AUG84:04:00	1	90	3	84
08AUG84:00:00	1	202	3	225	16AUG84:08:00	1	90	3	95
08AUG84:04:00	1	196	3	191	16AUG84:12:00	2	180	5	202
08AUG84:08:00	2	208	4	236	16AUG84:16:00	3	191	6	191
08AUG84:12:00	1	180	3	196	16AUG84:20:00	2	219	5	219
08AUG84:16:00	1	129	2	95	17AUG84:00:00	1	202	3	196
08AUG84:20:00	2	196	5	185	17AUG84:04:00	0	.	.	.
09AUG84:00:00	2	185	4	236	17AUG84:08:00	0	.	4	196
09AUG84:04:00	1	168	4	180	17AUG84:12:00	3	202	5	185
09AUG84:08:00	1	61	3	73	17AUG84:16:00	2	208	5	213
09AUG84:12:00	0	.	.	.	17AUG84:20:00	2	230	5	196
09AUG84:16:00	1	185	4	320	18AUG84:00:00	0	.	2	286
09AUG84:20:00	2	315	4	331	18AUG84:04:00	1	50	.	.
10AUG84:00:00	2	157	4	202	18AUG84:08:00	1	5	3	22
10AUG84:04:00	2	208	4	213	18AUG84:12:00	1	0	3	16
10AUG84:08:00	0	.	.	.	18AUG84:16:00	2	354	3	11
10AUG84:12:00	0	.	3	61	18AUG84:20:00	1	326	3	16
10AUG84:16:00	1	185	3	213	19AUG84:00:00	2	326	4	337
10AUG84:20:00	1	101	3	208	19AUG84:04:00	2	326	3	298
11AUG84:00:00	1	95	.	.	19AUG84:08:00	2	303	6	326
11AUG84:04:00	0	.	.	.	19AUG84:12:00	3	320	6	337
11AUG84:08:00	0	.	.	.	19AUG84:16:00	3	320	7	337
11AUG84:12:00	2	337	4	315	19AUG84:20:00	1	292	4	298
11AUG84:16:00	1	331	4	185	20AUG84:00:00	0	.	2	225
11AUG84:20:00	3	213	5	208	20AUG84:04:00	0	.	.	.
12AUG84:00:00	1	247	.	.	20AUG84:08:00	0	.	.	.
12AUG84:04:00	0	.	.	.	20AUG84:12:00	0	.	.	.
12AUG84:08:00	1	326	3	0	20AUG84:16:00	1	253	2	196
12AUG84:12:00	2	354	3	0	20AUG84:20:00	0	.	3	247
12AUG84:16:00	2	0	5	343	21AUG84:00:00	0	.	.	.
12AUG84:20:00	2	320	5	315	21AUG84:04:00	1	56	3	95
13AUG84:00:00	1	326	3	331	21AUG84:08:00	1	39	2	22



DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

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DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
21AUG84:12:00	1	22	3	22	29AUG84:20:00	1	331	3	337
21AUG84:16:00	0	.	2	61	30AUG84:00:00	1	315	4	331
21AUG84:20:00	0	.	.	.	30AUG84:04:00	3	320	5	326
22AUG84:00:00	0	.	.	.	30AUG84:08:00	3	320	7	292
22AUG84:04:00	1	343	2	73	30AUG84:12:00	3	309	6	326
22AUG84:08:00	1	33	2	0	30AUG84:16:00	2	337	5	67
22AUG84:12:00	0	.	.	.	30AUG84:20:00	2	331	4	326
22AUG84:16:00	0	.	5	180	31AUG84:00:00	3	315	6	315
22AUG84:20:00	2	174	4	180	31AUG84:04:00	3	320	5	320
23AUG84:00:00	2	163	4	129	31AUG84:08:00	0	.	3	0
23AUG84:04:00	2	174	5	185	31AUG84:12:00	2	0	4	5
23AUG84:08:00	2	180	5	163	31AUG84:16:00	1	337	3	33
23AUG84:12:00	3	180	8	180	31AUG84:20:00	0	.	.	.
23AUG84:16:00	3	185	5	191	01SEP84:00:00	0	.	.	.
23AUG84:20:00	3	185	5	191	01SEP84:04:00	0	.	.	.
24AUG84:00:00	2	191	4	185	01SEP84:08:00	0	.	.	.
24AUG84:04:00	1	146	4	236	01SEP84:12:00	0	.	.	.
24AUG84:08:00	2	84	3	90	01SEP84:16:00	1	354	3	0
24AUG84:12:00	2	56	3	61	01SEP84:20:00	1	225	2	230
24AUG84:16:00	2	50	4	28	02SEP84:00:00	0	.	.	.
24AUG84:20:00	1	56	3	39	02SEP84:04:00	0	.	.	.
25AUG84:00:00	2	90	4	101	02SEP84:08:00	0	.	.	.
