

Public-data File 88-28

WIND DATA FROM POINT MACKENZIE WIND STATION, 1985

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

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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
01JAN85:04:00	2	39	6	39	09JAN85:12:00	1	343	3	39
01JAN85:08:00	2	56	7	95	09JAN85:16:00	1	22	3	73
01JAN85:12:00	2	315	3	286	09JAN85:20:00	2	11	4	33
01JAN85:16:00	2	298	4	50	10JAN85:00:00	2	326	5	337
01JAN85:20:00	1	298	3	309	10JAN85:04:00	2	326	4	326
02JAN85:00:00	3	213	6	191	10JAN85:08:00	2	28	4	0
02JAN85:04:00	2	185	4	202	10JAN85:12:00	4	61	7	56
02JAN85:08:00	1	90	.	.	10JAN85:16:00	3	56	5	45
02JAN85:12:00	0	.	.	.	10JAN85:20:00	2	67	6	33
02JAN85:16:00	0	.	.	.	11JAN85:00:00	2	33	4	28
02JAN85:20:00	1	157	4	191	11JAN85:04:00	2	337	4	320
03JAN85:00:00	2	67	3	56	11JAN85:08:00	0	.	2	315
03JAN85:04:00	2	337	4	0	11JAN85:12:00	0	.	.	.
03JAN85:08:00	2	315	4	315	11JAN85:16:00	0	.	.	.
03JAN85:12:00	3	320	5	315	11JAN85:20:00	0	.	.	.
03JAN85:16:00	3	320	5	298	12JAN85:00:00	1	174	2	191
03JAN85:20:00	2	326	5	320	12JAN85:04:00	0	.	.	.
04JAN85:00:00	3	337	5	11	12JAN85:08:00	0	.	.	.
04JAN85:04:00	1	50	.	.	12JAN85:12:00	2	326	4	354
04JAN85:08:00	0	.	2	348	12JAN85:16:00	3	331	5	298
04JAN85:12:00	2	315	4	315	12JAN85:20:00	3	331	6	348
04JAN85:16:00	2	337	3	303	13JAN85:00:00	3	337	6	348
04JAN85:20:00	1	320	2	331	13JAN85:04:00	3	326	7	320
05JAN85:00:00	1	135	3	191	13JAN85:08:00	3	337	6	320
05JAN85:04:00	1	140	4	202	13JAN85:12:00	3	326	5	326
05JAN85:08:00	1	157	3	95	13JAN85:16:00	3	326	5	270
05JAN85:12:00	0	.	.	.	13JAN85:20:00	3	331	4	343
05JAN85:16:00	2	11	3	343	14JAN85:00:00	4	326	5	331
05JAN85:20:00	2	326	5	343	14JAN85:04:00	3	343	4	331
06JAN85:00:00	2	326	5	320	14JAN85:08:00	2	326	5	348
06JAN85:04:00	3	331	5	337	14JAN85:12:00	0	.	.	.
06JAN85:08:00	3	326	5	337	14JAN85:16:00	0	.	.	.
06JAN85:12:00	3	326	6	331	14JAN85:20:00	0	.	.	.
06JAN85:16:00	3	337	6	219	15JAN85:00:00	1	45	4	50
06JAN85:20:00	3	326	5	348	15JAN85:04:00	2	331	4	320
07JAN85:00:00	3	326	4	326	15JAN85:08:00	3	326	5	298
07JAN85:04:00	2	337	4	326	15JAN85:12:00	3	326	5	298
07JAN85:08:00	2	331	4	343	15JAN85:16:00	3	326	7	315
07JAN85:12:00	2	326	4	331	15JAN85:20:00	3	320	7	331
07JAN85:16:00	2	331	4	309	16JAN85:00:00	4	320	8	331
07JAN85:20:00	2	326	3	247	16JAN85:04:00	4	320	7	298
08JAN85:00:00	2	298	4	309	16JAN85:08:00	4	315	6	320
08JAN85:04:00	1	309	3	343	16JAN85:12:00	2	320	4	281
08JAN85:08:00	1	354	4	78	16JAN85:16:00	1	348	3	28
08JAN85:12:00	2	348	4	354	16JAN85:20:00	1	78	3	33
08JAN85:16:00	2	61	7	39	17JAN85:00:00	1	56	2	56
08JAN85:20:00	1	320	2	292	17JAN85:04:00	1	343	4	348
09JAN85:00:00	2	343	4	11	17JAN85:08:00	2	320	3	320
09JAN85:04:00	2	22	4	286	17JAN85:12:00	1	298	3	258
09JAN85:08:00	0	.	2	281	17JAN85:16:00	1	320	4	56

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

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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
17JAN85:20:00	2	320	3	146	26JAN85:04:00	2	320	4	281
18JAN85:00:00	2	286	3	326	26JAN85:08:00	3	326	4	331
18JAN85:04:00	0	.	.	.	26JAN85:12:00	2	337	4	286
18JAN85:08:00	1	343	2	298	26JAN85:16:00	1	343	3	309
18JAN85:12:00	2	331	3	5	26JAN85:20:00	2	343	3	343
18JAN85:16:00	2	331	4	343	27JAN85:00:00	2	331	3	354
18JAN85:20:00	3	331	4	337	27JAN85:04:00	2	320	3	354
19JAN85:00:00	3	331	5	331	27JAN85:08:00	1	326	3	303
19JAN85:04:00	2	331	3	11	27JAN85:12:00	2	315	3	5
19JAN85:08:00	1	331	2	16	27JAN85:16:00	1	16	2	90
19JAN85:12:00	2	331	4	0	27JAN85:20:00	1	326	3	331
19JAN85:16:00	2	326	4	343	28JAN85:00:00	1	0	3	11
19JAN85:20:00	2	337	4	337	28JAN85:04:00	2	309	4	298
20JAN85:00:00	2	331	5	0	28JAN85:08:00	1	326	3	343
20JAN85:04:00	1	326	3	298	28JAN85:12:00	1	5	2	61
20JAN85:08:00	1	39	4	73	28JAN85:16:00	1	354	2	28
20JAN85:12:00	1	337	3	348	28JAN85:20:00	1	348	3	0
20JAN85:16:00	1	315	3	298	29JAN85:00:00	1	0	3	0
20JAN85:20:00	2	331	3	0	29JAN85:04:00	1	0	3	0
21JAN85:00:00	2	320	5	337	29JAN85:08:00	1	0	4	0
21JAN85:04:00	3	331	5	320	29JAN85:12:00	2	5	4	45
21JAN85:08:00	2	315	5	331	29JAN85:16:00	1	331	3	61
21JAN85:12:00	3	320	4	326	29JAN85:20:00	1	326	3	320
21JAN85:16:00	2	337	4	331	30JAN85:00:00	2	326	3	326
21JAN85:20:00	2	331	4	343	30JAN85:04:00	1	326	3	326
22JAN85:00:00	2	331	4	348	30JAN85:08:00	1	326	4	331
22JAN85:04:00	2	331	4	348	30JAN85:12:00	0	.	.	.
22JAN85:08:00	2	337	4	348	30JAN85:16:00	0	.	.	.
22JAN85:12:00	2	331	4	0	30JAN85:20:00	0	.	.	.
22JAN85:16:00	2	331	5	309	31JAN85:00:00	1	298	3	331
22JAN85:20:00	3	331	5	343	31JAN85:04:00	1	315	2	298
23JAN85:00:00	3	326	6	298	31JAN85:08:00	3	174	6	180
23JAN85:04:00	2	326	5	298	31JAN85:12:00	3	180	5	180
23JAN85:08:00	3	39	7	45	31JAN85:16:00	3	180	5	180
23JAN85:12:00	3	39	5	39	31JAN85:20:00	2	106	3	95
23JAN85:16:00	2	309	4	39	01FEB85:00:00	1	84	4	67
23JAN85:20:00	1	236	5	219	01FEB85:04:00	1	11	4	78
24JAN85:00:00	1	337	3	275	01FEB85:08:00	2	331	4	0
24JAN85:04:00	1	337	2	95	01FEB85:12:00	2	331	4	337
24JAN85:08:00	0	.	.	.	01FEB85:16:00	2	320	4	11
24JAN85:12:00	1	202	3	185	01FEB85:20:00	2	343	4	28
24JAN85:16:00	2	163	4	174	02FEB85:00:00	2	326	4	0
24JAN85:20:00	1	157	3	174	02FEB85:04:00	2	326	4	326
25JAN85:00:00	2	90	3	78	02FEB85:08:00	1	343	3	0
25JAN85:04:00	2	73	3	90	02FEB85:12:00	1	5	3	320
25JAN85:08:00	2	50	3	39	02FEB85:16:00	1	33	2	73
25JAN85:12:00	1	343	3	331	02FEB85:20:00	0	.	.	.
25JAN85:16:00	2	326	4	354	03FEB85:00:00	0	.	.	.
25JAN85:20:00	2	320	5	320	03FEB85:04:00	1	84	3	78
26JAN85:00:00	4	331	6	331	03FEB85:08:00	1	106	3	90

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

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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
03FEB85:12:00	1	146	4	191	11FEB85:20:00	4	354	8	343
03FEB85:16:00	0	.	.	.	12FEB85:00:00	5	11	11	0
03FEB85:20:00	0	.	3	185	12FEB85:04:00	6	28	12	50
04FEB85:00:00	2	202	4	219	12FEB85:08:00	5	28	8	22
04FEB85:04:00	0	.	.	.	12FEB85:12:00	5	22	9	28
04FEB85:08:00	0	.	2	61	12FEB85:16:00	4	354	7	343
04FEB85:12:00	1	67	3	73	12FEB85:20:00	4	0	9	16
04FEB85:16:00	0	.	.	.	13FEB85:00:00	3	343	5	343
04FEB85:20:00	0	.	.	.	13FEB85:04:00	3	326	5	320
05FEB85:00:00	0	.	.	.	13FEB85:08:00	4	326	7	326
05FEB85:04:00	0	.	.	.	13FEB85:12:00	4	320	6	309
05FEB85:08:00	0	.	.	.	13FEB85:16:00	4	337	8	348
05FEB85:12:00	0	.	.	.	13FEB85:20:00	4	343	8	320
05FEB85:16:00	1	337	3	337	14FEB85:00:00	3	326	5	354
05FEB85:20:00	3	331	6	331	14FEB85:04:00	3	320	6	315
06FEB85:00:00	4	331	6	320	14FEB85:08:00	2	326	4	275
06FEB85:04:00	4	337	8	331	14FEB85:12:00	2	315	4	348
06FEB85:08:00	3	0	6	16	14FEB85:16:00	1	315	3	303
06FEB85:12:00	3	331	6	331	14FEB85:20:00	1	337	3	320
06FEB85:16:00	4	343	6	348	15FEB85:00:00	2	326	5	348
06FEB85:20:00	3	337	5	315	15FEB85:04:00	2	320	3	315
07FEB85:00:00	4	337	7	337	15FEB85:08:00	2	331	4	343
07FEB85:04:00	3	331	6	348	15FEB85:12:00	3	337	5	320
07FEB85:08:00	3	326	4	320	15FEB85:16:00	3	348	6	0
07FEB85:12:00	3	326	4	348	15FEB85:20:00	3	326	5	326
07FEB85:16:00	4	331	6	5	16FEB85:00:00	2	348	5	331
07FEB85:20:00	2	303	3	286	16FEB85:04:00	1	343	4	331
08FEB85:00:00	1	343	.	.	16FEB85:08:00	2	331	4	298
08FEB85:04:00	0	.	.	.	16FEB85:12:00	2	0	4	0
08FEB85:08:00	1	343	3	22	16FEB85:16:00	3	337	6	0
08FEB85:12:00	1	22	3	45	16FEB85:20:00	1	11	6	343
08FEB85:16:00	2	337	4	326	17FEB85:00:00	1	0	2	0
08FEB85:20:00	2	331	4	326	17FEB85:04:00	2	337	5	315
09FEB85:00:00	2	326	4	303	17FEB85:08:00	3	326	6	315
09FEB85:04:00	3	326	5	331	17FEB85:12:00	3	348	5	0
09FEB85:08:00	2	326	4	315	17FEB85:16:00	2	331	4	219
09FEB85:12:00	3	326	5	343	17FEB85:20:00	0	.	.	.
09FEB85:16:00	3	326	7	337	18FEB85:00:00	2	78	4	67
09FEB85:20:00	2	326	4	343	18FEB85:04:00	2	56	3	56
10FEB85:00:00	2	320	4	331	18FEB85:08:00	1	348	2	0
10FEB85:04:00	3	326	4	315	18FEB85:12:00	2	320	4	326
10FEB85:08:00	2	0	4	343	18FEB85:16:00	1	315	4	343
10FEB85:12:00	2	343	4	326	18FEB85:20:00	0	.	.	.
10FEB85:16:00	3	331	4	326	19FEB85:00:00	1	343	.	.
10FEB85:20:00	4	343	6	331	19FEB85:04:00	1	354	2	61
11FEB85:00:00	4	331	5	348	19FEB85:08:00	1	343	2	348
11FEB85:04:00	3	326	8	348	19FEB85:12:00	2	331	3	309
11FEB85:08:00	3	331	5	309	19FEB85:16:00	2	343	3	331
11FEB85:12:00	3	326	5	343	19FEB85:20:00	1	326	3	309
11FEB85:16:00	4	337	5	320	20FEB85:00:00	2	331	4	320

