

Public-data File 88-29

WIND DATA FROM POINT MACKENZIE WIND STATION, 1986

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
01JAN86:03:00	0	.	.	.	09JAN86:11:00	3	326	6	309
01JAN86:07:00	0	.	.	.	09JAN86:15:00	3	337	5	348
01JAN86:11:00	0	.	.	.	09JAN86:19:00	2	0	4	354
01JAN86:15:00	0	.	.	.	09JAN86:23:00	2	354	5	39
01JAN86:19:00	0	.	.	.	10JAN86:03:00	2	45	4	5
01JAN86:23:00	0	.	.	.	10JAN86:07:00	1	22	3	67
02JAN86:03:00	0	.	.	.	10JAN86:11:00	1	5	2	28
02JAN86:07:00	0	.	.	.	10JAN86:15:00	1	354	2	22
02JAN86:11:00	0	.	.	.	10JAN86:19:00	1	298	2	292
02JAN86:15:00	0	.	.	.	10JAN86:23:00	2	315	3	320
02JAN86:19:00	0	.	.	.	11JAN86:03:00	2	320	3	337
02JAN86:23:00	0	.	.	.	11JAN86:07:00	2	331	4	326
03JAN86:03:00	0	.	.	.	11JAN86:11:00	2	331	4	315
03JAN86:07:00	0	.	.	.	11JAN86:15:00	3	331	5	343
03JAN86:11:00	0	.	.	.	11JAN86:19:00	4	320	5	337
03JAN86:15:00	0	.	.	.	11JAN86:23:00	3	337	5	320
03JAN86:19:00	2	28	5	61	12JAN86:03:00	3	343	5	331
03JAN86:23:00	4	50	8	67	12JAN86:07:00	2	326	4	112
04JAN86:03:00	4	50	7	39	12JAN86:11:00	2	337	4	298
04JAN86:07:00	4	50	8	67	12JAN86:15:00	2	326	4	309
04JAN86:11:00	4	61	7	73	12JAN86:19:00	2	315	4	309
04JAN86:15:00	4	50	8	45	12JAN86:23:00	2	326	4	331
04JAN86:19:00	3	39	5	28	13JAN86:03:00	3	331	5	331
04JAN86:23:00	2	16	5	73	13JAN86:07:00	2	331	3	309
05JAN86:03:00	1	5	3	67	13JAN86:11:00	3	348	4	5
05JAN86:07:00	1	11	3	56	13JAN86:15:00	2	337	4	343
05JAN86:11:00	2	348	4	33	13JAN86:19:00	2	343	4	331
05JAN86:15:00	2	331	4	0	13JAN86:23:00	2	337	4	343
05JAN86:19:00	2	331	3	337	14JAN86:03:00	2	331	3	315
05JAN86:23:00	2	337	4	348	14JAN86:07:00	2	343	4	354
06JAN86:03:00	2	331	5	320	14JAN86:11:00	2	337	4	348
06JAN86:07:00	2	331	4	298	14JAN86:15:00	2	326	4	0
06JAN86:11:00	2	16	4	348	14JAN86:19:00	2	320	3	320
06JAN86:15:00	2	61	5	73	14JAN86:23:00	2	315	4	343
06JAN86:19:00	1	303	3	354	15JAN86:03:00	2	343	4	354
06JAN86:23:00	1	320	2	331	15JAN86:07:00	1	309	2	320
07JAN86:03:00	2	331	4	343	15JAN86:11:00	1	315	3	275
07JAN86:07:00	2	331	3	337	15JAN86:15:00	1	326	3	343
07JAN86:11:00	2	331	4	320	15JAN86:19:00	1	320	3	309
07JAN86:15:00	2	331	4	0	15JAN86:23:00	2	331	3	320
07JAN86:19:00	1	320	3	0	16JAN86:03:00	2	348	3	0
07JAN86:23:00	0	.	.	.	16JAN86:07:00	2	337	3	348
08JAN86:03:00	1	84	3	67	16JAN86:11:00	2	337	4	0
08JAN86:07:00	2	78	4	67	16JAN86:15:00	2	331	4	320
08JAN86:11:00	2	50	4	61	16JAN86:19:00	2	343	4	343
08JAN86:15:00	2	320	4	298	16JAN86:23:00	3	343	4	348
08JAN86:19:00	3	315	6	303	17JAN86:03:00	2	11	4	343
08JAN86:23:00	3	331	5	337	17JAN86:07:00	2	354	3	22
09JAN86:03:00	2	320	4	326	17JAN86:11:00	2	348	4	0
09JAN86:07:00	3	320	6	315	17JAN86:15:00	3	326	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