25AUG84:04:00	3	180	6	185	02SEP84:12:00	0	.	2	326
25AUG84:08:00	3	180	7	163	02SEP84:16:00	1	270	4	11
25AUG84:12:00	4	208	7	326	02SEP84:20:00	1	236	3	354
25AUG84:16:00	3	196	6	202	03SEP84:00:00	0	.	.	.
25AUG84:20:00	2	337	4	348	03SEP84:04:00	1	337	2	303
26AUG84:00:00	1	309	4	326	03SEP84:08:00	2	337	4	0
26AUG84:04:00	2	303	5	292	03SEP84:12:00	2	326	4	0
26AUG84:08:00	3	315	6	5	03SEP84:16:00	2	337	4	0
26AUG84:12:00	4	315	9	309	03SEP84:20:00	1	0	4	331
26AUG84:16:00	5	315	10	331	04SEP84:00:00	1	0	.	.
26AUG84:20:00	4	320	10	331	04SEP84:04:00	2	326	4	331
27AUG84:00:00	4	315	7	5	04SEP84:08:00	0	.	3	348
27AUG84:04:00	3	326	5	331	04SEP84:12:00	2	16	4	354
27AUG84:08:00	3	315	5	292	04SEP84:16:00	2	5	4	61
27AUG84:12:00	3	320	6	298	04SEP84:20:00	1	348	3	326
27AUG84:16:00	3	331	5	326	05SEP84:00:00	0	.	2	106
27AUG84:20:00	2	331	4	5	05SEP84:04:00	1	67	3	50
28AUG84:00:00	1	315	2	303	05SEP84:08:00	0	.	.	.
28AUG84:04:00	2	320	4	5	05SEP84:12:00	0	.	3	191
28AUG84:08:00	2	331	4	28	05SEP84:16:00	1	146	2	106
28AUG84:12:00	2	337	4	0	05SEP84:20:00	1	168	2	174
28AUG84:16:00	1	22	4	11	06SEP84:00:00	1	129	2	196
28AUG84:20:00	0	.	2	61	06SEP84:04:00	0	.	.	.
29AUG84:00:00	0	.	.	.	06SEP84:08:00	2	73	3	73
29AUG84:04:00	1	50	.	.	06SEP84:12:00	1	78	2	78
29AUG84:08:00	0	.	.	.	06SEP84:16:00	1	202	4	180
29AUG84:12:00	1	5	3	354	06SEP84:20:00	2	185	4	185
29AUG84:16:00	2	343	5	348	07SEP84:00:00	1	140	4	180

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
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DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
07SEP84:04:00	0	.	.	.	15SEP84:12:00	1	354	3	241
07SEP84:08:00	1	50	3	45	15SEP84:16:00	1	90	3	73
07SEP84:12:00	1	61	3	39	15SEP84:20:00	0	.	.	.
07SEP84:16:00	1	281	3	331	16SEP84:00:00	0	.	.	.
07SEP84:20:00	0	.	3	208	16SEP84:04:00	0	.	2	61
08SEP84:00:00	0	.	.	.	16SEP84:08:00	0	.	.	.
08SEP84:04:00	0	.	.	.	16SEP84:12:00	1	303	3	258
08SEP84:08:00	1	22	2	354	16SEP84:16:00	1	202	3	185
08SEP84:12:00	1	33	3	22	16SEP84:20:00	1	208	4	180
08SEP84:16:00	1	135	3	219	17SEP84:00:00	0	.	.	.
08SEP84:20:00	1	225	4	230	17SEP84:04:00	1	196	3	180
09SEP84:00:00	0	.	2	354	17SEP84:08:00	0	.	.	.
09SEP84:04:00	0	.	.	.	17SEP84:12:00	2	84	3	73
09SEP84:08:00	1	28	.	.	17SEP84:16:00	1	168	4	191
09SEP84:12:00	1	337	3	331	17SEP84:20:00	1	163	4	219
09SEP84:16:00	1	292	3	292	18SEP84:00:00	1	163	2	202
09SEP84:20:00	1	230	2	0	18SEP84:04:00	2	157	4	191
10SEP84:00:00	1	157	4	78	18SEP84:08:00	1	101	3	101
10SEP84:04:00	1	106	3	84	18SEP84:12:00	2	180	5	191
10SEP84:08:00	1	67	.	.	18SEP84:16:00	2	168	4	146
10SEP84:12:00	1	320	2	281	18SEP84:20:00	2	151	4	129
10SEP84:16:00	1	298	4	326	19SEP84:00:00	2	129	4	123
10SEP84:20:00	2	213	4	168	19SEP84:04:00	2	101	3	163
11SEP84:00:00	1	129	3	90	19SEP84:08:00	1	129	3	129
11SEP84:04:00	1	78	3	73	19SEP84:12:00	3	168	4	196
11SEP84:08:00	0	.	.	.	19SEP84:16:00	2	196	5	191
11SEP84:12:00	1	354	3	309	19SEP84:20:00	2	140	4	84
11SEP84:16:00	1	33	3	5	20SEP84:00:00	3	61	4	73
11SEP84:20:00	2	84	3	90	20SEP84:04:00	1	343	4	348
12SEP84:00:00	1	73	3	67	20SEP84:08:00	0	.	.	.