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

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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
20FEB85:04:00	3	348	5	348	28FEB85:12:00	1	270	4	275
20FEB85:08:00	3	337	4	337	28FEB85:16:00	1	236	3	202
20FEB85:12:00	2	348	4	331	28FEB85:20:00	0	.	.	.
20FEB85:16:00	3	343	4	303	01MAR85:00:00	1	73	3	73
20FEB85:20:00	1	343	3	0	01MAR85:04:00	2	28	4	61
21FEB85:00:00	1	331	3	309	01MAR85:08:00	2	326	4	326
21FEB85:04:00	1	320	3	225	01MAR85:12:00	3	320	5	337
21FEB85:08:00	3	320	5	157	01MAR85:16:00	3	315	5	326
21FEB85:12:00	3	320	6	343	01MAR85:20:00	2	315	4	326
21FEB85:16:00	2	309	4	292	02MAR85:00:00	1	191	2	135
21FEB85:20:00	0	.	.	.	02MAR85:04:00	1	78	3	95
22FEB85:00:00	0	.	.	.	02MAR85:08:00	1	39	.	.
22FEB85:04:00	1	331	3	326	02MAR85:12:00	2	343	5	315
22FEB85:08:00	2	337	4	315	02MAR85:16:00	3	331	6	315
22FEB85:12:00	3	337	4	320	02MAR85:20:00	2	303	5	320
22FEB85:16:00	2	337	4	348	03MAR85:00:00	1	298	4	326
22FEB85:20:00	2	331	4	5	03MAR85:04:00	0	.	.	.
23FEB85:00:00	2	348	4	331	03MAR85:08:00	1	90	2	95
23FEB85:04:00	3	348	6	354	03MAR85:12:00	2	84	3	78
23FEB85:08:00	3	343	4	326	03MAR85:16:00	2	73	4	73
23FEB85:12:00	3	337	4	331	03MAR85:20:00	1	309	.	.
23FEB85:16:00	2	348	4	343	04MAR85:00:00	0	.	.	.
23FEB85:20:00	2	348	5	326	04MAR85:04:00	1	67	3	67
24FEB85:00:00	2	343	4	326	04MAR85:08:00	2	67	4	73
24FEB85:04:00	2	348	4	343	04MAR85:12:00	1	315	3	50
24FEB85:04:00	2	326	4	303	04MAR85:16:00	1	264	3	270
24FEB85:08:00	2	343	4	337	04MAR85:20:00	1	315	3	286
24FEB85:12:00	2	343	3	0	05MAR85:00:00	2	326	3	337
24FEB85:16:00	2	348	4	45	05MAR85:04:00	2	315	3	315
24FEB85:20:00	2	337	4	315	05MAR85:08:00	2	309	4	320
25FEB85:00:00	3	326	5	315	05MAR85:12:00	2	343	3	337
25FEB85:08:00	4	326	6	315	05MAR85:16:00	2	320	4	331
25FEB85:12:00	2	331	5	331	05MAR85:20:00	2	331	4	0
25FEB85:16:00	3	67	4	90	06MAR85:00:00	1	0	3	0
25FEB85:20:00	1	78	4	90	06MAR85:04:00	2	326	3	298
26FEB85:00:00	2	106	4	90	06MAR85:08:00	2	320	5	343
26FEB85:04:00	3	73	4	73	06MAR85:12:00	2	320	4	309
26FEB85:08:00	2	33	4	22	06MAR85:16:00	3	315	5	354
26FEB85:12:00	1	337	4	0	06MAR85:20:00	4	320	6	275
26FEB85:16:00	1	5	3	67	07MAR85:00:00	4	320	7	320
26FEB85:20:00	2	11	3	84	07MAR85:04:00	4	320	7	315
27FEB85:00:00	1	56	4	56	07MAR85:08:00	1	309	4	320
27FEB85:04:00	1	298	.	.	07MAR85:12:00	2	309	4	298
27FEB85:08:00	0	.	.	.	07MAR85:16:00	2	73	4	0
27FEB85:12:00	3	180	7	202	07MAR85:20:00	0	.	.	.
27FEB85:16:00	5	185	9	185	08MAR85:00:00	2	50	3	50
27FEB85:20:00	3	191	5	185	08MAR85:04:00	2	348	3	315
28FEB85:00:00	2	191	5	191	08MAR85:08:00	2	331	5	309
28FEB85:04:00	1	202	2	180	08MAR85:12:00	2	303	4	320
28FEB85:08:00	1	281	3	315	08MAR85:16:00	2	196	4	163

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

7

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
08MAR85:20:00	2	101	4	78	17MAR85:04:00	1	326	3	337
09MAR85:00:00	4	191	8	163	17MAR85:08:00	1	354	3	39
09MAR85:04:00	4	185	7	202	17MAR85:12:00	3	354	6	16
09MAR85:08:00	4	180	8	191	17MAR85:16:00	4	39	6	61
09MAR85:12:00	4	174	7	191	17MAR85:20:00	4	33	7	28
09MAR85:16:00	3	174	6	191	18MAR85:00:00	2	11	6	28
09MAR85:20:00	1	73	3	95	18MAR85:04:00	1	281	2	213
10MAR85:00:00	2	315	4	0	18MAR85:08:00	2	33	4	5
10MAR85:04:00	2	315	7	67	18MAR85:12:00	3	50	5	33
10MAR85:08:00	4	56	9	90	18MAR85:16:00	2	16	4	196
10MAR85:12:00	3	50	4	50	18MAR85:20:00	2	73	4	45
10MAR85:16:00	2	331	5	50	19MAR85:00:00	1	56	5	157
10MAR85:20:00	2	258	7	168	19MAR85:04:00	2	78	4	196
11MAR85:00:00	4	202	6	196	19MAR85:08:00	2	56	4	61
11MAR85:04:00	3	196	6	208	19MAR85:12:00	1	303	.	.
11MAR85:08:00	1	56	3	11	19MAR85:16:00	3	348	4	0
11MAR85:12:00	3	45	6	67	19MAR85:20:00	1	337	3	337
11MAR85:16:00	3	241	9	168	20MAR85:00:00	1	303	2	286
11MAR85:20:00	3	180	6	202	20MAR85:04:00	2	326	3	0
12MAR85:00:00	3	202	6	202	20MAR85:08:00	3	337	6	320
12MAR85:04:00	1	112	5	180	20MAR85:12:00	1	331	4	0
12MAR85:08:00	2	101	4	140	20MAR85:16:00	1	315	3	270
12MAR85:12:00	2	157	4	123	20MAR85:20:00	2	315	4	281
12MAR85:16:00	3	168	5	185	21MAR85:00:00	1	309	4	315
12MAR85:20:00	0	.	2	320	21MAR85:04:00	2	337	4	343
13MAR85:00:00	0	.	.	.	21MAR85:08:00	1	320	3	326
13MAR85:04:00	0	.	.	.	21MAR85:12:00	2	343	4	354
13MAR85:08:00	0	.	.	.	21MAR85:16:00	2	5	4	33
13MAR85:12:00	0	.	.	.	21MAR85:20:00	3	16	4	16
13MAR85:16:00	1	78	3	78	22MAR85:00:00	1	326	4	309
13MAR85:20:00	0	.	.	.	22MAR85:04:00	2	337	4	315
14MAR85:00:00	2	50	4	78	22MAR85:08:00	3	348	5	354
14MAR85:04:00	3	67	4	45	22MAR85:12:00	3	337	5	348
14MAR85:08:00	2	33	4	73	22MAR85:16:00	3	343	5	331
14MAR85:12:00	2	331	4	0	22MAR85:20:00	2	331	4	331
14MAR85:16:00	3	331	5	343	23MAR85:00:00	2	354	3	0
14MAR85:20:00	3	331	5	337	23MAR85:04:00	2	343	3	5
15MAR85:00:00	3	331	4	298	23MAR85:08:00	2	326	4	315
15MAR85:04:00	4	331	6	0	23MAR85:12:00	2	343	3	0
15MAR85:08:00	4	331	6	298	23MAR85:16:00	2	50	3	78
15MAR85:12:00	3	337	5	337	23MAR85:20:00	0	.	.	.
15MAR85:16:00	2	5	3	337	24MAR85:00:00	2	202	4	191
15MAR85:20:00	1	213	2	157	24MAR85:04:00	2	185	3	191
16MAR85:00:00	2	303	5	315	24MAR85:08:00	0	.	.	.
16MAR85:04:00	2	315	5	320	24MAR85:12:00	1	112	4	180
16MAR85:08:00	2	326	5	343	24MAR85:16:00	2	202	5	208
16MAR85:12:00	2	337	4	0	24MAR85:20:00	0	.	2	213
16MAR85:16:00	2	331	4	343	25MAR85:00:00	0	.	.	.
16MAR85:20:00	2	315	4	281	25MAR85:04:00	0	.	2	112
17MAR85:00:00	2	303	4	298	25MAR85:08:00	0	.	.	.