DATE TIME	AVS	AVD	GUS	GUD	DATE TIME	AVS	AVD	GUS	GUD
17JAN86:19:00	3	337	4	348	26JAN86:03:00	0	.	.	.
17JAN86:23:00	3	331	5	343	26JAN86:07:00	1	331	3	320
18JAN86:03:00	3	331	4	0	26JAN86:11:00	2	348	5	315
18JAN86:07:00	3	331	4	337	26JAN86:15:00	3	331	5	309
18JAN86:11:00	3	337	4	0	26JAN86:19:00	3	337	5	320
18JAN86:15:00	2	326	4	320	26JAN86:23:00	3	331	6	331
18JAN86:19:00	3	337	4	326	27JAN86:03:00	2	337	3	343
18JAN86:23:00	2	343	5	348	27JAN86:07:00	1	320	.	.
19JAN86:03:00	2	320	4	343	27JAN86:11:00	2	320	5	331
19JAN86:07:00	3	326	4	315	27JAN86:15:00	1	337	3	348
19JAN86:11:00	2	326	4	303	27JAN86:19:00	2	343	3	315
19JAN86:15:00	2	331	4	315	27JAN86:23:00	2	343	4	309
19JAN86:19:00	3	331	4	320	28JAN86:03:00	2	343	4	0
19JAN86:23:00	2	331	4	348	28JAN86:07:00	2	337	4	337
20JAN86:03:00	2	348	4	337	28JAN86:11:00	2	326	4	326
20JAN86:07:00	2	354	4	326	28JAN86:15:00	2	331	4	0
20JAN86:11:00	2	343	4	331	28JAN86:19:00	3	326	4	331
20JAN86:15:00	2	337	4	331	28JAN86:23:00	3	326	4	343
20JAN86:19:00	3	343	4	11	29JAN86:03:00	3	331	5	298
20JAN86:23:00	2	343	4	331	29JAN86:07:00	2	348	4	0
21JAN86:03:00	3	337	4	315	29JAN86:11:00	3	343	4	348
21JAN86:07:00	2	320	4	315	29JAN86:15:00	3	343	4	331
21JAN86:11:00	3	326	5	309	29JAN86:19:00	3	337	5	337
21JAN86:15:00	4	326	6	326	29JAN86:23:00	3	343	4	0
21JAN86:19:00	4	326	6	331	30JAN86:03:00	3	326	4	337
21JAN86:23:00	4	331	6	337	30JAN86:07:00	3	331	5	331
22JAN86:03:00	4	331	5	320	30JAN86:11:00	2	331	4	320
22JAN86:07:00	3	331	5	337	30JAN86:15:00	2	326	4	343
22JAN86:11:00	3	331	5	326	30JAN86:19:00	2	331	4	343
22JAN86:15:00	3	337	5	348	30JAN86:23:00	3	331	4	0
22JAN86:19:00	2	0	4	343	31JAN86:03:00	2	326	5	343
22JAN86:23:00	3	354	6	0	31JAN86:07:00	2	320	3	337
23JAN86:03:00	3	348	5	331	31JAN86:11:00	1	28	4	67
23JAN86:07:00	2	337	4	337	31JAN86:15:00	2	73	4	78
23JAN86:11:00	2	343	4	0	31JAN86:19:00	2	315	4	337
23JAN86:15:00	2	343	3	0	31JAN86:23:00	2	348	3	5
23JAN86:19:00	2	331	4	331	01FEB86:03:00	3	337	5	320
23JAN86:23:00	2	326	3	331	01FEB86:07:00	4	320	6	315
24JAN86:03:00	2	309	3	320	01FEB86:11:00	3	337	6	298
24JAN86:07:00	1	320	3	309	01FEB86:15:00	3	337	5	309
24JAN86:11:00	2	326	4	16	01FEB86:19:00	2	331	6	309
24JAN86:15:00	3	331	4	315	01FEB86:23:00	2	326	6	0
24JAN86:19:00	3	326	5	343	02FEB86:03:00	3	331	5	331
24JAN86:23:00	3	331	4	309	02FEB86:07:00	2	343	4	320
25JAN86:03:00	2	337	5	348	02FEB86:11:00	1	315	3	354
25JAN86:07:00	3	343	5	326	02FEB86:15:00	2	236	4	0
25JAN86:11:00	3	326	5	337	02FEB86:19:00	1	90	3	73
25JAN86:15:00	3	320	5	303	02FEB86:23:00	2	219	5	213
25JAN86:19:00	1	292	3	348	03FEB86:03:00	2	146	5	180
25JAN86:23:00	0	.	2	151	03FEB86:07:00	2	90	3	67

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS
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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
03FEB86:11:00	2	106	3	95	11FEB86:19:00	2	337	5	337
03FEB86:15:00	2	78	3	84	11FEB86:23:00	3	331	6	0
03FEB86:19:00	2	11	4	320	12FEB86:03:00	4	343	7	5
03FEB86:23:00	2	320	3	331	12FEB86:07:00	4	337	6	343
04FEB86:03:00	3	326	4	320	12FEB86:11:00	3	343	6	331
04FEB86:07:00	2	326	4	320	12FEB86:15:00	2	5	5	343
04FEB86:11:00	2	331	3	326	12FEB86:19:00	2	33	4	56
04FEB86:15:00	2	348	4	0	12FEB86:23:00	1	67	3	320
04FEB86:19:00	2	337	4	331	13FEB86:03:00	1	22	3	331
04FEB86:23:00	2	337	4	309	13FEB86:07:00	2	5	4	343
05FEB86:03:00	2	337	4	348	13FEB86:11:00	2	0	3	0
05FEB86:07:00	2	348	4	354	13FEB86:15:00	1	281	3	348
05FEB86:11:00	3	326	5	315	13FEB86:19:00	0	.	.	.
05FEB86:15:00	3	337	5	315	13FEB86:23:00	0	.	.	.
05FEB86:19:00	3	326	4	331	14FEB86:03:00	0	.	.	.
05FEB86:23:00	3	326	5	337	14FEB86:07:00	0	.	.	.
06FEB86:03:00	2	326	4	343	14FEB86:11:00	1	45	2	16
06FEB86:07:00	2	320	4	315	14FEB86:15:00	2	343	5	326
06FEB86:11:00	3	331	4	320	14FEB86:19:00	2	298	5	270
06FEB86:15:00	3	315	4	348	14FEB86:23:00	1	354	4	0
06FEB86:19:00	3	33	5	56	15FEB86:03:00	3	348	5	0
06FEB86:23:00	3	50	6	67	15FEB86:07:00	1	16	3	331
07FEB86:03:00	3	45	5	78	15FEB86:11:00	2	0	4	348
07FEB86:07:00	2	337	3	39	15FEB86:15:00	2	326	3	0
07FEB86:11:00	2	348	4	270	15FEB86:19:00	1	230	2	208
07FEB86:15:00	1	11	2	50	15FEB86:23:00	0	.	.	.
07FEB86:19:00	1	219	3	90	16FEB86:03:00	0	.	.	.
07FEB86:23:00	1	106	4	67	16FEB86:07:00	0	.	.	.
08FEB86:03:00	1	343	2	343	16FEB86:11:00	0	.	.	.
08FEB86:07:00	2	5	5	28	16FEB86:15:00	2	348	4	0
08FEB86:11:00	5	50	10	61	16FEB86:19:00	0	.	4	354
08FEB86:15:00	3	118	4	67	16FEB86:23:00	0	.	4	22
08FEB86:19:00	2	151	4	106	17FEB86:03:00	3	354	5	11
08FEB86:23:00	2	157	4	135	17FEB86:07:00	2	11	4	348
09FEB86:03:00	0	.	2	180	17FEB86:11:00	1	11	3	337
09FEB86:07:00	0	.	.	.	17FEB86:15:00	1	270	3	45
09FEB86:11:00	1	33	4	39	17FEB86:19:00	0	.	.	.
09FEB86:15:00	1	315	3	264	17FEB86:23:00	1	0	5	22
09FEB86:19:00	2	331	3	331	18FEB86:03:00	3	22	6	33
09FEB86:23:00	2	303	4	326	18FEB86:07:00	5	39	9	28
10FEB86:03:00	2	315	4	298	18FEB86:11:00	8	28	13	11
10FEB86:07:00	2	315	3	309	18FEB86:15:00	5	22	9	5
10FEB86:11:00	2	303	3	326	18FEB86:19:00	4	11	9	0
10FEB86:15:00	1	298	.	.	18FEB86:23:00	4	5	8	22
10FEB86:19:00	2	326	4	309	19FEB86:03:00	3	331	5	354
10FEB86:23:00	2	331	3	320	19FEB86:07:00	2	343	4	320
11FEB86:03:00	2	320	4	320	19FEB86:11:00	1	326	4	219
11FEB86:07:00	2	337	4	326	19FEB86:15:00	1	241	3	247
11FEB86:11:00	2	331	4	309	19FEB86:19:00	0	.	2	202
11FEB86:15:00	2	337	4	326	19FEB86:23:00	2	78	3	78