12SEP84:04:00	1	67	3	78	20SEP84:12:00	1	50	2	73
12SEP84:08:00	0	.	.	.	20SEP84:16:00	2	61	3	5
12SEP84:12:00	2	151	6	174	20SEP84:20:00	1	106	3	135
12SEP84:16:00	3	191	5	180	21SEP84:00:00	1	73	3	73
12SEP84:20:00	0	.	3	185	21SEP84:04:00	2	50	3	67
13SEP84:00:00	0	.	.	.	21SEP84:08:00	0	.	.	.
13SEP84:04:00	0	.	2	28	21SEP84:12:00	1	348	4	0
13SEP84:08:00	1	0	2	331	21SEP84:16:00	1	33	3	50
13SEP84:12:00	1	0	3	22	21SEP84:20:00	0	.	3	354
13SEP84:16:00	2	320	4	348	22SEP84:00:00	0	.	.	.
13SEP84:20:00	2	337	4	343	22SEP84:04:00	1	28	2	56
14SEP84:00:00	2	331	4	331	22SEP84:08:00	1	337	3	337
14SEP84:04:00	2	326	4	326	22SEP84:12:00	1	337	3	331
14SEP84:08:00	2	343	4	354	22SEP84:16:00	1	320	3	354
14SEP84:12:00	2	0	4	298	22SEP84:20:00	0	.	.	.
14SEP84:16:00	2	50	5	61	23SEP84:00:00	0	.	2	73
14SEP84:20:00	1	343	3	16	23SEP84:04:00	1	11	3	45
15SEP84:00:00	1	11	3	11	23SEP84:08:00	1	309	.	.
15SEP84:04:00	1	16	3	67	23SEP84:12:00	1	309	3	315
15SEP84:08:00	0	.	.	.	23SEP84:16:00	2	331	4	0

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

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 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
23SEP84:20:00	1	320	5	0	02OCT84:04:00	1	73	2	67
24SEP84:00:00	1	315	3	331	02OCT84:08:00	1	33	3	78
24SEP84:04:00	1	326	2	354	02OCT84:12:00	2	168	5	191
24SEP84:08:00	1	309	.	.	02OCT84:16:00	2	168	6	191
24SEP84:12:00	1	343	.	.	02OCT84:20:00	1	196	.	.
24SEP84:16:00	1	303	2	337	03OCT84:00:00	1	337	.	.
24SEP84:20:00	1	303	4	292	03OCT84:04:00	0	.	.	.
25SEP84:00:00	2	331	4	0	03OCT84:08:00	1	348	3	73
25SEP84:04:00	2	320	4	337	03OCT84:12:00	1	123	3	56
25SEP84:08:00	1	337	3	0	03OCT84:16:00	1	236	3	191
25SEP84:12:00	1	337	3	303	03OCT84:20:00	0	.	.	.
25SEP84:16:00	2	337	4	5	04OCT84:00:00	0	.	2	78
25SEP84:20:00	1	315	2	354	04OCT84:04:00	1	354	3	0
26SEP84:00:00	0	.	.	.	04OCT84:08:00	1	343	3	0
26SEP84:04:00	0	.	.	.	04OCT84:12:00	2	0	3	0
26SEP84:08:00	0	.	.	.	04OCT84:16:00	1	348	4	0
26SEP84:12:00	0	.	4	354	04OCT84:20:00	0	.	.	.
26SEP84:16:00	1	0	3	354	05OCT84:00:00	0	.	3	354
26SEP84:20:00	1	286	2	5	05OCT84:04:00	2	331	4	0
27SEP84:00:00	0	.	.	.	05OCT84:08:00	2	320	5	331
27SEP84:04:00	0	.	2	67	05OCT84:12:00	3	337	5	348
27SEP84:08:00	0	.	.	.	05OCT84:16:00	2	348	3	348
27SEP84:12:00	1	11	3	39	05OCT84:20:00	2	348	4	28
27SEP84:16:00	1	275	3	208	06OCT84:00:00	2	0	4	343
27SEP84:20:00	0	.	.	.	06OCT84:04:00	1	320	.	.
28SEP84:00:00	1	5	3	343	06OCT84:08:00	1	320	3	0
28SEP84:04:00	1	320	4	315	06OCT84:12:00	2	326	4	337
28SEP84:08:00	2	331	4	348	06OCT84:16:00	0	.	.	.
28SEP84:12:00	2	337	4	337	06OCT84:20:00	1	315	4	354
28SEP84:16:00	1	33	3	22	07OCT84:00:00	1	320	4	309
28SEP84:20:00	2	16	4	11	07OCT84:04:00	0	.	.	.
29SEP84:00:00	2	337	4	315	07OCT84:08:00	0	.	.	.