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

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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
25MAR85:12:00	1	28	3	16	02APR85:20:00	5	320	8	315
25MAR85:16:00	1	67	3	354	03APR85:00:00	4	320	8	320
25MAR85:20:00	1	286	3	101	03APR85:04:00	3	309	6	309
26MAR85:00:00	1	348	2	33	03APR85:08:00	1	253	4	22
26MAR85:04:00	1	354	2	0	03APR85:12:00	1	135	3	230
26MAR85:08:00	2	343	4	337	03APR85:16:00	1	225	4	230
26MAR85:12:00	3	326	4	298	03APR85:20:00	1	270	2	225
26MAR85:16:00	3	337	4	129	04APR85:00:00	1	309	2	315
26MAR85:20:00	1	326	5	309	04APR85:04:00	2	303	3	320
27MAR85:00:00	2	315	4	309	04APR85:08:00	2	315	4	326
27MAR85:04:00	2	320	4	315	04APR85:12:00	2	309	4	343
27MAR85:08:00	2	337	4	337	04APR85:16:00	2	258	4	270
27MAR85:12:00	2	315	4	320	04APR85:20:00	1	236	3	230
27MAR85:16:00	3	225	5	174	05APR85:00:00	0	.	.	.
27MAR85:20:00	2	202	4	208	05APR85:04:00	2	337	3	343
28MAR85:00:00	1	309	4	320	05APR85:08:00	2	337	4	326
28MAR85:04:00	1	337	4	343	05APR85:12:00	2	326	3	331
28MAR85:08:00	1	326	4	309	05APR85:16:00	2	348	3	0
28MAR85:12:00	2	331	4	253	05APR85:20:00	2	343	4	0
28MAR85:16:00	1	348	4	348	06APR85:00:00	2	326	4	0
28MAR85:20:00	1	0	3	343	06APR85:04:00	3	326	6	320
29MAR85:00:00	2	348	4	0	06APR85:08:00	4	320	6	348
29MAR85:04:00	2	320	5	343	06APR85:12:00	4	331	7	326
29MAR85:08:00	3	337	4	326	06APR85:16:00	3	326	6	0
29MAR85:12:00	3	337	5	343	06APR85:20:00	3	320	5	303
29MAR85:16:00	3	337	5	326	07APR85:00:00	3	326	5	331
29MAR85:20:00	2	326	5	337	07APR85:04:00	3	315	6	320
30MAR85:00:00	2	298	4	236	07APR85:08:00	4	320	5	354
30MAR85:04:00	2	309	4	298	07APR85:12:00	3	326	6	286
30MAR85:08:00	2	320	5	326	07APR85:16:00	4	326	7	315
30MAR85:12:00	3	326	5	320	07APR85:20:00	3	326	7	315
30MAR85:16:00	2	320	5	298	08APR85:00:00	3	331	5	343
30MAR85:20:00	2	298	4	309	08APR85:04:00	2	303	3	315
31MAR85:00:00	2	303	5	281	08APR85:08:00	1	286	3	303
31MAR85:04:00	3	320	6	326	08APR85:12:00	3	309	6	286
31MAR85:08:00	2	348	4	331	08APR85:16:00	2	286	4	320
31MAR85:12:00	3	343	5	348	08APR85:20:00	2	298	3	343
31MAR85:16:00	3	292	5	298	09APR85:00:00	2	315	4	0
31MAR85:20:00	3	292	4	281	09APR85:04:00	1	331	3	326
01APR85:00:00	3	309	7	320	09APR85:08:00	1	354	3	16
01APR85:04:00	2	315	4	185	09APR85:12:00	2	61	4	106
01APR85:08:00	2	309	5	320	09APR85:16:00	2	247	4	258
01APR85:12:00	2	286	4	258	09APR85:20:00	1	225	4	191
01APR85:16:00	2	247	5	219	10APR85:00:00	1	292	4	0
01APR85:20:00	2	213	4	191	10APR85:04:00	2	292	4	275
02APR85:00:00	1	303	.	.	10APR85:08:00	2	303	4	281
02APR85:04:00	1	343	2	11	10APR85:12:00	2	303	4	264
02APR85:08:00	2	320	3	292	10APR85:16:00	2	253	4	241
02APR85:12:00	3	337	5	275	10APR85:20:00	1	264	3	253
02APR85:16:00	4	331	8	331	11APR85:00:00	3	303	5	0

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

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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
11APR85:04:00	3	320	5	331	19APR85:12:00	1	275	3	298
11APR85:08:00	3	320	5	348	19APR85:16:00	2	230	4	191
11APR85:12:00	3	331	5	0	19APR85:20:00	1	202	4	241
11APR85:16:00	2	241	4	258	20APR85:00:00	0	.	2	292
11APR85:20:00	1	230	3	230	20APR85:04:00	1	5	2	22
12APR85:00:00	1	303	3	343	20APR85:08:00	2	320	5	315
12APR85:04:00	2	315	4	326	20APR85:12:00	3	326	6	331
12APR85:08:00	1	315	3	180	20APR85:16:00	3	348	6	326
12APR85:12:00	2	270	4	348	20APR85:20:00	2	331	5	50
12APR85:16:00	2	219	4	225	21APR85:00:00	2	315	4	236
12APR85:20:00	1	225	3	258	21APR85:04:00	2	326	4	343
13APR85:00:00	1	275	3	315	21APR85:08:00	2	326	4	354
13APR85:04:00	1	275	3	326	21APR85:12:00	2	337	4	213
13APR85:08:00	2	146	5	185	21APR85:16:00	1	337	3	343
13APR85:12:00	3	191	5	180	21APR85:20:00	2	258	4	230
13APR85:16:00	3	202	5	168	22APR85:00:00	2	309	3	309
13APR85:20:00	2	208	4	185	22APR85:04:00	2	315	3	331
14APR85:00:00	0	.	.	.	22APR85:08:00	2	343	4	354
14APR85:04:00	2	45	3	22	22APR85:12:00	2	315	3	292
14APR85:08:00	2	331	4	292	22APR85:16:00	2	241	3	253
14APR85:12:00	3	315	6	298	22APR85:20:00	1	241	3	270
14APR85:16:00	3	315	6	309	23APR85:00:00	0	.	.	.
14APR85:20:00	3	343	5	0	23APR85:04:00	0	.	.	.
15APR85:00:00	3	320	6	0	23APR85:08:00	2	337	3	0
15APR85:04:00	3	337	5	298	23APR85:12:00	2	348	4	348
15APR85:08:00	2	320	4	337	23APR85:16:00	2	241	4	247
15APR85:12:00	3	337	4	326	23APR85:20:00	1	219	4	230
15APR85:16:00	2	258	3	45	24APR85:00:00	1	213	2	219
15APR85:20:00	1	0	3	73	24APR85:04:00	1	180	2	163
16APR85:00:00	0	.	2	320	24APR85:08:00	0	.	.	.
16APR85:04:00	1	348	4	39	24APR85:12:00	1	236	2	219
16APR85:08:00	1	331	4	33	24APR85:16:00	1	247	3	247
16APR85:12:00	3	39	6	11	24APR85:20:00	1	112	3	73
16APR85:16:00	4	61	9	45	25APR85:00:00	0	.	.	.
16APR85:20:00	4	45	7	0	25APR85:04:00	1	315	3	331
17APR85:00:00	2	16	4	50	25APR85:08:00	1	0	3	348
17APR85:04:00	3	320	4	320	25APR85:12:00	2	303	3	0
17APR85:08:00	2	331	4	331	25APR85:16:00	2	286	4	241
17APR85:12:00	1	275	3	241	25APR85:20:00	3	191	5	191
17APR85:16:00	2	208	4	196	26APR85:00:00	1	168	3	191
17APR85:20:00	2	208	4	191	26APR85:04:00	0	.	.	.
18APR85:00:00	1	208	2	196	26APR85:08:00	2	39	4	354
18APR85:04:00	1	241	3	196	26APR85:12:00	4	343	8	5
18APR85:08:00	1	236	4	275	26APR85:16:00	4	11	8	180
18APR85:12:00	2	270	4	337	26APR85:20:00	4	337	10	298
18APR85:16:00	4	196	5	185	27APR85:00:00	3	315	5	337
18APR85:20:00	2	213	5	174	27APR85:04:00	3	320	6	354
19APR85:00:00	1	309	3	331	27APR85:08:00	3	320	7	326
19APR85:04:00	1	298	3	309	27APR85:12:00	2	337	4	326
19APR85:08:00	1	286	3	298	27APR85:16:00	3	196	4	196

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

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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
27APR85:20:00	3	202	5	191	06MAY85:04:00	0	.	.	.
28APR85:00:00	2	298	4	298	06MAY85:08:00	1	78	2	90
28APR85:04:00	1	320	3	320	06MAY85:12:00	1	213	3	230
28APR85:08:00	1	292	3	309	06MAY85:16:00	2	286	4	343
28APR85:12:00	2	236	4	264	06MAY85:20:00	3	196	8	163
28APR85:16:00	2	236	4	191	07MAY85:00:00	3	208	6	202
28APR85:20:00	2	202	4	196	07MAY85:04:00	5	185	10	191
29APR85:00:00	1	208	3	191	07MAY85:08:00	5	180	10	168
29APR85:04:00	1	140	3	219	07MAY85:12:00	4	185	7	163
29APR85:08:00	1	95	2	95	07MAY85:16:00	4	213	6	208
29APR85:12:00	1	230	3	258	07MAY85:20:00	2	219	6	202
29APR85:16:00	3	146	9	112	08MAY85:00:00	2	129	5	185
29APR85:20:00	4	174	8	180	08MAY85:04:00	2	61	4	67
30APR85:00:00	0	.	2	28	08MAY85:08:00	0	.	.	.
30APR85:04:00	0	.	2	56	08MAY85:12:00	1	303	9	191
30APR85:08:00	1	16	4	78	08MAY85:16:00	4	168	8	180
30APR85:12:00	2	140	3	258	08MAY85:20:00	4	196	9	236
30APR85:16:00	3	225	4	202	09MAY85:00:00	4	185	7	202
30APR85:20:00	2	298	4	196	09MAY85:04:00	4	185	6	191
01MAY85:00:00	1	343	3	354	09MAY85:08:00	3	180	7	196
01MAY85:04:00	1	348	3	78	09MAY85:12:00	2	213	4	196
01MAY85:08:00	0	.	2	67	09MAY85:16:00	3	185	4	196
01MAY85:12:00	2	101	4	90	09MAY85:20:00	3	157	4	191
01MAY85:16:00	1	174	4	185	10MAY85:00:00	0	.	.	.
01MAY85:20:00	2	225	6	196	10MAY85:04:00	2	180	4	191
02MAY85:00:00	0	.	.	.	10MAY85:08:00	1	168	4	191
02MAY85:04:00	1	320	3	354	10MAY85:12:00	1	174	4	191
02MAY85:08:00	2	326	4	343	10MAY85:16:00	1	253	4	219
02MAY85:12:00	3	326	5	348	10MAY85:20:00	0	.	2	337
02MAY85:16:00	3	337	5	343	11MAY85:00:00	0	.	2	196
02MAY85:20:00	1	241	4	208	11MAY85:04:00	0	.	.	.
03MAY85:00:00	0	.	2	298	11MAY85:08:00	0	.	.	.
03MAY85:04:00	1	28	4	354	11MAY85:12:00	1	258	3	241
03MAY85:08:00	1	45	3	39	11MAY85:16:00	2	275	5	348
03MAY85:12:00	2	241	3	236	11MAY85:20:00	2	315	4	292
03MAY85:16:00	2	286	4	253	12MAY85:00:00	1	281	3	331
03MAY85:20:00	3	225	5	191	12MAY85:04:00	0	.	.	.
04MAY85:00:00	1	236	3	185	12MAY85:08:00	1	337	3	331
04MAY85:04:00	0	.	.	.	12MAY85:12:00	1	39	3	354
04MAY85:08:00	1	225	3	185	12MAY85:16:00	2	219	4	78
04MAY85:12:00	1	241	3	253	12MAY85:20:00	2	286	4	326
04MAY85:16:00	2	264	4	253	13MAY85:00:00	1	236	2	270
04MAY85:20:00	2	230	4	230	13MAY85:04:00	1	219	3	191
05MAY85:00:00	2	202	4	185	13MAY85:08:00	0	.	.	.
05MAY85:04:00	2	180	4	191	13MAY85:12:00	2	33	3	0
05MAY85:08:00	2	151	5	180	13MAY85:16:00	3	208	5	180
05MAY85:12:00	3	202	6	196	13MAY85:20:00	2	163	4	185
05MAY85:16:00	3	191	5	191	14MAY85:00:00	2	213	4	219
05MAY85:20:00	2	225	4	202	14MAY85:04:00	1	146	3	202
06MAY85:00:00	0	.	.	.	14MAY85:08:00	1	337	4	0