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

DATETIME	AVS	AVD	GUS	GUD	DATETIME	AVS	AVD	GUS	GUD
20FEB86:03:00	2	56	4	73	28FEB86:11:00	2	331	4	309
20FEB86:07:00	2	331	4	331	28FEB86:15:00	2	303	4	298
20FEB86:11:00	2	326	4	331	28FEB86:19:00	1	298	3	292
20FEB86:15:00	2	343	4	348	28FEB86:23:00	1	309	3	331
20FEB86:19:00	2	348	4	337	01MAR86:03:00	1	337	4	140
20FEB86:23:00	2	0	4	45	01MAR86:07:00	2	343	4	298
21FEB86:03:00	3	343	5	337	01MAR86:11:00	2	348	4	320
21FEB86:07:00	3	343	5	331	01MAR86:15:00	3	354	7	343
21FEB86:11:00	3	348	5	331	01MAR86:19:00	4	343	8	0
21FEB86:15:00	2	337	3	298	01MAR86:23:00	4	326	8	348
21FEB86:19:00	1	326	3	348	02MAR86:03:00	3	320	6	303
21FEB86:23:00	2	326	4	315	02MAR86:07:00	3	309	5	331
22FEB86:03:00	3	326	5	337	02MAR86:11:00	2	326	4	331
22FEB86:07:00	3	320	5	298	02MAR86:15:00	3	16	7	22
22FEB86:11:00	3	320	5	326	02MAR86:19:00	3	0	6	0
22FEB86:15:00	2	331	4	337	02MAR86:23:00	2	0	4	39
22FEB86:19:00	1	337	3	0	03MAR86:03:00	3	326	5	303
22FEB86:23:00	2	11	4	0	03MAR86:07:00	3	320	5	168
23FEB86:03:00	2	348	3	45	03MAR86:11:00	3	315	5	331
23FEB86:07:00	2	343	4	0	03MAR86:15:00	1	264	4	309
23FEB86:11:00	2	337	4	320	03MAR86:19:00	2	191	4	185
23FEB86:15:00	2	337	3	0	03MAR86:23:00	0	.	3	84
23FEB86:19:00	2	337	4	331	04MAR86:03:00	0	.	.	.
23FEB86:23:00	2	320	4	320	04MAR86:07:00	1	39	2	61
24FEB86:03:00	3	309	5	298	04MAR86:11:00	1	354	3	348
24FEB86:07:00	3	320	5	320	04MAR86:15:00	3	298	5	343
24FEB86:11:00	4	309	7	309	04MAR86:19:00	3	348	4	28
24FEB86:15:00	3	315	7	303	04MAR86:23:00	2	354	4	11
24FEB86:19:00	3	326	5	0	05MAR86:03:00	4	320	7	326
24FEB86:23:00	4	309	8	275	05MAR86:07:00	3	326	6	348
25FEB86:03:00	4	309	6	303	05MAR86:11:00	3	337	5	309
25FEB86:07:00	2	303	4	0	05MAR86:15:00	4	343	6	320
25FEB86:11:00	0	.	.	.	05MAR86:19:00	4	0	6	348
25FEB86:15:00	2	315	4	348	05MAR86:23:00	4	5	7	0
25FEB86:19:00	2	320	3	292	06MAR86:03:00	3	337	5	45
25FEB86:23:00	2	303	5	320	06MAR86:07:00	4	348	8	0
26FEB86:03:00	1	303	4	292	06MAR86:11:00	4	343	8	348
26FEB86:07:00	1	95	3	95	06MAR86:15:00	4	348	8	5
26FEB86:11:00	3	191	6	219	06MAR86:19:00	4	354	6	0
26FEB86:15:00	3	196	6	219	06MAR86:23:00	.	.	.	.
26FEB86:19:00	1	315	3	320	07MAR86:03:00	.	.	.	.
26FEB86:23:00	2	5	3	5	07MAR86:07:00	.	.	.	.
27FEB86:03:00	2	348	4	5	07MAR86:11:00	.	.	.	.
27FEB86:07:00	2	331	5	331	07MAR86:15:00	.	.	.	.
27FEB86:11:00	2	337	5	281	07MAR86:19:00	.	.	.	.
27FEB86:15:00	2	16	4	140	07MAR86:23:00	.	.	.	.
27FEB86:19:00	1	135	3	185	08MAR86:03:00	.	.	.	.
27FEB86:23:00	0	.	.	.	08MAR86:07:00	.	.	.	.
28FEB86:03:00	2	50	3	61	08MAR86:11:00	.	.	.	.
28FEB86:07:00	2	56	4	56	08MAR86:15:00	.	.	.	.