29SEP84:04:00	2	331	4	326	07OCT84:12:00	1	348	4	326
29SEP84:08:00	2	331	4	315	07OCT84:16:00	2	337	3	315
29SEP84:12:00	2	315	4	298	07OCT84:20:00	1	343	3	348
29SEP84:16:00	2	303	4	309	08OCT84:00:00	0	.	.	.
29SEP84:20:00	0	.	2	315	08OCT84:04:00	0	.	2	309
30SEP84:00:00	0	.	.	.	08OCT84:08:00	0	.	.	.
30SEP84:04:00	1	11	3	45	08OCT84:12:00	2	90	3	78
30SEP84:08:00	1	0	3	0	08OCT84:16:00	3	78	4	73
30SEP84:12:00	2	22	5	39	08OCT84:20:00	2	67	3	67
30SEP84:16:00	3	28	4	39	09OCT84:00:00	1	331	4	348
30SEP84:20:00	1	67	4	67	09OCT84:04:00	1	331	3	331
01OCT84:00:00	2	39	4	39	09OCT84:08:00	0	.	.	.
01OCT84:04:00	1	348	3	0	09OCT84:12:00	0	.	.	.
01OCT84:08:00	2	343	5	39	09OCT84:16:00	1	326	3	320
01OCT84:12:00	1	326	3	236	09OCT84:20:00	1	0	3	343
01OCT84:16:00	1	331	3	180	10OCT84:00:00	0	.	.	.
01OCT84:20:00	0	.	3	174	10OCT84:04:00	0	.	.	.
02OCT84:00:00	0	.	.	.	10OCT84:08:00	0	.	.	.

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
10OCT84:12:00	0	.	.	.	18OCT84:20:00	2	348	3	354
10OCT84:16:00	0	.	.	.	19OCT84:00:00	1	337	2	320
10OCT84:20:00	0	.	.	.	19OCT84:04:00	2	326	3	326
11OCT84:00:00	2	95	3	106	19OCT84:08:00	2	309	4	315
11OCT84:04:00	1	118	3	112	19OCT84:12:00	2	315	5	320
11OCT84:08:00	1	61	4	67	19OCT84:16:00	2	326	4	202
11OCT84:12:00	0	.	.	.	19OCT84:20:00	3	337	6	337
11OCT84:16:00	1	326	2	331	20OCT84:00:00	3	337	4	320
11OCT84:20:00	2	320	4	331	20OCT84:04:00	2	331	4	354
12OCT84:00:00	2	303	4	303	20OCT84:08:00	2	320	4	337
12OCT84:04:00	0	.	.	.	20OCT84:12:00	3	337	5	0
12OCT84:08:00	0	.	.	.	20OCT84:16:00	0	.	3	331
12OCT84:12:00	0	.	.	.	20OCT84:20:00	2	320	4	331
12OCT84:16:00	0	.	.	.	21OCT84:00:00	1	298	4	315
12OCT84:20:00	1	90	3	84	21OCT84:04:00	2	326	4	303
13OCT84:00:00	1	0	2	73	21OCT84:08:00	2	309	5	309
13OCT84:04:00	2	331	4	320	21OCT84:12:00	2	320	4	354
13OCT84:08:00	2	315	3	331	21OCT84:16:00	1	315	4	320
13OCT84:12:00	2	320	4	298	21OCT84:20:00	1	286	3	315
13OCT84:16:00	1	320	3	343	22OCT84:00:00	1	225	4	281
13OCT84:20:00	1	303	3	337	22OCT84:04:00	0	.	.	.
14OCT84:00:00	0	.	.	.	22OCT84:08:00	1	174	.	.
14OCT84:04:00	0	.	.	.	22OCT84:12:00	1	180	2	191
14OCT84:08:00	0	.	.	.	22OCT84:16:00	3	191	5	191
14OCT84:12:00	1	56	3	73	22OCT84:20:00	4	185	5	191
14OCT84:16:00	1	67	2	56	23OCT84:00:00	1	123	3	157
14OCT84:20:00	2	84	4	95	23OCT84:04:00	2	73	3	50
15OCT84:00:00	1	73	3	73	23OCT84:08:00	2	22	3	337
15OCT84:04:00	0	.	.	.	23OCT84:12:00	2	337	4	354
15OCT84:08:00	1	33	2	39	23OCT84:16:00	2	337	4	309
15OCT84:12:00	1	337	3	337	23OCT84:20:00	2	348	4	5
15OCT84:16:00	2	315	4	5	24OCT84:00:00	1	320	4	0
15OCT84:20:00	3	343	5	343	24OCT84:04:00	3	348	7	331
16OCT84:00:00	2	337	4	343	24OCT84:08:00	4	320	7	309
16OCT84:04:00	3	337	5	337	24OCT84:12:00	4	320	5	326
16OCT84:08:00	3	343	6	354	24OCT84:16:00	3	326	7	331
16OCT84:12:00	3	348	6	354	24OCT84:20:00	3	331	6	0
16OCT84:16:00	3	348	5	343	25OCT84:00:00	3	331	5	348
16OCT84:20:00	3	331	4	331	25OCT84:04:00	3	320	6	326
17OCT84:00:00	2	331	4	326	25OCT84:08:00	2	320	5	315
17OCT84:04:00	3	11	4	16	25OCT84:12:00	1	326	3	208
17OCT84:08:00	2	50	4	73	25OCT84:16:00	2	315	4	331
17OCT84:12:00	0	.	.	.	25OCT84:20:00	2	326	4	0
17OCT84:16:00	1	348	2	320	26OCT84:00:00	0	.	2	61
17OCT84:20:00	1	73	2	90	26OCT84:04:00	2	343	4	331
18OCT84:00:00	1	112	3	196	26OCT84:08:00	2	354	3	191
18OCT84:04:00	2	84	3	67	26OCT84:12:00	1	348	4	0
18OCT84:08:00	1	78	2	84	26OCT84:16:00	1	331	.	.