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS

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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
14MAY85:12:00	3	16	6	348	22MAY85:20:00	3	208	5	191
14MAY85:16:00	3	5	7	354	23MAY85:00:00	1	230	.	.
14MAY85:20:00	4	343	9	343	23MAY85:04:00	2	0	4	0
15MAY85:00:00	3	331	6	354	23MAY85:08:00	2	28	4	0
15MAY85:04:00	3	320	5	315	23MAY85:12:00	2	11	5	67
15MAY85:08:00	1	354	4	0	23MAY85:16:00	3	146	5	191
15MAY85:12:00	1	39	4	123	23MAY85:20:00	4	196	8	225
15MAY85:16:00	3	151	5	67	24MAY85:00:00	2	196	4	196
15MAY85:20:00	3	196	5	196	24MAY85:04:00	1	180	3	225
16MAY85:00:00	2	185	5	185	24MAY85:08:00	2	78	3	101
16MAY85:04:00	2	174	4	180	24MAY85:12:00	1	11	3	343
16MAY85:08:00	1	140	3	180	24MAY85:16:00	2	286	4	281
16MAY85:12:00	4	185	7	219	24MAY85:20:00	2	225	5	230
16MAY85:16:00	4	208	6	202	25MAY85:00:00	1	241	4	196
16MAY85:20:00	4	213	6	225	25MAY85:04:00	0	.	.	.
17MAY85:00:00	2	208	3	202	25MAY85:08:00	1	354	3	0
17MAY85:04:00	0	.	.	.	25MAY85:12:00	2	354	4	354
17MAY85:08:00	1	11	2	354	25MAY85:16:00	2	275	4	219
17MAY85:12:00	2	95	4	146	25MAY85:20:00	2	213	5	185
17MAY85:16:00	3	135	5	118	26MAY85:00:00	1	253	.	.
17MAY85:20:00	3	196	5	236	26MAY85:04:00	2	225	4	191
18MAY85:00:00	1	348	3	16	26MAY85:08:00	2	208	3	213
18MAY85:04:00	1	50	4	135	26MAY85:12:00	2	208	4	225
18MAY85:08:00	1	16	2	39	26MAY85:16:00	3	202	4	180
18MAY85:12:00	2	258	5	157	26MAY85:20:00	3	208	5	185
18MAY85:16:00	3	146	6	163	27MAY85:00:00	2	202	4	191
18MAY85:20:00	4	168	6	180	27MAY85:04:00	1	112	.	.
19MAY85:00:00	5	191	8	185	27MAY85:08:00	1	101	2	84
19MAY85:04:00	4	185	7	196	27MAY85:12:00	1	241	3	157
19MAY85:08:00	4	185	6	196	27MAY85:16:00	3	196	5	185
19MAY85:12:00	3	208	5	208	27MAY85:20:00	4	208	8	191
19MAY85:16:00	2	348	4	185	28MAY85:00:00	2	219	4	225
19MAY85:20:00	2	309	5	309	28MAY85:04:00	1	292	.	.
20MAY85:00:00	2	292	5	298	28MAY85:08:00	1	354	3	0
20MAY85:04:00	2	315	3	303	28MAY85:12:00	1	315	2	326
20MAY85:08:00	1	303	4	309	28MAY85:16:00	1	320	3	348
20MAY85:12:00	3	331	5	331	28MAY85:20:00	2	286	4	253
20MAY85:16:00	3	320	8	343	29MAY85:00:00	1	298	4	315
20MAY85:20:00	4	337	8	0	29MAY85:04:00	1	298	2	326
21MAY85:00:00	1	326	4	343	29MAY85:08:00	1	326	2	337
21MAY85:04:00	0	.	.	.	29MAY85:12:00	1	292	3	185
21MAY85:08:00	2	337	4	320	29MAY85:16:00	3	191	5	196
21MAY85:12:00	2	303	4	298	29MAY85:20:00	2	225	4	230
21MAY85:16:00	2	258	5	270	30MAY85:00:00	1	320	3	253
21MAY85:20:00	2	286	4	326	30MAY85:04:00	0	.	3	56
22MAY85:00:00	1	298	4	258	30MAY85:08:00	2	33	5	67
22MAY85:04:00	1	298	3	331	30MAY85:12:00	2	331	4	90
22MAY85:08:00	2	337	4	331	30MAY85:16:00	3	315	5	315
22MAY85:12:00	2	348	4	5	30MAY85:20:00	2	286	4	281
22MAY85:16:00	2	286	5	348	31MAY85:00:00	1	292	3	298

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

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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
31MAY85:04:00	1	286	2	292	08JUN85:12:00	3	196	5	174
31MAY85:08:00	1	286	3	281	08JUN85:16:00	2	208	4	185
31MAY85:12:00	2	275	4	286	08JUN85:20:00	1	180	3	191
31MAY85:16:00	2	286	3	298	09JUN85:00:00	3	196	5	208
31MAY85:20:00	1	292	4	315	09JUN85:04:00	1	174	3	157
01JUN85:00:00	1	315	3	348	09JUN85:08:00	0	.	.	.
01JUN85:04:00	1	337	4	315	09JUN85:12:00	1	219	3	112
01JUN85:08:00	1	28	3	45	09JUN85:16:00	2	236	5	230
01JUN85:12:00	2	123	6	129	09JUN85:20:00	2	236	4	298
01JUN85:16:00	4	157	7	157	10JUN85:00:00	1	196	4	202
01JUN85:20:00	4	174	6	163	10JUN85:04:00	0	.	.	.
02JUN85:00:00	1	292	4	168	10JUN85:08:00	0	.	3	78
02JUN85:04:00	1	348	3	348	10JUN85:12:00	2	11	4	0
02JUN85:08:00	1	5	3	326	10JUN85:16:00	2	180	5	219
02JUN85:12:00	2	354	4	0	10JUN85:20:00	3	219	4	253
02JUN85:16:00	3	348	5	337	11JUN85:00:00	2	208	4	202
02JUN85:20:00	1	331	3	0	11JUN85:04:00	2	202	3	185
03JUN85:00:00	2	315	3	348	11JUN85:08:00	0	.	3	90
03JUN85:04:00	2	337	3	337	11JUN85:12:00	0	.	2	236
03JUN85:08:00	1	343	3	343	11JUN85:16:00	2	286	4	28
03JUN85:12:00	3	78	6	90	11JUN85:20:00	1	185	4	33
03JUN85:16:00	4	185	7	202	12JUN85:00:00	1	174	3	180
03JUN85:20:00	3	202	7	196	12JUN85:04:00	2	202	4	174
04JUN85:00:00	1	298	.	.	12JUN85:08:00	1	180	3	180
04JUN85:04:00	1	331	2	331	12JUN85:12:00	2	180	4	191
04JUN85:08:00	0	.	.	.	12JUN85:16:00	2	157	5	191
04JUN85:12:00	1	213	5	208	12JUN85:20:00	1	135	3	157
04JUN85:16:00	5	185	9	191	13JUN85:00:00	0	.	2	196
04JUN85:20:00	6	185	8	208	13JUN85:04:00	0	.	.	.
05JUN85:00:00	3	202	7	185	13JUN85:08:00	0	.	.	.
05JUN85:04:00	1	180	3	196	13JUN85:12:00	1	236	3	236
05JUN85:08:00	2	213	6	225	13JUN85:16:00	2	292	4	5
05JUN85:12:00	2	196	6	213	13JUN85:20:00	2	281	5	213
05JUN85:16:00	3	208	5	225	14JUN85:00:00	1	292	4	185
05JUN85:20:00	3	219	5	202	14JUN85:04:00	0	.	.	.
06JUN85:00:00	3	202	5	213	14JUN85:08:00	1	331	4	0
06JUN85:04:00	3	185	5	180	14JUN85:12:00	2	348	4	315
06JUN85:08:00	2	185	4	208	14JUN85:16:00	2	213	5	202
06JUN85:12:00	2	202	4	180	14JUN85:20:00	3	106	5	196
06JUN85:16:00	2	202	4	168	15JUN85:00:00	2	185	4	225
06JUN85:20:00	2	191	4	180	15JUN85:04:00	1	185	3	225
07JUN85:00:00	1	196	4	213	15JUN85:08:00	1	118	2	101
07JUN85:04:00	0	.	.	.	15JUN85:12:00	2	191	4	180
07JUN85:08:00	1	112	.	.	15JUN85:16:00	2	202	4	202
07JUN85:12:00	1	135	4	185	15JUN85:20:00	2	196	6	180
07JUN85:16:00	2	174	4	196	16JUN85:00:00	2	202	4	180
07JUN85:20:00	2	219	4	180	16JUN85:04:00	0	.	3	174
08JUN85:00:00	0	.	.	.	16JUN85:08:00	0	.	.	.
08JUN85:04:00	1	56	3	95	16JUN85:12:00	1	230	3	157
08JUN85:08:00	1	303	3	73	16JUN85:16:00	1	22	4	0

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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
16JUN85:20:00	3	208	5	174	25JUN85:04:00	0	.	.	.
17JUN85:00:00	1	225	4	219	25JUN85:08:00	0	.	.	.
17JUN85:04:00	0	.	.	.	25JUN85:12:00	1	135	3	129
17JUN85:08:00	2	337	4	326	25JUN85:16:00	1	123	3	101
17JUN85:12:00	2	348	4	354	25JUN85:20:00	2	196	5	180
17JUN85:16:00	2	331	4	343	26JUN85:00:00	1	185	3	230
17JUN85:20:00	1	219	4	180	26JUN85:00:55	1	225	3	230
18JUN85:00:00	0	.	.	.	26JUN85:04:00	0	.	2	191
18JUN85:04:00	1	202	4	208	26JUN85:08:00	0	.	.	.
18JUN85:08:00	3	191	6	202	26JUN85:12:00	0	.	3	67
18JUN85:12:00	3	185	5	196	26JUN85:16:00	0	.	3	67
18JUN85:16:00	2	163	5	185	26JUN85:20:55	2	230	5	219
18JUN85:20:00	2	196	4	196	27JUN85:00:55	1	213	3	208
19JUN85:00:00	1	264	2	270	27JUN85:04:55	0	.	.	.
19JUN85:04:00	1	264	4	213	27JUN85:08:55	1	90	3	84
19JUN85:08:00	1	11	2	33	27JUN85:12:55	1	168	4	84
19JUN85:12:00	1	331	3	331	27JUN85:16:55	2	213	4	168
19JUN85:16:00	2	236	5	140	27JUN85:20:55	2	208	5	213
19JUN85:20:00	3	191	6	191	28JUN85:00:55	2	208	4	225
20JUN85:00:00	2	202	4	163	28JUN85:04:55	1	174	3	202
20JUN85:04:00	2	208	4	185	28JUN85:08:55	1	101	3	95
20JUN85:08:00	1	264	2	33	28JUN85:12:55	2	202	5	185
20JUN85:12:00	2	354	4	0	28JUN85:16:55	2	219	4	213
20JUN85:16:00	1	208	4	185	28JUN85:20:55	3	208	5	225
20JUN85:20:00	1	106	3	95	29JUN85:00:55	0	.	.	.
21JUN85:00:00	1	213	4	241	29JUN85:04:55	0	.	2	191
21JUN85:04:00	0	.	.	.	29JUN85:08:55	0	.	.	.
21JUN85:08:00	0	.	.	.	29JUN85:12:55	1	236	4	230
21JUN85:12:00	1	225	4	191	29JUN85:16:55	2	208	4	174
21JUN85:16:00	2	202	5	185	29JUN85:20:55	2	202	4	191
21JUN85:20:00	3	202	4	185	30JUN85:00:55	1	208	3	196
22JUN85:00:00	2	208	3	213	30JUN85:04:55	0	.	.	.
22JUN85:04:00	1	140	3	213	30JUN85:08:55	0	.	.	.
22JUN85:08:00	1	157	3	174	30JUN85:12:55	1	264	2	225
22JUN85:12:00	1	202	4	202	30JUN85:16:55	1	11	4	264
22JUN85:16:00	2	202	5	185	30JUN85:20:55	3	196	5	191
22JUN85:20:00	3	213	6	185	01JUL85:00:55	1	174	4	185
23JUN85:00:00	2	202	4	213	01JUL85:04:55	0	.	2	230
23JUN85:04:00	1	157	4	185	01JUL85:08:55	1	180	4	202
23JUN85:08:00	0	.	.	.	01JUL85:12:55	2	163	4	163
23JUN85:12:00	1	247	4	202	01JUL85:16:55	3	140	6	140
23JUN85:16:00	2	208	4	191	01JUL85:20:55	2	163	5	140
23JUN85:20:00	4	180	9	191	02JUL85:00:55	0	.	2	286
24JUN85:00:00	3	208	4	191	02JUL85:04:55	0	.	3	90
24JUN85:04:00	1	343	4	11	02JUL85:08:55	1	331	3	0
24JUN85:08:00	1	320	4	292	02JUL85:12:55	1	241	4	213
24JUN85:12:00	3	348	6	5	02JUL85:16:55	2	213	5	191
24JUN85:16:00	3	320	5	28	02JUL85:20:55	2	219	4	236
24JUN85:20:00	3	202	6	185	03JUL85:00:55	1	320	2	354
25JUN85:00:00	1	213	4	191	03JUL85:04:55	0	.	.	.