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
08MAR86:19:00	17MAR86:03:00	.	.	.	.
08MAR86:23:00	17MAR86:07:00	.	.	.	.
09MAR86:03:00	17MAR86:11:00	.	.	.	.
09MAR86:07:00	17MAR86:15:00	.	.	.	.
09MAR86:11:00	17MAR86:19:00	.	.	.	.
09MAR86:15:00	17MAR86:23:00	.	.	.	.
09MAR86:19:00	18MAR86:03:00	.	.	.	.
09MAR86:23:00	18MAR86:07:00	.	.	.	.
10MAR86:03:00	18MAR86:11:00	.	.	.	.
10MAR86:07:00	18MAR86:15:00	.	.	.	.
10MAR86:11:00	18MAR86:19:00	.	.	.	.
10MAR86:15:00	18MAR86:23:00	.	.	.	.
10MAR86:19:00	19MAR86:03:00	.	.	.	.
10MAR86:23:00	19MAR86:07:00	.	.	.	.
11MAR86:03:00	19MAR86:11:00	.	.	.	.
11MAR86:07:00	19MAR86:15:00	.	.	.	.
11MAR86:11:00	19MAR86:19:00	.	.	.	.
11MAR86:15:00	19MAR86:23:00	.	.	.	.
11MAR86:19:00	20MAR86:03:00	.	.	.	.
11MAR86:23:00	20MAR86:07:00	.	.	.	.
12MAR86:03:00	20MAR86:11:00	.	.	.	.
12MAR86:07:00	20MAR86:15:00	.	.	.	.
12MAR86:11:00	20MAR86:19:00	.	.	.	.
12MAR86:15:00	20MAR86:23:00	.	.	.	.
12MAR86:19:00	21MAR86:03:00	.	.	.	.
12MAR86:23:00	21MAR86:07:00	.	.	.	.
13MAR86:03:00	21MAR86:11:00	.	.	.	.
13MAR86:07:00	21MAR86:15:00	.	.	.	.
13MAR86:11:00	21MAR86:19:00	.	.	.	.
13MAR86:15:00	21MAR86:23:00	.	.	.	.
13MAR86:19:00	22MAR86:03:00	.	.	.	.
13MAR86:23:00	22MAR86:07:00	.	.	.	.
14MAR86:03:00	22MAR86:11:00	.	.	.	.
14MAR86:07:00	22MAR86:15:00	.	.	.	.
14MAR86:11:00	22MAR86:19:00	.	.	.	.
14MAR86:15:00	22MAR86:23:00	.	.	.	.
14MAR86:19:00	23MAR86:03:00	.	.	.	.
14MAR86:23:00	23MAR86:07:00	.	.	.	.
15MAR86:03:00	23MAR86:11:00	.	.	.	.
15MAR86:07:00	23MAR86:15:00	.	.	.	.
15MAR86:11:00	23MAR86:19:00	.	.	.	.
15MAR86:15:00	23MAR86:23:00	.	.	.	.
15MAR86:19:00	24MAR86:03:00	.	.	.	.
15MAR86:23:00	24MAR86:07:00	.	.	.	.
16MAR86:03:00	24MAR86:11:00	.	.	.	.
16MAR86:07:00	24MAR86:15:00	.	.	.	.
16MAR86:11:00	24MAR86:19:00	.	.	.	.
16MAR86:15:00	24MAR86:23:00	.	.	.	.
16MAR86:19:00	25MAR86:03:00	.	.	.	.
16MAR86:23:00	25MAR86:07:00	.	.	.	.

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
25MAR86:11:00	02APR86:19:00	.	.	.	.
25MAR86:15:00	02APR86:23:00	.	.	.	.
25MAR86:19:00	03APR86:03:00	.	.	.	.
25MAR86:23:00	03APR86:07:00	.	.	.	.
26MAR86:03:00	03APR86:11:00	.	.	.	.
26MAR86:07:00	03APR86:15:00	.	.	.	.
26MAR86:11:00	03APR86:19:00	.	.	.	.
26MAR86:15:00	03APR86:23:00	.	.	.	.
26MAR86:19:00	04APR86:03:00	.	.	.	.
26MAR86:23:00	04APR86:07:00	.	.	.	.
27MAR86:03:00	04APR86:11:00	.	.	.	.
27MAR86:07:00	04APR86:15:00	.	.	.	.
27MAR86:11:00	04APR86:19:00	.	.	.	.
27MAR86:15:00	04APR86:23:00	.	.	.	.
27MAR86:19:00	05APR86:03:00	.	.	.	.
27MAR86:23:00	05APR86:07:00	.	.	.	.
28MAR86:03:00	05APR86:11:00	.	.	.	.
28MAR86:07:00	05APR86:15:00	.	.	.	.
28MAR86:11:00	05APR86:19:00	.	.	.	.
28MAR86:15:00	05APR86:23:00	.	.	.	.
28MAR86:19:00	06APR86:03:00	.	.	.	.
28MAR86:23:00	06APR86:07:00	.	.	.	.
29MAR86:03:00	06APR86:11:00	.	.	.	.
29MAR86:07:00	06APR86:15:00	.	.	.	.
29MAR86:11:00	06APR86:19:00	.	.	.	.
29MAR86:15:00	06APR86:23:00	.	.	.	.
29MAR86:19:00	07APR86:03:00	.	.	.	.
29MAR86:23:00	07APR86:07:00	.	.	.	.
30MAR86:03:00	07APR86:11:00	.	.	.	.
30MAR86:07:00	07APR86:15:00	.	.	.	.
30MAR86:11:00	07APR86:19:00	.	.	.	.
30MAR86:15:00	07APR86:23:00	.	.	.	.
30MAR86:19:00	08APR86:03:00	.	.	.	.
30MAR86:23:00	08APR86:07:00	.	.	.	.
31MAR86:03:00	08APR86:11:00	.	.	.	.
31MAR86:07:00	08APR86:15:00	.	.	.	.
31MAR86:11:00	08APR86:19:00	.	.	.	.
31MAR86:15:00	08APR86:23:00	.	.	.	.
31MAR86:19:00	09APR86:03:00	.	.	.	.
31MAR86:23:00	09APR86:07:00	.	.	.	.
01APR86:03:00	09APR86:11:00	.	.	.	.
01APR86:07:00	09APR86:15:00	3	5	6	28
01APR86:11:00	09APR86:19:00	3	33	5	39
01APR86:15:00	09APR86:23:00	3	16	5	11
01APR86:19:00	10APR86:03:00	3	0	4	315
01APR86:23:00	10APR86:07:00	3	331	5	331
02APR86:03:00	10APR86:11:00	3	343	5	343
02APR86:07:00	10APR86:15:00	4	337	6	343
02APR86:11:00	10APR86:19:00	3	331	5	343
02APR86:15:00	10APR86:23:00	2	320	4	343