18OCT84:12:00	2	67	3	95	26OCT84:20:00	0	.	2	135
18OCT84:16:00	1	320	4	331	27OCT84:00:00	0	.	.	.

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
27OCT84:04:00	0	.	.	.	04NOV84:12:00	3	326	5	309
27OCT84:08:00	0	.	.	.	04NOV84:16:00	3	320	5	0
27OCT84:12:00	1	348	3	320	04NOV84:20:00	3	320	5	140
27OCT84:16:00	2	343	4	320	05NOV84:00:00	2	309	5	315
27OCT84:20:00	2	326	5	320	05NOV84:04:00	2	331	4	123
28OCT84:00:00	2	354	5	0	05NOV84:08:00	2	326	4	236
28OCT84:04:00	3	354	4	315	05NOV84:12:00	2	331	3	326
28OCT84:08:00	3	348	5	16	05NOV84:16:00	1	331	4	258
28OCT84:12:00	2	348	4	354	05NOV84:20:00	1	331	2	264
28OCT84:16:00	2	337	4	331	06NOV84:00:00	0	.	.	.
28OCT84:20:00	2	337	4	331	06NOV84:04:00	0	.	.	.
29OCT84:00:00	2	337	3	0	06NOV84:08:00	0	.	.	.
29OCT84:04:00	2	337	3	337	06NOV84:12:00	0	.	.	.
29OCT84:08:00	2	331	4	106	06NOV84:16:00	0	.	.	.
29OCT84:12:00	2	337	4	0	06NOV84:20:00	1	315	3	292
29OCT84:16:00	3	331	5	0	07NOV84:00:00	1	320	2	0
29OCT84:20:00	3	337	4	320	07NOV84:04:00	1	337	3	348
30OCT84:00:00	3	337	6	337	07NOV84:08:00	1	348	.	.
30OCT84:04:00	2	331	5	309	07NOV84:12:00	0	.	.	.
30OCT84:08:00	2	320	5	343	07NOV84:16:00	0	.	.	.
30OCT84:12:00	3	343	4	331	07NOV84:20:00	0	.	2	270
30OCT84:16:00	3	337	4	298	08NOV84:00:00	0	.	.	.
30OCT84:20:00	2	331	4	348	08NOV84:04:00	1	56	.	.
31OCT84:00:00	2	343	3	0	08NOV84:08:00	0	.	.	.
31OCT84:04:00	2	348	4	331	08NOV84:12:00	0	.	.	.
31OCT84:08:00	2	337	5	33	08NOV84:16:00	0	.	2	5
31OCT84:12:00	3	331	5	337	08NOV84:20:00	1	337	3	331
31OCT84:16:00	3	331	5	230	09NOV84:00:00	2	331	4	5
31OCT84:20:00	2	320	4	320	09NOV84:04:00	2	348	4	0
01NOV84:00:00	2	343	4	326	09NOV84:08:00	2	337	3	0
01NOV84:04:00	1	343	4	78	09NOV84:12:00	3	337	5	258
01NOV84:08:00	1	326	4	320	09NOV84:16:00	2	337	4	0
01NOV84:12:00	0	.	.	.	09NOV84:20:00	2	320	4	326
01NOV84:16:00	0	.	.	.	10NOV84:00:00	1	348	3	123
01NOV84:20:00	0	.	.	.	10NOV84:04:00	0	.	.	.
02NOV84:00:00	0	.	.	.	10NOV84:08:00	0	.	3	5
02NOV84:04:00	1	67	.	.	10NOV84:12:00	1	354	3	5
02NOV84:08:00	1	50	.	.	10NOV84:16:00	1	354	3	343
02NOV84:12:00	0	.	.	.	10NOV84:20:00	2	0	3	0
02NOV84:16:00	0	.	.	.	11NOV84:00:00	1	0	.	.