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

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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
03JUL85:08:55	1	16	.	.	11JUL85:16:55	2	191	7	180
03JUL85:12:55	1	0	.	.	11JUL85:20:55	3	196	7	185
03JUL85:16:55	1	326	3	343	12JUL85:00:55	1	202	3	174
03JUL85:20:55	1	354	3	5	12JUL85:04:55	1	202	2	196
04JUL85:00:55	2	208	3	174	12JUL85:08:55	1	185	4	208
04JUL85:04:55	0	.	.	.	12JUL85:12:55	2	202	4	185
04JUL85:08:55	1	258	3	174	12JUL85:16:55	3	202	4	275
04JUL85:12:55	1	253	3	191	12JUL85:20:55	3	208	4	213
04JUL85:16:55	2	208	4	208	13JUL85:00:55	2	202	4	163
04JUL85:20:55	2	202	5	196	13JUL85:04:55	1	191	4	208
05JUL85:00:55	2	202	4	185	13JUL85:08:55	0	.	3	202
05JUL85:04:55	1	196	3	191	13JUL85:12:55	0	.	2	90
05JUL85:08:55	0	.	.	.	13JUL85:16:55	2	208	4	174
05JUL85:12:55	1	180	3	309	13JUL85:20:55	2	196	4	185
05JUL85:16:55	2	213	5	202	14JUL85:00:55	1	236	.	.
05JUL85:20:55	3	213	4	185	14JUL85:04:55	0	.	.	.
06JUL85:00:55	2	196	4	213	14JUL85:08:55	0	.	2	174
06JUL85:04:55	1	129	3	157	14JUL85:12:55	1	202	2	208
06JUL85:08:55	1	106	3	101	14JUL85:16:55	2	191	4	213
06JUL85:12:55	2	196	4	185	14JUL85:20:55	2	219	4	225
06JUL85:16:55	3	208	5	196	15JUL85:00:55	3	202	5	213
06JUL85:20:55	3	202	4	191	15JUL85:04:55	0	.	.	.
07JUL85:00:55	1	225	4	202	15JUL85:08:55	0	.	4	225
07JUL85:04:55	1	56	3	67	15JUL85:12:55	1	219	4	247
07JUL85:08:55	1	50	3	90	15JUL85:16:55	2	208	4	225
07JUL85:12:55	1	331	.	.	15JUL85:20:55	3	208	7	202
07JUL85:16:55	1	45	3	45	16JUL85:00:55	2	196	4	213
07JUL85:20:55	1	16	2	5	16JUL85:04:55	1	174	3	208
08JUL85:00:55	1	219	3	202	16JUL85:08:55	0	.	3	219
08JUL85:04:55	1	219	3	219	16JUL85:12:55	1	219	3	225
08JUL85:08:55	1	219	.	.	16JUL85:16:55	2	236	4	241
08JUL85:12:55	2	213	3	185	16JUL85:20:55	3	213	5	191
08JUL85:16:55	2	219	5	196	17JUL85:00:55	0	.	.	.
08JUL85:20:55	2	213	5	208	17JUL85:04:55	0	.	3	208
09JUL85:00:55	2	208	4	185	17JUL85:08:55	1	90	.	.
09JUL85:04:55	1	168	3	185	17JUL85:12:55	1	118	3	196
09JUL85:08:55	0	.	3	202	17JUL85:16:55	1	236	4	202
09JUL85:12:55	2	202	4	253	17JUL85:20:55	1	219	3	180
09JUL85:16:55	2	202	4	202	18JUL85:00:55	0	.	2	230
09JUL85:20:55	3	213	4	202	18JUL85:04:55	1	163	3	84
10JUL85:00:55	0	.	2	241	18JUL85:08:55	0	.	3	219
10JUL85:04:55	2	196	5	180	18JUL85:12:55	2	174	4	180
10JUL85:08:55	1	174	2	191	18JUL85:16:55	3	196	5	185
10JUL85:12:55	1	191	.	.	18JUL85:20:55	3	202	5	208
10JUL85:16:55	2	219	5	180	19JUL85:00:55	0	.	2	39
10JUL85:20:55	2	225	4	202	19JUL85:04:55	0	.	3	73
11JUL85:00:55	2	208	3	196	19JUL85:08:55	1	16	3	28
11JUL85:04:55	0	.	.	.	19JUL85:12:55	1	16	3	0
11JUL85:08:55	0	.	.	.	19JUL85:16:55	2	270	4	196
11JUL85:12:55	1	320	.	.	19JUL85:20:55	1	168	3	101

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

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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
20JUL85:00:55	2	219	5	225	28JUL85:08:55	0	.	.	.
20JUL85:04:55	0	.	.	.	28JUL85:12:55	1	61	3	5
20JUL85:08:55	0	.	.	.	28JUL85:16:55	2	157	4	191
20JUL85:12:55	1	61	.	.	28JUL85:20:55	2	213	4	219
20JUL85:16:55	2	84	4	106	29JUL85:00:55	1	219	2	219
20JUL85:20:55	2	191	4	180	29JUL85:04:55	2	202	4	196
21JUL85:00:55	0	.	.	.	29JUL85:08:55	0	.	3	208
21JUL85:04:55	0	.	4	208	29JUL85:12:55	1	219	.	.
21JUL85:08:55	1	230	3	236	29JUL85:16:55	1	213	3	230
21JUL85:12:55	2	230	3	236	29JUL85:20:55	2	208	4	196
21JUL85:16:55	1	275	3	0	30JUL85:00:55	1	185	2	202
21JUL85:20:55	1	315	2	16	30JUL85:04:55	0	.	.	.
22JUL85:00:55	0	.	.	.	30JUL85:08:55	1	191	3	196
22JUL85:04:55	0	.	2	326	30JUL85:12:55	1	208	3	219
22JUL85:08:55	0	.	.	.	30JUL85:16:55	1	208	3	191
22JUL85:12:55	1	5	3	337	30JUL85:20:55	2	208	4	191
22JUL85:16:55	2	208	4	196	31JUL85:00:55	0	.	.	.
22JUL85:20:55	1	163	3	208	31JUL85:04:55	2	196	4	213
23JUL85:00:55	0	.	.	.	31JUL85:08:55	1	191	4	219
23JUL85:04:55	1	39	.	.	31JUL85:12:55	1	174	3	168
23JUL85:08:55	1	0	3	343	31JUL85:16:55	2	73	4	50
23JUL85:12:55	1	354	3	337	31JUL85:20:55	1	78	2	101
23JUL85:16:55	1	11	4	343	01AUG85:00:55	1	191	3	146
23JUL85:20:55	1	168	2	191	01AUG85:04:55	0	.	.	.
24JUL85:00:55	1	180	3	180	01AUG85:08:55	1	61	.	.
24JUL85:04:55	1	168	4	196	01AUG85:12:55	2	16	4	348
24JUL85:08:55	2	174	4	196	01AUG85:16:55	1	292	4	0
24JUL85:12:55	3	191	5	174	01AUG85:20:55	2	196	4	185
24JUL85:16:55	2	196	6	174	02AUG85:00:55	1	118	4	191
24JUL85:20:55	3	213	6	230	02AUG85:04:55	1	174	2	191
25JUL85:00:55	2	196	4	196	02AUG85:08:55	1	123	2	101
25JUL85:04:55	1	106	3	90	02AUG85:12:55	1	180	3	236
25JUL85:08:55	1	95	2	95	02AUG85:16:55	1	135	3	191
25JUL85:12:55	2	196	4	241	02AUG85:20:55	3	84	4	90
25JUL85:16:55	2	225	4	196	03AUG85:00:55	1	90	3	135
25JUL85:20:55	2	225	4	225	03AUG85:04:55	1	208	3	196
26JUL85:00:55	2	213	6	225	03AUG85:08:55	0	.	.	.
26JUL85:04:55	1	191	4	196	03AUG85:12:55	2	185	4	196
26JUL85:08:55	1	191	3	196	03AUG85:16:55	2	191	4	219
26JUL85:12:55	3	202	5	185	03AUG85:20:55	2	151	3	202
26JUL85:16:55	3	213	5	208	04AUG85:00:55	0	.	2	213
26JUL85:20:55	3	196	6	202	04AUG85:04:55	2	73	3	78
27JUL85:00:55	2	213	4	225	04AUG85:08:55	1	56	3	56
27JUL85:04:55	1	174	3	236	04AUG85:12:55	2	22	4	354
27JUL85:08:55	0	.	.	.	04AUG85:16:55	2	343	4	5
27JUL85:12:55	1	208	3	292	04AUG85:20:55	1	337	4	16
27JUL85:16:55	2	191	4	202	05AUG85:00:55	2	191	4	202
27JUL85:20:55	2	202	4	185	05AUG85:04:55	2	180	4	163
28JUL85:00:55	1	219	4	208	05AUG85:08:55	0	.	.	.
28JUL85:04:55	0	.	.	.	05AUG85:12:55	2	168	4	185

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POINT MACKENZIE DATA REPORT

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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
05AUG85:16:55	3	196	4	185	14AUG85:00:55	1	326	7	219
05AUG85:20:55	2	202	4	202	14AUG85:04:55	1	73	3	95
06AUG85:00:55	1	174	3	213	14AUG85:08:55	1	78	2	45
06AUG85:04:55	1	112	2	90	14AUG85:12:55	1	5	3	33
06AUG85:08:55	1	146	4	101	14AUG85:16:55	1	326	2	264
06AUG85:12:55	2	101	4	202	14AUG85:20:55	2	315	5	208
06AUG85:16:55	2	236	4	241	15AUG85:00:55	3	180	4	191
06AUG85:20:55	2	196	4	225	15AUG85:04:55	3	213	6	247
07AUG85:00:55	3	202	6	208	15AUG85:08:55	4	180	8	191
07AUG85:04:55	1	67	2	61	15AUG85:12:55	5	185	9	191
07AUG85:08:55	0	.	2	78	15AUG85:16:55	4	180	8	191
07AUG85:12:55	1	337	3	348	15AUG85:20:55	4	180	6	151
07AUG85:16:55	2	337	4	354	16AUG85:00:55	0	.	.	.
07AUG85:20:55	1	320	3	354	16AUG85:04:55	2	191	4	185
08AUG85:00:55	2	90	4	73	16AUG85:08:55	0	.	3	174
08AUG85:04:55	3	185	5	174	16AUG85:12:55	2	185	4	196
08AUG85:08:55	4	191	7	185	16AUG85:16:55	2	219	4	196
08AUG85:12:55	4	185	7	180	16AUG85:20:55	2	213	4	202
08AUG85:16:55	4	191	6	168	17AUG85:00:55	0	.	.	.
08AUG85:20:55	2	168	5	202	17AUG85:04:55	0	.	.	.
09AUG85:00:55	1	309	3	303	17AUG85:08:55	1	78	3	73
09AUG85:04:55	2	78	4	73	17AUG85:12:55	1	253	.	.
09AUG85:08:55	2	67	4	45	17AUG85:16:55	1	61	4	67
09AUG85:12:55	1	39	4	84	17AUG85:20:55	2	191	4	151
09AUG85:16:55	1	0	2	33	18AUG85:00:55	2	208	4	208
09AUG85:20:55	1	354	3	354	18AUG85:04:55	1	84	2	90
10AUG85:00:55	4	185	5	180	18AUG85:08:55	1	67	2	50
10AUG85:04:55	1	309	3	286	18AUG85:12:55	1	129	.	.
10AUG85:08:55	2	191	6	180	18AUG85:16:55	2	213	4	258
10AUG85:12:55	5	185	8	180	18AUG85:20:55	2	196	4	196
10AUG85:16:55	5	191	8	174	19AUG85:00:55	0	.	.	.
10AUG85:20:55	4	196	7	213	19AUG85:04:55	2	191	4	202
11AUG85:00:55	0	.	2	354	19AUG85:08:55	0	.	.	.
11AUG85:04:55	2	168	5	180	19AUG85:12:55	1	174	2	191
11AUG85:08:55	2	112	3	78	19AUG85:16:55	1	202	3	191
11AUG85:12:55	2	84	3	84	19AUG85:20:55	0	.	3	225
11AUG85:16:55	1	101	3	39	20AUG85:00:55	1	84	2	95
11AUG85:20:55	0	.	.	.	20AUG85:04:55	2	56	4	28
12AUG85:00:55	2	90	3	106	20AUG85:08:55	2	61	4	45
12AUG85:04:55	1	33	3	16	20AUG85:12:55	2	50	3	73
12AUG85:08:55	1	78	3	73	20AUG85:16:55	1	50	4	90
12AUG85:12:55	2	90	4	95	20AUG85:20:55	0	.	.	.
12AUG85:16:55	2	95	4	90	21AUG85:00:55	2	185	3	191
12AUG85:20:55	2	95	4	118	21AUG85:04:55	2	67	3	78
13AUG85:00:55	0	.	.	.	21AUG85:08:55	2	22	4	45
13AUG85:04:55	2	146	4	123	21AUG85:12:55	2	326	4	337
13AUG85:08:55	1	95	3	101	21AUG85:16:55	1	309	4	303
13AUG85:12:55	1	185	4	196	21AUG85:20:55	2	219	4	196
13AUG85:16:55	2	202	4	213	22AUG85:00:55	0	.	.	.
13AUG85:20:55	2	191	3	196	22AUG85:04:55	1	151	.	.