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
11APR86:03:00	1	315	.	.	19APR86:11:00	4	326	8	298
11APR86:07:00	1	320	2	320	19APR86:15:00	4	343	6	326
11APR86:11:00	1	309	3	303	19APR86:19:00	4	348	8	331
11APR86:15:00	2	241	4	208	19APR86:23:00	2	331	4	0
11APR86:19:00	1	196	3	180	20APR86:03:00	2	309	4	331
11APR86:23:00	0	.	3	28	20APR86:07:00	2	326	4	298
12APR86:03:00	1	337	.	.	20APR86:11:00	1	292	3	264
12APR86:07:00	2	337	3	303	20APR86:15:00	2	213	4	191
12APR86:11:00	2	331	4	337	20APR86:19:00	1	202	4	196
12APR86:15:00	2	354	5	348	20APR86:23:00	1	292	2	303
12APR86:19:00	1	236	3	253	21APR86:03:00	1	320	2	331
12APR86:23:00	1	315	3	309	21APR86:07:00	0	.	.	.
13APR86:03:00	1	320	3	0	21APR86:11:00	0	.	.	.
13APR86:07:00	0	.	.	.	21APR86:15:00	1	241	4	241
13APR86:11:00	1	123	2	174	21APR86:19:00	3	213	4	236
13APR86:15:00	2	196	4	191	21APR86:23:00	2	191	4	213
13APR86:19:00	2	213	4	185	22APR86:03:00	1	202	3	202
13APR86:23:00	1	84	2	78	22APR86:07:00	1	225	2	236
14APR86:03:00	2	73	3	78	22APR86:11:00	1	230	2	236
14APR86:07:00	2	56	3	90	22APR86:15:00	2	230	5	174
14APR86:11:00	2	90	4	106	22APR86:19:00	4	202	6	191
14APR86:15:00	2	95	4	157	22APR86:23:00	2	202	4	191
14APR86:19:00	2	90	5	95	23APR86:03:00	1	151	3	180
14APR86:23:00	0	.	.	.	23APR86:07:00	0	.	2	225
15APR86:03:00	1	354	.	.	23APR86:11:00	1	241	.	.
15APR86:07:00	1	320	2	258	23APR86:15:00	2	253	4	258
15APR86:11:00	2	61	4	45	23APR86:19:00	2	213	5	185
15APR86:15:00	2	84	4	61	23APR86:23:00	1	180	3	230
15APR86:19:00	2	219	4	180	24APR86:03:00	0	.	.	.
15APR86:23:00	1	275	3	303	24APR86:07:00	1	202	.	.
16APR86:03:00	2	337	4	326	24APR86:11:00	1	230	3	241
16APR86:07:00	2	331	4	320	24APR86:15:00	2	225	5	236
16APR86:11:00	2	343	4	331	24APR86:19:00	4	191	6	185
16APR86:15:00	2	0	5	135	24APR86:23:00	1	191	2	202
16APR86:19:00	1	253	3	247	25APR86:03:00	0	.	2	101
16APR86:23:00	0	.	2	191	25APR86:07:00	0	.	2	73
17APR86:03:00	1	67	3	73	25APR86:11:00	1	151	3	202
17APR86:07:00	0	.	2	331	25APR86:15:00	1	270	3	140
17APR86:11:00	1	292	3	236	25APR86:19:00	2	196	3	213
17APR86:15:00	2	241	3	241	25APR86:23:00	1	270	4	202
17APR86:19:00	2	354	5	196	26APR86:03:00	1	303	.	.
17APR86:23:00	1	264	.	.	26APR86:07:00	1	348	.	.
18APR86:03:00	0	.	3	0	26APR86:11:00	2	331	5	326
18APR86:07:00	0	.	.	.	26APR86:15:00	3	331	6	343
18APR86:11:00	2	11	3	5	26APR86:19:00	3	337	5	0
18APR86:15:00	2	61	4	78	26APR86:23:00	2	315	4	298
18APR86:19:00	1	225	4	180	27APR86:03:00	3	309	8	315
18APR86:23:00	1	286	2	253	27APR86:07:00	3	315	6	326
19APR86:03:00	1	331	.	.	27APR86:11:00	3	303	5	320
19APR86:07:00	3	337	5	320	27APR86:15:00	3	326	5	337