02NOV84:20:00	0	.	2	78	11NOV84:04:00	1	354	3	0
03NOV84:00:00	0	.	.	.	11NOV84:08:00	1	337	2	0
03NOV84:04:00	0	.	.	.	11NOV84:12:00	2	331	3	303
03NOV84:08:00	0	.	2	11	11NOV84:16:00	2	320	4	270
03NOV84:12:00	0	.	3	11	11NOV84:20:00	3	309	6	298
03NOV84:16:00	0	.	3	11	12NOV84:00:00	2	303	4	331
03NOV84:20:00	1	331	3	11	12NOV84:04:00	2	315	4	343
04NOV84:00:00	1	326	4	315	12NOV84:08:00	3	320	5	326
04NOV84:04:00	2	348	3	320	12NOV84:12:00	3	331	7	298
04NOV84:08:00	2	315	4	315	12NOV84:16:00	2	354	4	348

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATETIME	AVS	AVD	GUS	GUD	DATETIME	AVS	AVD	GUS	GUD
12NOV84:20:00	2	343	4	298	21NOV84:04:00	0	.	.	.
13NOV84:00:00	0	.	.	.	21NOV84:08:00	1	331	3	320
13NOV84:04:00	1	16	2	16	21NOV84:12:00	2	326	4	331
13NOV84:08:00	1	348	3	343	21NOV84:16:00	2	320	4	326
13NOV84:12:00	2	337	4	343	21NOV84:20:00	0	.	2	0
13NOV84:16:00	3	337	5	163	22NOV84:00:00	0	.	2	73
13NOV84:20:00	3	326	5	309	22NOV84:04:00	2	78	3	67
14NOV84:00:00	3	326	7	331	22NOV84:08:00	2	78	3	84
14NOV84:04:00	3	326	6	101	22NOV84:12:00	1	348	3	56
14NOV84:08:00	3	320	7	326	22NOV84:16:00	1	348	3	298
14NOV84:12:00	3	315	5	320	22NOV84:20:00	1	0	3	348
14NOV84:16:00	2	343	4	281	23NOV84:00:00	2	315	3	0
14NOV84:20:00	2	348	4	331	23NOV84:04:00	1	315	3	320
15NOV84:00:00	3	331	4	286	23NOV84:08:00	0	.	2	281
15NOV84:04:00	2	320	5	309	23NOV84:12:00	0	.	.	.
15NOV84:08:00	3	337	5	315	23NOV84:16:00	0	.	.	.
15NOV84:12:00	3	337	5	331	23NOV84:20:00	1	90	.	.
15NOV84:16:00	2	326	4	50	24NOV84:00:00	1	50	2	56
15NOV84:20:00	2	331	5	5	24NOV84:04:00	1	16	.	.
16NOV84:00:00	2	331	4	320	24NOV84:08:00	0	.	.	.
16NOV84:04:00	2	320	4	343	24NOV84:12:00	1	337	3	11
16NOV84:08:00	2	331	5	331	24NOV84:16:00	1	320	3	348
16NOV84:12:00	3	343	4	0	24NOV84:20:00	1	315	3	337
16NOV84:16:00	2	326	4	309	25NOV84:00:00	1	331	2	326
16NOV84:20:00	2	326	5	337	25NOV84:04:00	1	326	3	0
17NOV84:00:00	2	337	5	258	25NOV84:08:00	2	326	3	315
17NOV84:04:00	2	326	5	320	25NOV84:12:00	2	320	4	331
17NOV84:08:00	2	331	4	286	25NOV84:16:00	1	320	3	315
17NOV84:12:00	3	331	4	0	25NOV84:20:00	1	337	2	157
17NOV84:16:00	3	326	5	298	26NOV84:00:00	1	337	3	320
17NOV84:20:00	2	326	4	326	26NOV84:04:00	2	331	4	298
18NOV84:00:00	2	337	4	343	26NOV84:08:00	3	337	4	320
18NOV84:04:00	3	337	4	331	26NOV84:12:00	3	337	5	343
18NOV84:08:00	3	331	4	315	26NOV84:16:00	3	337	5	0
18NOV84:12:00	3	337	5	84	26NOV84:20:00	3	337	4	67
18NOV84:16:00	3	343	5	140	27NOV84:00:00	2	337	4	320
18NOV84:20:00	2	337	5	348	27NOV84:04:00	2	331	5	315
19NOV84:00:00	2	331	4	320	27NOV84:08:00	3	331	5	0
19NOV84:04:00	2	320	4	320	27NOV84:12:00	3	331	5	337
19NOV84:08:00	2	303	4	303	27NOV84:16:00	2	331	5	315
19NOV84:12:00	2	303	4	320	27NOV84:20:00	2	326	4	0
19NOV84:16:00	2	303	4	343	28NOV84:00:00	3	326	5	315
19NOV84:20:00	2	337	5	337	28NOV84:04:00	3	331	5	331
20NOV84:00:00	3	16	7	45	28NOV84:08:00	3	331	5	348
20NOV84:04:00	4	50	9	84	28NOV84:12:00	3	326	5	326
20NOV84:08:00	2	315	4	219	28NOV84:16:00	3	348	4	0
20NOV84:12:00	1	236	4	185	28NOV84:20:00	2	348	4	320
20NOV84:16:00	2	84	4	84	29NOV84:00:00	1	11	3	0
20NOV84:20:00	1	270	3	292	29NOV84:04:00	0	.	.	.