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

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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
22AUG85:08:55	1	112	.	.	30AUG85:16:55	1	22	4	343
22AUG85:12:55	1	163	2	168	30AUG85:20:55	1	196	3	202
22AUG85:16:55	1	84	4	73	31AUG85:00:55	0	.	.	.
22AUG85:20:55	1	292	4	354	31AUG85:04:55	2	95	3	101
23AUG85:00:55	0	.	.	.	31AUG85:08:55	1	84	2	78
23AUG85:04:55	0	.	.	.	31AUG85:12:55	0	.	2	33
23AUG85:08:55	0	.	.	.	31AUG85:16:55	2	56	4	28
23AUG85:12:55	0	.	.	.	31AUG85:20:55	0	.	.	.
23AUG85:16:55	1	174	3	174	01SEP85:00:55	4	180	8	168
23AUG85:20:55	1	202	3	213	01SEP85:04:55	1	22	2	326
24AUG85:00:55	2	208	4	225	01SEP85:08:55	2	39	3	45
24AUG85:04:55	1	90	3	78	01SEP85:12:55	0	.	2	264
24AUG85:08:55	1	90	.	.	01SEP85:16:55	3	180	5	180
24AUG85:12:55	2	135	3	202	01SEP85:20:55	3	168	4	202
24AUG85:16:55	2	213	3	191	02SEP85:00:55	0	.	.	.
24AUG85:20:55	2	225	4	196	02SEP85:04:55	4	180	8	196
25AUG85:00:55	0	.	.	.	02SEP85:08:55	2	174	4	191
25AUG85:04:55	0	.	.	.	02SEP85:12:55	3	180	5	174
25AUG85:08:55	0	.	.	.	02SEP85:16:55	1	191	4	196
25AUG85:12:55	1	337	2	230	02SEP85:20:55	0	.	3	202
25AUG85:16:55	1	275	4	5	03SEP85:00:55	1	196	3	196
25AUG85:20:55	0	.	3	331	03SEP85:04:55	0	.	.	.
26AUG85:00:55	1	208	.	.	03SEP85:08:55	0	.	.	.
26AUG85:04:55	0	.	.	.	03SEP85:12:55	1	213	2	281
26AUG85:08:55	0	.	.	.	03SEP85:16:55	2	213	4	213
26AUG85:12:55	1	270	2	315	03SEP85:20:55	2	196	4	157
26AUG85:16:55	1	303	4	253	04SEP85:00:55	2	320	4	326
26AUG85:20:55	2	208	4	185	04SEP85:04:55	1	219	2	185
27AUG85:00:55	1	157	.	.	04SEP85:08:55	0	.	2	320
27AUG85:04:55	0	.	.	.	04SEP85:12:55	2	337	4	337
27AUG85:08:55	0	.	.	.	04SEP85:16:55	3	5	5	348
27AUG85:12:55	1	270	.	.	04SEP85:20:55	2	331	5	348
27AUG85:16:55	1	275	3	275	05SEP85:04:55	2	326	4	326
27AUG85:20:55	2	219	4	213	05SEP85:08:55	2	315	4	303
28AUG85:00:55	0	.	.	.	05SEP85:12:55	2	315	4	348
28AUG85:04:55	2	78	3	73	05SEP85:19:30	2	337	5	348
28AUG85:08:55	2	73	3	78	05SEP85:23:30	1	236	4	174
28AUG85:12:55	1	95	2	61	06SEP85:03:30	0	.	2	90
28AUG85:16:55	1	225	.	.	06SEP85:07:30	1	73	3	90
28AUG85:20:55	1	292	2	320	06SEP85:11:30	1	78	3	95
29AUG85:00:55	0	.	.	.	06SEP85:15:30	2	118	5	174
29AUG85:04:55	0	.	.	.	06SEP85:19:30	2	180	4	168
29AUG85:08:55	0	.	.	.	06SEP85:23:30	0	.	3	196
29AUG85:12:55	1	50	3	84	07SEP85:03:30	0	.	.	.
29AUG85:16:55	1	180	2	191	07SEP85:07:30	1	84	2	73
29AUG85:20:55	0	.	2	0	07SEP85:11:30	1	67	.	.
30AUG85:00:55	0	.	.	.	07SEP85:15:30	0	.	.	.
30AUG85:04:55	1	39	2	45	07SEP85:19:30	2	202	4	163
30AUG85:08:55	0	.	.	.	07SEP85:23:30	2	174	4	191
30AUG85:12:55	1	28	4	343	08SEP85:03:30	1	73	3	61

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POINT MACKENZIE DATA REPORT

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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
08SEP85:07:30	2	84	3	67	16SEP85:15:30	3	331	5	348
08SEP85:11:30	1	95	3	90	16SEP85:19:30	3	331	5	303
08SEP85:15:30	2	129	4	151	16SEP85:23:30	2	309	5	309
08SEP85:19:30	2	151	6	202	17SEP85:03:30	2	320	4	309
08SEP85:23:30	4	191	6	191	17SEP85:07:30	0	.	2	354
09SEP85:03:30	3	191	5	208	17SEP85:11:30	0	.	.	.
09SEP85:07:30	1	180	3	196	17SEP85:15:30	1	331	4	343
09SEP85:11:30	0	.	.	.	17SEP85:19:30	2	315	4	309
09SEP85:15:30	1	168	3	191	17SEP85:23:30	1	191	4	208
09SEP85:19:30	1	157	4	196	18SEP85:03:30	1	84	3	90
09SEP85:23:30	1	191	3	112	18SEP85:07:30	1	45	3	50
10SEP85:03:30	0	.	.	.	18SEP85:11:30	1	315	3	180
10SEP85:07:30	0	.	.	.	18SEP85:15:30	2	320	5	292
10SEP85:11:30	0	.	.	.	18SEP85:19:30	2	326	4	354
10SEP85:15:30	0	.	3	298	18SEP85:23:30	2	298	4	303
10SEP85:19:30	1	118	4	56	19SEP85:03:30	2	326	5	331
10SEP85:23:30	1	157	3	163	19SEP85:07:30	1	320	2	331
11SEP85:03:30	2	16	3	39	19SEP85:11:30	0	.	3	0
11SEP85:07:30	0	.	.	.	19SEP85:15:30	2	123	5	146
11SEP85:11:30	0	.	.	.	19SEP85:19:30	1	213	3	208
11SEP85:15:30	1	331	3	230	19SEP85:23:30	1	151	2	213
11SEP85:19:30	1	258	3	185	20SEP85:03:30	0	.	4	326
11SEP85:23:30	1	219	2	213	20SEP85:07:30	1	22	4	348
12SEP85:03:30	0	.	.	.	20SEP85:11:30	1	5	.	.
12SEP85:07:30	2	73	3	73	20SEP85:15:30	2	354	5	354
12SEP85:11:30	1	78	2	84	20SEP85:19:30	1	315	4	331
12SEP85:15:30	2	84	4	78	20SEP85:23:30	1	101	3	106
12SEP85:19:30	1	73	2	16	21SEP85:03:30	1	67	3	84
12SEP85:23:30	0	.	.	.	21SEP85:07:30	2	73	3	84
13SEP85:03:30	0	.	.	.	21SEP85:11:30	2	67	4	61
13SEP85:07:30	0	.	2	61	21SEP85:15:30	1	0	3	348
13SEP85:11:30	0	.	.	.	21SEP85:19:30	2	337	4	354
13SEP85:15:30	2	16	3	16	21SEP85:23:30	1	320	3	292
13SEP85:19:30	2	343	4	5	22SEP85:03:30	0	.	2	331
13SEP85:23:30	1	331	3	337	22SEP85:07:30	1	320	4	315
14SEP85:03:30	1	337	3	343	22SEP85:11:30	3	326	4	258
14SEP85:07:30	1	326	2	326	22SEP85:15:30	3	320	5	315
14SEP85:11:30	0	.	2	264	22SEP85:19:30	2	331	5	326
14SEP85:15:30	1	45	3	45	22SEP85:23:30	2	331	4	315
14SEP85:19:30	2	118	4	196	23SEP85:03:30	0	.	2	320
14SEP85:23:30	2	185	6	213	23SEP85:07:30	0	.	.	.
15SEP85:03:30	3	146	8	168	23SEP85:11:30	2	78	3	67
15SEP85:07:30	5	185	8	157	23SEP85:15:30	2	78	4	90
15SEP85:11:30	4	180	8	185	23SEP85:19:30	3	90	5	90
15SEP85:15:30	4	185	7	180	23SEP85:23:30	1	95	3	67
15SEP85:19:30	5	196	9	196	24SEP85:03:30	1	16	3	67
15SEP85:23:30	4	191	6	219	24SEP85:07:30	0	.	2	315
16SEP85:03:30	3	185	6	180	24SEP85:11:30	2	337	3	320
16SEP85:07:30	2	343	4	337	24SEP85:15:30	1	326	3	337
16SEP85:11:30	2	331	5	0	24SEP85:19:30	1	298	3	337