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
27APR86:19:00	3	309	7	298	06MAY86:03:00	2	191	4	168
27APR86:23:00	3	303	5	320	06MAY86:07:00	0	.	4	241
28APR86:03:00	2	315	5	275	06MAY86:11:00	1	151	3	225
28APR86:07:00	0	.	.	.	06MAY86:15:00	2	208	5	191
28APR86:11:00	2	5	4	0	06MAY86:19:00	1	264	4	219
28APR86:15:00	2	191	5	202	06MAY86:23:00	2	185	3	180
28APR86:19:00	2	225	4	191	07MAY86:03:00	2	185	3	185
28APR86:23:00	2	303	3	292	07MAY86:07:00	2	196	5	185
29APR86:03:00	1	309	3	309	07MAY86:11:00	2	180	4	180
29APR86:07:00	1	331	3	326	07MAY86:15:00	2	191	5	202
29APR86:11:00	2	348	4	0	07MAY86:19:00	3	180	5	185
29APR86:15:00	2	286	4	258	07MAY86:23:00	2	180	5	163
29APR86:19:00	3	202	5	213	08MAY86:03:00	2	191	4	163
29APR86:23:00	1	253	3	236	08MAY86:07:00	1	135	4	135
30APR86:03:00	1	354	2	73	08MAY86:11:00	2	106	5	84
30APR86:07:00	0	.	.	.	08MAY86:15:00	3	118	5	157
30APR86:11:00	1	270	3	258	08MAY86:19:00	2	208	6	146
30APR86:15:00	3	208	5	191	08MAY86:23:00	0	.	2	292
30APR86:19:00	4	191	7	191	09MAY86:03:00	1	191	3	230
30APR86:23:00	2	168	6	168	09MAY86:07:00	1	90	2	90
01MAY86:03:00	2	185	4	202	09MAY86:11:00	1	180	3	174
01MAY86:07:00	1	163	3	180	09MAY86:15:00	2	236	4	225
01MAY86:11:00	2	185	3	191	09MAY86:19:00	1	275	.	.
01MAY86:15:00	2	213	5	185	09MAY86:23:00	0	.	.	.
01MAY86:19:00	4	202	5	202	10MAY86:03:00	1	106	3	202
01MAY86:23:00	2	185	4	180	10MAY86:07:00	0	.	.	.
02MAY86:03:00	1	95	4	84	10MAY86:11:00	1	112	3	208
02MAY86:07:00	0	.	.	.	10MAY86:15:00	3	163	5	185
02MAY86:11:00	1	258	3	258	10MAY86:19:00	2	225	4	174
02MAY86:15:00	2	208	4	174	10MAY86:23:00	1	331	2	331
02MAY86:19:00	2	191	5	191	11MAY86:03:00	3	326	6	320
02MAY86:23:00	3	196	7	168	11MAY86:07:00	4	320	6	326
03MAY86:03:00	2	180	5	123	11MAY86:11:00	3	326	5	320
03MAY86:07:00	2	123	4	146	11MAY86:15:00	3	354	6	22
03MAY86:11:00	2	95	6	123	11MAY86:19:00	5	348	8	331
03MAY86:15:00	3	95	6	118	11MAY86:23:00	2	337	5	5
03MAY86:19:00	2	140	4	208	12MAY86:03:00	3	315	5	326
03MAY86:23:00	1	151	4	22	12MAY86:07:00	2	326	5	303
04MAY86:03:00	2	348	3	337	12MAY86:11:00	2	337	6	326
04MAY86:07:00	1	326	2	331	12MAY86:15:00	4	180	7	174
04MAY86:11:00	1	0	3	0	12MAY86:19:00	3	73	6	326
04MAY86:15:00	2	225	4	202	12MAY86:23:00	2	326	4	33
04MAY86:19:00	2	22	4	253	13MAY86:03:00	2	315	4	315
04MAY86:23:00	2	196	3	185	13MAY86:07:00	0	.	.	.
05MAY86:03:00	1	196	4	196	13MAY86:11:00	2	39	3	101
05MAY86:07:00	0	.	.	.	13MAY86:15:00	2	95	4	101
05MAY86:11:00	1	146	3	168	13MAY86:19:00	1	286	3	292
05MAY86:15:00	2	118	4	118	13MAY86:23:00	1	303	4	286
05MAY86:19:00	2	196	4	191	14MAY86:03:00	1	320	.	.
05MAY86:23:00	2	303	4	191	14MAY86:07:00	1	286	4	315

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
14MAY86:11:00	1	320	4	281	22MAY86:15:00	3	219	5	191
14MAY86:15:00	2	16	4	0	22MAY86:20:35	.	.	.	.
14MAY86:19:00	2	208	5	185	23MAY86:00:35	.	.	.	.
14MAY86:23:00	1	286	2	292	23MAY86:04:35	.	.	.	.
15MAY86:03:00	1	303	2	309	23MAY86:08:35	.	.	.	.
15MAY86:07:00	1	16	3	0	23MAY86:12:35	.	.	.	.
15MAY86:11:00	2	5	5	0	23MAY86:16:35	.	.	.	.
15MAY86:15:00	3	202	5	202	23MAY86:20:35	.	.	.	.
15MAY86:19:00	2	247	4	191	24MAY86:00:35	.	.	.	.
15MAY86:23:00	2	343	3	337	24MAY86:04:35	.	.	.	.
16MAY86:03:00	1	337	4	343	24MAY86:08:35	.	.	.	.
16MAY86:07:00	1	315	2	298	24MAY86:12:35	.	.	.	.
16MAY86:11:00	3	337	5	337	24MAY86:16:35	.	.	.	.
16MAY86:15:00	4	354	5	5	24MAY86:20:35	.	.	.	.
16MAY86:19:00	4	56	8	73	25MAY86:00:35	.	.	.	.
16MAY86:23:00	3	191	7	180	25MAY86:04:35	.	.	.	.
17MAY86:03:00	1	168	3	191	25MAY86:08:35	.	.	.	.
17MAY86:07:00	1	180	4	157	25MAY86:12:35	.	.	.	.
17MAY86:11:00	2	196	4	213	25MAY86:16:35	.	.	.	.
17MAY86:15:00	2	213	4	236	25MAY86:20:35	.	.	.	.
17MAY86:19:00	2	196	5	174	26MAY86:00:35	.	.	.	.
17MAY86:23:00	1	230	2	196	26MAY86:04:35	.	.	.	.
18MAY86:03:00	2	202	4	202	26MAY86:08:35	.	.	.	.
18MAY86:07:00	1	168	4	202	26MAY86:12:35	.	.	.	.
18MAY86:11:00	3	191	5	247	26MAY86:16:35	.	.	.	.
18MAY86:15:00	3	208	6	225	26MAY86:20:35	.	.	.	.
18MAY86:19:00	3	202	5	196	27MAY86:00:35	.	.	.	.
18MAY86:23:00	2	208	4	202	27MAY86:04:35	.	.	.	.
19MAY86:03:00	3	191	4	191	27MAY86:08:35	.	.	.	.
19MAY86:07:00	0	.	2	202	27MAY86:12:35	.	.	.	.
19MAY86:11:00	1	196	3	191	27MAY86:16:35	.	.	.	.
19MAY86:15:00	2	236	7	202	27MAY86:20:35	.	.	.	.
19MAY86:19:00	2	219	4	196	28MAY86:00:35	.	.	.	.
19MAY86:23:00	1	213	3	236	28MAY86:04:35	.	.	.	.
20MAY86:03:00	1	180	4	185	28MAY86:08:35	.	.	.	.
20MAY86:07:00	0	.	.	.	28MAY86:12:35	.	.	.	.
20MAY86:11:00	1	247	4	315	28MAY86:16:35	.	.	.	.
20MAY86:15:00	2	247	4	180	28MAY86:20:35	.	.	.	.
20MAY86:19:00	2	0	4	0	29MAY86:00:35	.	.	.	.
20MAY86:23:00	1	208	4	185	29MAY86:04:35	.	.	.	.
21MAY86:03:00	0	.	2	303	29MAY86:08:35	.	.	.	.
21MAY86:07:00	0	.	.	.	29MAY86:12:35	.	.	.	.
21MAY86:11:00	2	270	4	185	29MAY86:16:35	.	.	.	.
21MAY86:15:00	3	213	6	196	29MAY86:20:35	.	.	.	.
21MAY86:19:00	3	202	5	185	30MAY86:00:35	.	.	.	.
21MAY86:23:00	2	202	4	196	30MAY86:04:35	.	.	.	.
22MAY86:00:35	.	.	.	.	30MAY86:08:35	.	.	.	.
22MAY86:03:00	3	196	5	213	30MAY86:12:35	.	.	.	.
22MAY86:07:00	1	135	3	185	30MAY86:16:35	.	.	.	.
22MAY86:11:00	2	208	4	185	30MAY86:20:35	.	.	.	.