21NOV84:00:00	1	78	3	78	29NOV84:08:00	1	50	.	.

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATETIME	AVS	AVD	GUS	GUD	DATETIME	AVS	AVD	GUS	GUD
29NOV84:12:00	0	.	2	11	07DEC84:20:00	1	348	3	39
29NOV84:16:00	2	348	4	343	08DEC84:00:00	1	303	3	337
29NOV84:20:00	2	331	4	354	08DEC84:04:00	1	298	.	.
30NOV84:00:00	2	326	4	320	08DEC84:08:00	0	.	.	.
30NOV84:04:00	3	331	4	320	08DEC84:12:00	2	196	4	180
30NOV84:08:00	2	320	4	320	08DEC84:16:00	0	.	2	191
30NOV84:12:00	2	337	4	5	08DEC84:20:00	1	343	2	309
30NOV84:16:00	2	326	3	343	09DEC84:00:00	1	315	2	270
30NOV84:20:00	2	337	4	39	09DEC84:04:00	0	.	2	326
01DEC84:00:00	2	309	3	343	09DEC84:08:00	0	.	.	.
01DEC84:04:00	2	326	3	331	09DEC84:12:00	0	.	.	.
01DEC84:08:00	2	326	3	337	09DEC84:16:00	0	.	.	.
01DEC84:12:00	2	337	3	343	09DEC84:20:00	1	0	2	11
01DEC84:16:00	2	320	5	331	10DEC84:00:00	1	343	.	.
01DEC84:20:00	3	331	6	331	10DEC84:04:00	1	39	2	33
02DEC84:00:00	4	326	6	348	10DEC84:08:00	2	337	4	163
02DEC84:04:00	4	331	7	309	10DEC84:12:00	2	315	4	320
02DEC84:08:00	3	331	6	309	10DEC84:16:00	3	315	5	309
02DEC84:12:00	2	320	5	303	10DEC84:20:00	3	315	5	286
02DEC84:16:00	2	320	5	331	11DEC84:00:00	3	320	6	331
02DEC84:20:00	3	331	6	331	11DEC84:04:00	3	331	6	326
03DEC84:00:00	4	326	6	348	11DEC84:08:00	3	337	5	331
03DEC84:04:00	4	331	7	309	11DEC84:12:00	3	343	4	326
03DEC84:08:00	3	331	6	309	11DEC84:16:00	1	326	3	331
03DEC84:12:00	2	320	5	303	11DEC84:20:00	1	73	.	.
03DEC84:16:00	2	320	5	331	12DEC84:00:00	1	61	3	61
03DEC84:20:00	3	326	4	292	12DEC84:04:00	1	343	2	303
04DEC84:00:00	3	320	5	225	12DEC84:08:00	1	337	3	337
04DEC84:04:00	2	343	4	0	12DEC84:12:00	2	337	3	343
04DEC84:08:00	2	16	6	45	12DEC84:16:00	2	343	4	0
04DEC84:12:00	3	33	8	28	12DEC84:20:00	3	331	5	309
04DEC84:16:00	2	11	4	33	13DEC84:00:00	4	326	6	281
04DEC84:20:00	1	320	3	326	13DEC84:04:00	4	326	7	337
05DEC84:00:00	1	315	2	270	13DEC84:08:00	3	337	5	337
05DEC84:04:00	1	320	2	185	13DEC84:12:00	2	337	4	331
05DEC84:08:00	0	.	2	303	13DEC84:16:00	0	.	.	.
05DEC84:12:00	2	348	4	5	13DEC84:20:00	0	.	.	.
05DEC84:16:00	1	315	3	320	14DEC84:00:00	1	337	3	326
05DEC84:20:00	3	315	4	343	14DEC84:04:00	1	331	4	331
06DEC84:00:00	2	326	4	309	14DEC84:08:00	2	326	4	320
06DEC84:04:00	2	326	4	326	14DEC84:12:00	2	315	4	320
06DEC84:08:00	0	.	.	.	14DEC84:16:00	2	354	5	331
06DEC84:12:00	1	118	2	73	14DEC84:20:00	1	28	4	5
06DEC84:16:00	1	84	3	90	15DEC84:00:00	1	61	3	50
06DEC84:20:00	0	.	.	.	15DEC84:04:00	1	331	3	61
07DEC84:00:00	1	326	4	191	15DEC84:08:00	1	337	.	.