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

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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
24SEP85:23:30	1	286	5	326	03OCT85:07:30	1	123	4	163
25SEP85:03:30	1	163	3	208	03OCT85:11:30	2	90	3	73
25SEP85:07:30	1	247	2	219	03OCT85:15:30	2	67	4	67
25SEP85:11:30	0	.	.	.	03OCT85:19:30	2	22	3	22
25SEP85:15:30	1	33	3	78	03OCT85:23:30	1	50	2	5
25SEP85:19:30	1	185	3	0	04OCT85:03:30	2	11	3	5
25SEP85:23:30	0	.	.	.	04OCT85:07:30	1	331	2	320
26SEP85:03:30	1	5	3	0	04OCT85:11:30	0	.	.	.
26SEP85:07:30	1	343	3	0	04OCT85:15:30	0	.	.	.
26SEP85:11:30	2	326	4	298	04OCT85:19:30	1	236	3	241
26SEP85:15:30	2	331	4	5	04OCT85:23:30	0	.	.	.
26SEP85:19:30	2	337	4	348	05OCT85:03:30	0	.	2	56
26SEP85:23:30	2	320	4	337	05OCT85:07:30	1	22	2	45
27SEP85:03:30	2	309	4	326	05OCT85:11:30	1	343	.	.
27SEP85:07:30	2	309	4	303	05OCT85:15:30	1	331	.	.
27SEP85:11:30	1	303	3	315	05OCT85:19:30	1	298	2	264
27SEP85:15:30	1	298	4	270	05OCT85:23:30	0	.	.	.
27SEP85:19:30	1	281	3	320	06OCT85:03:30	0	.	.	.
27SEP85:23:30	1	315	4	39	06OCT85:07:30	1	11	2	61
28SEP85:03:30	1	303	3	298	06OCT85:11:30	1	50	2	61
28SEP85:07:30	0	.	.	.	06OCT85:15:30	2	33	4	33
28SEP85:11:30	1	95	3	168	06OCT85:19:30	1	320	3	28
28SEP85:15:30	1	225	3	39	06OCT85:23:30	2	337	4	0
28SEP85:19:30	1	129	3	106	07OCT85:03:30	1	309	2	320
28SEP85:23:30	1	73	3	61	07OCT85:07:30	0	.	.	.
29SEP85:03:30	0	.	2	56	07OCT85:11:30	1	90	3	73
29SEP85:07:30	1	309	3	0	07OCT85:15:30	2	84	4	67
29SEP85:11:30	1	275	3	241	07OCT85:19:30	2	67	4	61
29SEP85:15:30	2	320	6	90	07OCT85:23:30	1	11	2	67
29SEP85:19:30	2	241	4	281	08OCT85:03:30	1	39	3	5
29SEP85:23:30	2	208	4	196	08OCT85:07:30	1	326	3	315
30SEP85:03:30	1	174	4	230	08OCT85:11:30	2	309	4	309
30SEP85:07:30	3	196	4	202	08OCT85:15:30	2	315	4	348
30SEP85:11:30	1	202	3	185	08OCT85:19:30	2	45	4	337
30SEP85:15:30	0	.	3	208	08OCT85:23:30	2	129	5	196
30SEP85:19:30	3	196	5	191	09OCT85:03:30	2	180	6	213
30SEP85:23:30	1	196	4	196	09OCT85:07:30	2	73	4	67
01OCT85:03:30	0	.	2	95	09OCT85:11:30	1	16	3	11
01OCT85:07:30	1	50	2	67	09OCT85:15:30	2	331	4	309
01OCT85:11:30	1	354	.	.	09OCT85:19:30	2	320	3	348
01OCT85:15:30	1	331	3	354	09OCT85:23:30	1	292	3	298
01OCT85:19:30	3	331	4	320	10OCT85:03:30	1	309	3	331
01OCT85:23:30	2	315	4	315	10OCT85:07:30	0	.	.	.
02OCT85:03:30	2	303	5	315	10OCT85:11:30	0	.	.	.
02OCT85:07:30	0	.	.	.	10OCT85:15:30	1	337	.	.
02OCT85:11:30	1	174	.	.	10OCT85:19:30	1	247	3	292
02OCT85:15:30	2	185	4	180	10OCT85:23:30	1	247	4	185
02OCT85:19:30	2	196	4	191	11OCT85:03:30	2	315	3	264
02OCT85:23:30	1	151	3	180	11OCT85:07:30	2	320	3	309
03OCT85:03:30	2	168	3	174	11OCT85:11:30	1	337	3	354

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

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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
11OCT85:15:30	1	343	3	337	19OCT85:23:30	2	309	3	320
11OCT85:19:30	1	39	3	0	20OCT85:03:30	2	315	4	337
11OCT85:23:30	0	.	.	.	20OCT85:07:30	1	348	3	196
12OCT85:03:30	1	337	3	331	20OCT85:11:30	1	5	2	11
12OCT85:07:30	2	326	4	337	20OCT85:15:30	2	348	3	354
12OCT85:11:30	3	331	4	331	20OCT85:19:30	2	343	4	343
12OCT85:15:30	3	331	5	320	20OCT85:23:30	2	337	4	331
12OCT85:19:30	2	326	4	326	21OCT85:03:30	2	337	4	354
12OCT85:23:30	1	281	3	320	21OCT85:07:30	3	331	5	320
13OCT85:03:30	1	320	2	348	21OCT85:11:30	3	331	5	309
13OCT85:07:30	1	354	2	11	21OCT85:15:30	3	337	6	348
13OCT85:11:30	1	331	2	0	21OCT85:19:30	2	354	4	0
13OCT85:15:30	2	331	4	331	21OCT85:23:30	0	.	.	.
13OCT85:19:30	2	320	4	348	22OCT85:03:30	1	230	2	309
13OCT85:23:30	0	.	3	275	22OCT85:07:30	2	315	4	315
14OCT85:03:30	2	348	4	331	22OCT85:11:30	2	309	4	315
14OCT85:07:30	1	22	3	106	22OCT85:15:30	3	320	5	320
14OCT85:11:30	1	343	2	309	22OCT85:19:30	3	320	5	320
14OCT85:15:30	1	337	3	337	22OCT85:23:30	2	320	5	348
14OCT85:19:30	1	320	3	0	23OCT85:03:30	3	309	5	320
14OCT85:23:30	0	.	.	.	23OCT85:07:30	2	343	4	129
15OCT85:03:30	0	.	.	.	23OCT85:11:30	3	337	5	348
15OCT85:07:30	1	343	2	331	23OCT85:15:30	3	326	5	326
15OCT85:11:30	1	320	2	236	23OCT85:19:30	3	331	5	354
15OCT85:15:30	1	326	2	331	23OCT85:23:30	2	337	4	348
15OCT85:19:30	1	309	3	174	24OCT85:03:30	2	331	4	343
15OCT85:23:30	1	28	2	22	24OCT85:07:30	1	348	3	337
16OCT85:03:30	1	67	3	67	24OCT85:11:30	1	354	4	343
16OCT85:07:30	1	67	2	61	24OCT85:15:30	1	0	4	33
16OCT85:11:30	1	56	2	78	24OCT85:19:30	2	343	4	286
16OCT85:15:30	0	.	3	185	24OCT85:23:30	0	.	.	.
16OCT85:19:30	2	331	3	331	25OCT85:03:30	1	326	3	219
16OCT85:23:30	1	298	2	270	25OCT85:07:30	1	337	4	343
17OCT85:03:30	0	.	.	.	25OCT85:11:30	2	354	4	348
17OCT85:07:30	0	.	.	.	25OCT85:15:30	2	326	4	0
17OCT85:11:30	0	.	.	.	25OCT85:19:30	3	337	7	343
17OCT85:15:30	1	303	3	298	25OCT85:23:30	2	331	5	303
17OCT85:19:30	1	303	3	298	26OCT85:03:30	3	320	5	292
17OCT85:23:30	1	286	2	286	26OCT85:07:30	4	326	7	303
18OCT85:03:30	2	326	4	348	26OCT85:11:30	4	320	7	331
18OCT85:07:30	4	315	7	281	26OCT85:15:30	3	315	6	331
18OCT85:11:30	3	320	8	298	26OCT85:19:30	3	315	5	331
18OCT85:15:30	3	320	6	309	26OCT85:23:30	2	337	4	208
18OCT85:19:30	4	315	7	331	27OCT85:03:30	3	320	5	0
18OCT85:23:30	4	315	6	320	27OCT85:07:30	1	39	4	320
19OCT85:03:30	4	315	6	298	27OCT85:11:30	1	22	3	0
19OCT85:07:30	4	309	6	315	27OCT85:15:30	2	343	3	0
19OCT85:11:30	3	315	7	298	27OCT85:19:30	2	337	4	343
19OCT85:15:30	2	337	4	309	27OCT85:23:30	3	331	5	320
19OCT85:19:30	3	337	6	331	28OCT85:03:30	3	337	4	0

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

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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
28OCT85:07:30	2	320	5	348	05NOV85:15:30	3	326	4	303
28OCT85:11:30	2	337	5	348	05NOV85:19:30	3	337	4	5
28OCT85:15:30	3	337	5	326	05NOV85:23:30	2	337	4	315
28OCT85:19:30	2	348	4	0	06NOV85:03:30	2	331	4	343
28OCT85:23:30	2	354	4	343	06NOV85:07:30	3	337	4	331
29OCT85:03:30	3	337	5	303	06NOV85:11:30	3	337	4	326
29OCT85:07:30	2	343	4	331	06NOV85:15:30	2	337	4	343
29OCT85:11:30	0	.	.	.	06NOV85:19:30	2	337	4	16
29OCT85:15:30	0	.	.	.	06NOV85:23:30	1	348	2	320
29OCT85:19:30	1	343	.	.	07NOV85:03:30	1	331	3	331
29OCT85:23:30	0	.	.	.	07NOV85:07:30	1	343	3	337
30OCT85:03:30	1	343	.	.	07NOV85:11:30	2	337	4	320
30OCT85:07:30	2	326	4	331	07NOV85:15:30	2	331	4	343
30OCT85:11:30	2	320	4	219	07NOV85:19:30	2	309	4	331
30OCT85:15:30	1	315	3	292	07NOV85:23:30	1	343	2	348
30OCT85:19:30	1	281	4	286	08NOV85:03:30	1	348	4	0
30OCT85:23:30	0	.	.	.	08NOV85:07:30	1	320	3	0
31OCT85:03:30	1	16	2	28	08NOV85:11:30	2	320	4	326
31OCT85:07:30	1	337	3	0	08NOV85:15:30	3	320	6	309
31OCT85:11:30	2	326	4	326	08NOV85:19:30	2	348	4	320
31OCT85:15:30	2	331	4	320	08NOV85:23:30	1	61	2	50
31OCT85:19:30	2	331	4	5	09NOV85:03:30	1	22	3	0
31OCT85:23:30	0	.	.	.	09NOV85:07:30	1	343	2	326
01NOV85:03:30	1	315	4	320	09NOV85:11:30	2	320	4	303
01NOV85:07:30	2	326	3	326	09NOV85:15:30	2	348	4	0
01NOV85:11:30	1	331	3	343	09NOV85:19:30	2	354	4	343
01NOV85:15:30	1	331	4	315	09NOV85:23:30	2	0	3	16
01NOV85:19:30	2	326	4	11	10NOV85:03:30	2	326	4	315
01NOV85:23:30	2	337	3	298	10NOV85:07:30	2	320	3	298
02NOV85:03:30	2	315	4	298	10NOV85:11:30	2	315	4	0
02NOV85:07:30	2	309	4	298	10NOV85:15:30	2	320	4	309
02NOV85:11:30	0	.	2	0	10NOV85:19:30	2	309	5	309
02NOV85:15:30	0	.	.	.	10NOV85:23:30	1	22	2	90
02NOV85:19:30	1	0	3	0	11NOV85:03:30	3	180	8	157
02NOV85:23:30	1	22	2	11	11NOV85:07:30	4	180	8	151
03NOV85:03:30	1	16	2	33	11NOV85:11:30	4	180	8	174
03NOV85:07:30	2	0	4	348	11NOV85:15:30	5	180	12	191
03NOV85:11:30	2	331	4	0	11NOV85:19:30	5	185	8	191
03NOV85:15:30	1	5	3	292	11NOV85:23:30	4	180	7	168
03NOV85:19:30	1	5	.	.	12NOV85:03:30	4	174	8	180
03NOV85:23:30	0	.	.	.	12NOV85:07:30	3	168	6	196
04NOV85:03:30	1	45	.	.	12NOV85:11:30	1	320	4	5
04NOV85:07:30	1	354	2	39	12NOV85:15:30	2	337	4	320
04NOV85:11:30	2	348	4	22	12NOV85:19:30	2	320	5	298
04NOV85:15:30	3	326	6	343	12NOV85:23:30	1	320	3	298
04NOV85:19:30	3	320	4	315	13NOV85:03:30	2	326	4	331
04NOV85:23:30	3	320	5	275	13NOV85:07:30	3	331	6	275
05NOV85:03:30	3	326	5	180	13NOV85:11:30	2	331	4	337
05NOV85:07:30	3	343	4	0	13NOV85:15:30	4	320	6	326
05NOV85:11:30	3	337	5	343	13NOV85:19:30	3	315	5	320