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
31MAY86:00:35	08JUN86:08:35	.	.	.	.
31MAY86:04:35	08JUN86:12:35	.	.	.	.
31MAY86:08:35	08JUN86:16:35	.	.	.	.
31MAY86:12:35	08JUN86:20:35	.	.	.	.
31MAY86:16:35	09JUN86:00:35	.	.	.	.
31MAY86:20:35	09JUN86:04:35	.	.	.	.
01JUN86:00:35	09JUN86:08:35	.	.	.	.
01JUN86:04:35	09JUN86:12:35	.	.	.	.
01JUN86:08:35	09JUN86:16:35	.	.	.	.
01JUN86:12:35	09JUN86:20:35	.	.	.	.
01JUN86:16:35	10JUN86:00:35	.	.	.	.
01JUN86:20:35	10JUN86:04:35	.	.	.	.
02JUN86:00:35	10JUN86:08:35	.	.	.	.
02JUN86:04:35	10JUN86:12:35	.	.	.	.
02JUN86:08:35	10JUN86:16:35	.	.	.	.
02JUN86:12:35	10JUN86:20:35	.	.	.	.
02JUN86:16:35	11JUN86:00:35	.	.	.	.
02JUN86:20:35	11JUN86:04:35	.	.	.	.
03JUN86:00:35	11JUN86:08:35	.	.	.	.
03JUN86:04:35	11JUN86:12:35	.	.	.	.
03JUN86:08:35	11JUN86:16:35	.	.	.	.
03JUN86:12:35	11JUN86:20:35	.	.	.	.
03JUN86:16:35	12JUN86:00:35	.	.	.	.
03JUN86:20:35	12JUN86:04:35	.	.	.	.
04JUN86:00:35	12JUN86:08:35	.	.	.	.
04JUN86:04:35	12JUN86:12:35	.	.	.	.
04JUN86:08:35	12JUN86:16:35	.	.	.	.
04JUN86:12:35	12JUN86:20:35	.	.	.	.
04JUN86:16:35	13JUN86:00:35	.	.	.	.
04JUN86:20:35	13JUN86:04:35	.	.	.	.
05JUN86:00:35	13JUN86:08:35	.	.	.	.
05JUN86:04:35	13JUN86:12:35	.	.	.	.
05JUN86:08:35	13JUN86:16:35	.	.	.	.
05JUN86:12:35	13JUN86:20:35	.	.	.	.
05JUN86:16:35	14JUN86:00:35	.	.	.	.
05JUN86:20:35	14JUN86:04:35	.	.	.	.
06JUN86:00:35	14JUN86:08:35	.	.	.	.
06JUN86:04:35	14JUN86:12:35	.	.	.	.
06JUN86:08:35	14JUN86:16:35	.	.	.	.
06JUN86:12:35	14JUN86:20:35	.	.	.	.
06JUN86:16:35	15JUN86:00:35	.	.	.	.
06JUN86:20:35	15JUN86:04:35	.	.	.	.
07JUN86:00:35	15JUN86:08:35	.	.	.	.
07JUN86:04:35	15JUN86:12:35	.	.	.	.
07JUN86:08:35	15JUN86:16:35	.	.	.	.
07JUN86:12:35	15JUN86:20:35	.	.	.	.
07JUN86:16:35	16JUN86:00:35	.	.	.	.
07JUN86:20:35	16JUN86:04:35	.	.	.	.
08JUN86:00:35	16JUN86:08:35	.	.	.	.
08JUN86:04:35	16JUN86:12:35	.	.	.	.

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
16JUN86:16:35	25JUN86:00:35	.	.	.	.
16JUN86:20:35	25JUN86:04:35	.	.	.	.
17JUN86:00:35	25JUN86:08:35	.	.	.	.
17JUN86:04:35	25JUN86:12:35	.	.	.	.
17JUN86:08:35	25JUN86:16:35	.	.	.	.
17JUN86:12:35	25JUN86:20:35	.	.	.	.
17JUN86:16:35	26JUN86:00:35	.	.	.	.
17JUN86:20:35	26JUN86:04:35	.	.	.	.
18JUN86:00:35	26JUN86:08:35	.	.	.	.
18JUN86:04:35	26JUN86:12:35	.	.	.	.
18JUN86:08:35	26JUN86:16:35	.	.	.	.
18JUN86:12:35	26JUN86:20:35	.	.	.	.
18JUN86:16:35	27JUN86:00:35	.	.	.	.
18JUN86:20:35	27JUN86:04:35	.	.	.	.
19JUN86:00:35	27JUN86:08:35	.	.	.	.
19JUN86:04:35	27JUN86:12:35	.	.	.	.
19JUN86:08:35	27JUN86:16:35	.	.	.	.
19JUN86:12:35	27JUN86:20:35	.	.	.	.
19JUN86:16:35	28JUN86:00:35	.	.	.	.
19JUN86:20:35	28JUN86:04:35	.	.	.	.
20JUN86:00:35	28JUN86:08:35	.	.	.	.
20JUN86:04:35	28JUN86:12:35	.	.	.	.
20JUN86:08:35	28JUN86:16:35	.	.	.	.
20JUN86:12:35	28JUN86:20:35	.	.	.	.
20JUN86:16:35	29JUN86:00:35	.	.	.	.
20JUN86:20:35	29JUN86:04:35	.	.	.	.
21JUN86:00:35	29JUN86:08:35	.	.	.	.
21JUN86:04:35	29JUN86:12:35	.	.	.	.
21JUN86:08:35	29JUN86:16:35	.	.	.	.
21JUN86:12:35	29JUN86:20:35	.	.	.	.
21JUN86:16:35	30JUN86:00:35	.	.	.	.
21JUN86:20:35	30JUN86:04:35	.	.	.	.
22JUN86:00:35	30JUN86:08:35	.	.	.	.
22JUN86:04:35	30JUN86:12:35	.	.	.	.
22JUN86:08:35	30JUN86:16:35	.	.	.	.
22JUN86:12:35	30JUN86:20:35	.	.	.	.
22JUN86:16:35	01JUL86:00:35	.	.	.	.
22JUN86:20:35	01JUL86:04:35	.	.	.	.
23JUN86:00:35	01JUL86:08:35	.	.	.	.
23JUN86:04:35	01JUL86:12:35	.	.	.	.
23JUN86:08:35	01JUL86:16:35	.	.	.	.
23JUN86:12:35	01JUL86:20:35	.	.	.	.
23JUN86:16:35	02JUL86:00:35	.	.	.	.
23JUN86:20:35	02JUL86:04:35	.	.	.	.
24JUN86:00:35	02JUL86:08:35	.	.	.	.
24JUN86:04:35	02JUL86:12:35	.	.	.	.
24JUN86:08:35	02JUL86:16:35	.	.	.	.
24JUN86:12:35	02JUL86:20:35	.	.	.	.
24JUN86:16:35	03JUL86:04:35	.	.	.	.
24JUN86:20:35	03JUL86:08:35	.	.	.	.