07DEC84:04:00	0	.	2	281	15DEC84:12:00	0	.	2	281
07DEC84:08:00	0	.	.	.	15DEC84:16:00	0	.	3	90
07DEC84:12:00	0	.	.	.	15DEC84:20:00	2	343	4	326
07DEC84:16:00	0	.	3	45	16DEC84:00:00	2	315	3	331



DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 POINT MACKENZIE DATA REPORT

AVS-AVERAGE SPEED, AVD-AVERAGE DIRECTION, GUS-GUST SPEED, GUD-GUST DIRECTION  
 DIRECTION IS FROM TRUE NORTH, SPEEDS ARE IN M/S AND TIMES ARE ALASKA STANDARD

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
16DEC84:04:00	1	315	3	281	24DEC84:12:00	0	.	.	.
16DEC84:08:00	1	343	3	16	24DEC84:16:00	0	.	.	.
16DEC84:12:00	1	320	3	315	24DEC84:20:00	0	.	.	.
16DEC84:16:00	2	320	4	22	25DEC84:00:00	2	348	4	0
16DEC84:20:00	1	331	2	315	25DEC84:04:00	1	326	3	320
17DEC84:00:00	0	.	.	.	25DEC84:08:00	0	.	2	0
17DEC84:04:00	1	326	2	270	25DEC84:12:00	0	.	2	320
17DEC84:08:00	0	.	.	.	25DEC84:16:00	1	326	2	0
17DEC84:12:00	1	56	4	90	25DEC84:20:00	0	.	.	.
17DEC84:16:00	1	78	3	90	26DEC84:00:00	0	.	.	.
17DEC84:20:00	0	.	.	.	26DEC84:04:00	0	.	.	.
18DEC84:00:00	1	337	2	292	26DEC84:08:00	0	.	.	.
18DEC84:04:00	0	.	.	.	26DEC84:12:00	0	.	3	331
18DEC84:08:00	0	.	.	.	26DEC84:16:00	1	348	3	354
18DEC84:12:00	0	.	.	.	26DEC84:20:00	0	.	3	354
18DEC84:16:00	0	.	.	.	27DEC84:00:00	1	354	3	354
18DEC84:20:00	0	.	7	202	27DEC84:04:00	0	.	.	.
19DEC84:00:00	1	270	3	292	27DEC84:08:00	1	354	2	354
19DEC84:04:00	0	.	.	.	27DEC84:12:00	1	354	2	354
19DEC84:08:00	0	.	.	.	27DEC84:16:00	1	354	3	348
19DEC84:12:00	0	.	.	.	27DEC84:20:00	1	331	3	331
19DEC84:16:00	0	.	.	.	28DEC84:00:00	1	331	3	331
19DEC84:20:00	0	.	.	.	28DEC84:04:00	0	.	2	331
20DEC84:00:00	0	.	.	.	28DEC84:08:00	2	331	4	331
20DEC84:04:00	0	.	.	.	28DEC84:12:00	3	331	4	331
20DEC84:08:00	0	.	.	.	28DEC84:16:00	3	343	4	326
20DEC84:12:00	0	.	.	.	28DEC84:20:00	3	343	5	0
20DEC84:16:00	0	.	.	.	29DEC84:00:00	3	348	5	348
20DEC84:20:00	0	.	.	.	29DEC84:04:00	3	348	5	0
21DEC84:00:00	0	.	.	.	29DEC84:08:00	3	343	4	343
21DEC84:04:00	0	.	.	.	29DEC84:12:00	2	343	4	348
21DEC84:08:00	0	.	.	.	29DEC84:16:00	2	331	4	326
21DEC84:12:00	0	.	.	.	29DEC84:20:00	2	331	4	0
21DEC84:16:00	0	.	.	.	30DEC84:00:00	2	326	5	303
21DEC84:20:00	0	.	.	.	30DEC84:04:00	3	320	6	331
22DEC84:00:00	0	.	.	.	30DEC84:08:00	3	309	5	320
22DEC84:04:00	0	.	.	.	30DEC84:12:00	3	298	5	303
22DEC84:08:00	0	.	.	.	30DEC84:16:00	2	286	5	281
22DEC84:12:00	0	.	.	.	30DEC84:20:00	1	281	4	275
22DEC84:16:00	0	.	.	.	31DEC84:00:00	1	22	4	354
22DEC84:20:00	0	.	.	.	31DEC84:04:00	1	326	3	264
23DEC84:00:00	0	.	.	.	31DEC84:08:00	2	298	3	303
23DEC84:04:00	0	.	.	.	31DEC84:12:00	2	298	4	298
23DEC84:08:00	0	.	.	.	31DEC84:16:00	2	298	4	298
23DEC84:12:00	0	.	3	78	31DEC84:20:00	2	298	3	320
23DEC84:16:00	0	.	3	298	01JAN85:00:00	2	292	3	281
23DEC84:20:00	0	.	3	191					
24DEC84:00:00	0	.	3	67					
24DEC84:04:00	1	67	3	67					
24DEC84:08:00	0	.	.	.					