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

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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
13NOV85:23:30	2	0	5	331	22NOV85:07:30	2	343	4	320
14NOV85:03:30	3	354	5	0	22NOV85:11:30	2	354	4	337
14NOV85:07:30	3	348	6	315	22NOV85:15:30	2	348	4	112
14NOV85:11:30	2	343	5	320	22NOV85:19:30	1	0	3	22
14NOV85:15:30	1	281	3	275	22NOV85:23:30	1	337	.	.
14NOV85:19:30	1	315	3	315	23NOV85:03:30	0	.	.	.
14NOV85:23:30	2	326	4	331	23NOV85:07:30	2	354	3	348
15NOV85:03:30	2	326	5	326	23NOV85:11:30	0	.	2	11
15NOV85:07:30	1	16	2	331	23NOV85:15:30	0	.	.	.
15NOV85:11:30	1	331	3	315	23NOV85:19:30	0	.	.	.
15NOV85:15:30	2	331	3	331	23NOV85:23:30	0	.	.	.
15NOV85:19:30	2	343	3	337	24NOV85:03:30	0	.	.	.
15NOV85:23:30	2	354	4	16	24NOV85:07:30	0	.	.	.
16NOV85:03:30	2	326	4	303	24NOV85:11:30	0	.	.	.
16NOV85:07:30	2	337	4	326	24NOV85:15:30	0	.	.	.
16NOV85:11:30	2	331	4	343	24NOV85:19:30	0	.	.	.
16NOV85:15:30	2	337	4	315	24NOV85:23:30	0	.	.	.
16NOV85:19:30	1	326	3	337	25NOV85:03:30	0	.	.	.
16NOV85:23:30	1	343	.	.	25NOV85:07:30	0	.	.	.
17NOV85:03:30	0	.	.	.	25NOV85:11:30	0	.	.	.
17NOV85:07:30	0	.	.	.	25NOV85:15:30	0	.	.	.
17NOV85:11:30	1	0	3	0	25NOV85:19:30	0	.	.	.
17NOV85:15:30	2	337	4	337	25NOV85:23:30	1	331	4	331
17NOV85:19:30	2	326	4	337	26NOV85:03:30	3	348	4	343
17NOV85:23:30	1	343	3	320	26NOV85:07:30	2	331	4	5
18NOV85:03:30	1	337	4	0	26NOV85:11:30	2	320	4	343
18NOV85:07:30	2	343	3	309	26NOV85:15:30	2	50	8	90
18NOV85:11:30	1	354	2	298	26NOV85:19:30	4	84	12	90
18NOV85:15:30	1	33	3	50	26NOV85:23:30	2	50	5	118
18NOV85:19:30	1	84	2	101	27NOV85:03:30	1	16	3	16
18NOV85:23:30	0	.	.	.	27NOV85:07:30	2	16	4	16
19NOV85:03:30	0	.	.	.	27NOV85:11:30	2	275	4	258
19NOV85:07:30	0	.	.	.	27NOV85:15:30	3	309	5	303
19NOV85:11:30	0	.	.	.	27NOV85:19:30	3	320	4	320
19NOV85:15:30	1	5	4	0	27NOV85:23:30	2	315	4	320
19NOV85:19:30	1	326	3	0	28NOV85:03:30	2	320	4	320
19NOV85:23:30	0	.	.	.	28NOV85:07:30	3	331	6	326
20NOV85:03:30	0	.	.	.	28NOV85:11:30	3	331	5	0
20NOV85:07:30	0	.	.	.	28NOV85:15:30	2	337	4	337
20NOV85:11:30	1	33	.	.	28NOV85:19:30	2	337	4	337
20NOV85:15:30	1	331	3	348	28NOV85:23:30	2	331	4	315
20NOV85:19:30	1	343	.	.	29NOV85:03:30	3	337	5	320
20NOV85:23:30	0	.	.	.	29NOV85:07:30	3	348	5	343
21NOV85:03:30	1	0	.	.	29NOV85:11:30	2	337	4	343
21NOV85:07:30	0	.	3	78	29NOV85:15:30	3	337	5	348
21NOV85:11:30	0	.	.	.	29NOV85:19:30	3	331	5	331
21NOV85:15:30	0	.	.	.	29NOV85:23:30	3	337	5	331
21NOV85:19:30	1	56	2	101	30NOV85:03:30	0	.	.	.
21NOV85:23:30	0	.	2	73	30NOV85:07:30	0	.	.	.
22NOV85:03:30	1	331	3	343	30NOV85:11:30	1	33	.	.

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

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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
30NOV85:15:30	1	331	3	348	08DEC85:23:30	2	331	4	315
30NOV85:19:30	1	343	.	.	09DEC85:03:30	3	337	5	320
30NOV85:23:30	0	.	.	.	09DEC85:07:30	3	348	5	343
01DEC85:03:30	1	0	.	.	09DEC85:11:30	2	337	4	343
01DEC85:07:30	0	.	3	78	09DEC85:15:30	3	337	5	348
01DEC85:11:30	0	.	.	.	09DEC85:19:30	3	331	5	331
01DEC85:15:30	0	.	.	.	09DEC85:23:30	3	337	5	331
01DEC85:19:30	1	56	2	101	10DEC85:03:30	2	320	4	320
01DEC85:23:30	0	.	2	73	10DEC85:07:30	3	331	6	326
02DEC85:03:30	1	331	3	343	10DEC85:11:30	3	331	5	0
02DEC85:07:30	2	343	4	320	10DEC85:15:30	2	337	4	337
02DEC85:11:30	2	354	4	337	10DEC85:19:30	2	337	4	337
02DEC85:15:30	2	348	4	112	10DEC85:23:30	2	331	4	315
02DEC85:19:30	1	0	3	22	11DEC85:03:30	3	337	5	320
02DEC85:23:30	1	337	.	.	11DEC85:07:30	3	348	5	343
03DEC85:03:30	0	.	.	.	11DEC85:11:30	2	337	4	343
03DEC85:07:30	2	354	3	348	11DEC85:15:00	2	309	4	106
03DEC85:11:30	0	.	2	11	11DEC85:19:00	2	303	4	298
03DEC85:15:30	0	.	.	.	11DEC85:23:00	2	292	3	343
03DEC85:19:30	0	.	.	.	12DEC85:03:00	1	315	2	275
03DEC85:23:30	0	.	.	.	12DEC85:07:00	1	298	2	270
04DEC85:03:30	0	.	.	.	12DEC85:11:00	1	343	2	298
04DEC85:07:30	0	.	.	.	12DEC85:15:00	1	11	2	56
04DEC85:11:30	0	.	.	.	12DEC85:19:00	1	309	3	298
04DEC85:15:30	0	.	.	.	12DEC85:23:00	2	337	3	331
04DEC85:19:30	0	.	.	.	13DEC85:03:00	2	331	4	286
04DEC85:23:30	0	.	.	.	13DEC85:07:00	2	326	4	0
05DEC85:03:30	0	.	.	.	13DEC85:11:00	2	331	4	343
05DEC85:07:30	0	.	.	.	13DEC85:15:00	2	326	5	343
05DEC85:11:30	0	.	.	.	13DEC85:19:00	2	331	4	0
05DEC85:15:30	0	.	.	.	13DEC85:23:00	2	331	4	337
05DEC85:19:30	0	.	.	.	14DEC85:03:00	3	337	4	320
05DEC85:23:30	1	331	4	331	14DEC85:07:00	3	343	4	343
06DEC85:03:30	3	348	4	343	14DEC85:11:00	2	348	4	337
06DEC85:07:30	2	331	4	5	14DEC85:15:00	2	343	4	0
06DEC85:11:30	2	320	4	343	14DEC85:19:00	2	337	4	348
06DEC85:15:30	2	50	8	90	14DEC85:23:00	2	315	4	309
06DEC85:19:30	4	84	12	90	15DEC85:03:00	2	354	4	0
06DEC85:23:30	2	50	5	118	15DEC85:07:00	2	348	3	337
07DEC85:03:30	1	16	3	16	15DEC85:11:00	2	331	4	354
07DEC85:07:30	2	16	4	16	15DEC85:15:00	1	331	3	348
07DEC85:11:30	2	275	4	258	15DEC85:19:00	1	331	3	331
07DEC85:15:30	3	309	5	303	15DEC85:23:00	1	337	3	348
07DEC85:19:30	3	320	4	320	16DEC85:03:00	3	331	5	343
07DEC85:23:30	2	315	4	320	16DEC85:07:00	2	326	4	303
08DEC85:03:30	2	320	4	320	16DEC85:11:00	3	326	5	348
08DEC85:07:30	3	331	6	326	16DEC85:15:00	3	326	6	326
08DEC85:11:30	3	331	5	0	16DEC85:19:00	3	320	5	337
08DEC85:15:30	2	337	4	337	16DEC85:23:00	1	5	3	331
08DEC85:19:30	2	337	4	337	17DEC85:03:00	0	.	.	.

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

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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
17DEC85:07:00	0	.	.	.	25DEC85:15:00	2	326	4	326
17DEC85:11:00	0	.	.	.	25DEC85:19:00	2	320	4	331
17DEC85:15:00	0	.	.	.	25DEC85:23:00	2	326	5	331
17DEC85:19:00	0	.	.	.	26DEC85:03:00	3	331	4	348
17DEC85:23:00	0	.	.	.	26DEC85:07:00	3	331	5	343
18DEC85:03:00	0	.	.	.	26DEC85:11:00	3	320	5	326
18DEC85:07:00	0	.	.	.	26DEC85:15:00	3	320	4	331
18DEC85:11:00	0	.	5	331	26DEC85:19:00	2	315	4	0
18DEC85:15:00	4	326	6	343	26DEC85:23:00	2	315	3	303
18DEC85:19:00	2	315	4	309	27DEC85:03:00	2	309	4	320
18DEC85:23:00	3	315	4	326	27DEC85:07:00	2	343	4	84
19DEC85:03:00	2	298	4	5	27DEC85:11:00	1	303	2	320
19DEC85:07:00	1	326	2	0	27DEC85:15:00	0	.	3	168
19DEC85:11:00	1	247	4	191	27DEC85:19:00	1	309	3	320
19DEC85:15:00	2	292	3	331	27DEC85:23:00	1	309	3	298
19DEC85:19:00	2	320	4	337	28DEC85:03:00	1	354	2	348
19DEC85:23:00	2	331	4	337	28DEC85:07:00	0	.	.	.
20DEC85:03:00	3	320	5	320	28DEC85:11:00	0	.	.	.
20DEC85:07:00	2	320	5	331	28DEC85:15:00	0	.	.	.
20DEC85:11:00	2	309	4	326	28DEC85:19:00	1	11	2	343
20DEC85:15:00	2	320	4	331	28DEC85:23:00	2	337	4	78
20DEC85:19:00	2	298	4	315	29DEC85:03:00	2	337	3	343
20DEC85:23:00	2	298	4	331	29DEC85:07:00	2	320	3	320
21DEC85:03:00	1	315	3	0	29DEC85:11:00	2	0	3	33
21DEC85:07:00	2	343	4	348	29DEC85:15:00	1	5	3	315
21DEC85:11:00	2	303	4	281	29DEC85:19:00	1	331	2	331
21DEC85:15:00	1	281	4	236	29DEC85:23:00	1	320	3	337
21DEC85:19:00	1	348	3	67	30DEC85:03:00	2	331	3	331
21DEC85:23:00	1	331	3	90	30DEC85:07:00	1	320	2	348
22DEC85:03:00	0	.	.	.	30DEC85:11:00	2	320	3	343
22DEC85:07:00	1	320	3	247	30DEC85:15:00	2	320	3	348
22DEC85:11:00	2	5	5	39	30DEC85:19:00	2	331	4	343
22DEC85:15:00	1	298	3	298	30DEC85:23:00	2	326	4	343
22DEC85:19:00	3	50	5	73	31DEC85:03:00	1	315	3	348
22DEC85:23:00	1	303	4	196	31DEC85:07:00	0	.	.	.
23DEC85:03:00	3	78	5	95	31DEC85:11:00	0	.	.	.
23DEC85:07:00	2	208	4	219	31DEC85:15:00	0	.	.	.
23DEC85:11:00	1	78	3	78	31DEC85:19:00	0	.	.	.
23DEC85:15:00	1	326	4	298	31DEC85:23:00	0	.	.	.
23DEC85:19:00	2	320	3	354					
23DEC85:23:00	2	343	4	348					
24DEC85:03:00	2	315	4	320					
24DEC85:07:00	2	315	4	270					
24DEC85:11:00	2	253	4	180					
24DEC85:15:00	1	151	5	185					
24DEC85:19:00	3	174	5	185					
24DEC85:23:00	2	146	5	191					
25DEC85:03:00	3	95	4	73					
25DEC85:07:00	2	50	3	78					
25DEC85:11:00	2	315	3	286					