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
03JUL86:12:35	.	.	.	.	11JUL86:20:00	3	202	5	168
03JUL86:16:00	3	191	5	191	12JUL86:00:00	2	202	4	219
03JUL86:20:00	3	202	5	191	12JUL86:04:00	0	.	3	157
04JUL86:00:00	.	.	4	.	12JUL86:08:00	1	180	3	208
04JUL86:04:00	.	.	.	.	12JUL86:12:00	1	185	4	208
04JUL86:08:00	1	191	3	213	12JUL86:16:00	2	185	4	174
04JUL86:12:00	2	202	4	208	12JUL86:20:00	2	106	4	196
04JUL86:16:00	2	213	4	185	13JUL86:00:00	1	180	4	180
04JUL86:20:00	2	208	4	185	13JUL86:04:00	2	146	3	101
05JUL86:00:00	1	219	3	202	13JUL86:08:00	1	180	3	180
05JUL86:04:00	1	230	2	219	13JUL86:12:00	1	101	3	73
05JUL86:08:00	0	.	.	.	13JUL86:16:00	1	168	4	202
05JUL86:12:00	1	33	4	84	13JUL86:20:00	2	202	4	191
05JUL86:16:00	2	11	5	230	14JUL86:00:00	0	.	.	.
05JUL86:20:00	3	202	5	208	14JUL86:04:00	0	.	.	.
06JUL86:00:00	1	213	5	202	14JUL86:08:00	0	.	.	.
06JUL86:04:00	0	.	.	.	14JUL86:12:00	1	337	3	315
06JUL86:08:00	1	331	3	0	14JUL86:16:00	2	163	3	135
06JUL86:12:00	2	320	4	303	14JUL86:20:00	1	213	3	174
06JUL86:16:00	3	196	6	174	15JUL86:00:00	2	202	5	146
06JUL86:20:00	1	258	4	213	15JUL86:04:00	1	185	4	236
07JUL86:00:00	0	.	.	.	15JUL86:08:00	1	0	3	343
07JUL86:04:00	0	.	.	.	15JUL86:12:00	2	202	4	191
07JUL86:08:00	0	.	.	.	15JUL86:16:00	0	.	3	174
07JUL86:12:00	2	354	3	5	15JUL86:20:00	1	56	4	78
07JUL86:16:00	2	67	3	33	16JUL86:00:00	1	337	2	331
07JUL86:20:00	1	95	3	95	16JUL86:04:00	1	213	3	191
08JUL86:00:00	1	208	3	196	16JUL86:08:00	2	202	4	196
08JUL86:04:00	1	196	2	202	16JUL86:12:00	0	.	2	56
08JUL86:08:00	1	196	3	180	16JUL86:16:00	1	180	3	230
08JUL86:12:00	1	213	3	174	16JUL86:20:00	1	191	3	180
08JUL86:16:00	2	219	4	225	17JUL86:00:00	0	.	.	.
08JUL86:20:00	2	213	3	185	17JUL86:04:00	0	.	.	.
09JUL86:00:00	2	213	4	225	17JUL86:08:00	0	.	.	.
09JUL86:04:00	1	191	3	196	17JUL86:12:00	1	157	4	185
09JUL86:08:00	1	191	3	202	17JUL86:16:00	3	202	4	219
09JUL86:12:00	1	213	3	286	17JUL86:20:00	2	202	4	208
09JUL86:16:00	2	208	4	213	18JUL86:00:00	0	.	.	.
09JUL86:20:00	3	202	5	180	18JUL86:04:00	1	331	3	343
10JUL86:00:00	2	196	4	225	18JUL86:08:00	2	320	4	303
10JUL86:04:00	1	151	2	191	18JUL86:12:00	2	264	4	309
10JUL86:08:00	1	185	2	236	18JUL86:16:00	3	191	4	196
10JUL86:12:00	2	202	4	202	18JUL86:20:00	2	196	4	202
10JUL86:16:00	3	191	6	196	19JUL86:00:00	1	168	3	185
10JUL86:20:00	2	213	4	213	19JUL86:04:00	1	163	2	202
11JUL86:00:00	0	.	3	174	19JUL86:08:00	1	101	2	73
11JUL86:04:00	1	78	3	84	19JUL86:12:00	1	202	4	219
11JUL86:08:00	1	95	2	84	19JUL86:16:00	2	101	5	219
11JUL86:12:00	2	196	3	219	19JUL86:20:00	2	202	5	191
11JUL86:16:00	2	191	5	191	20JUL86:00:00	1	146	5	208

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
20JUL86:04:00	4	180	6	129	28JUL86:12:00	1	354	2	11
20JUL86:08:00	4	180	5	174	28JUL86:16:00	1	236	3	163
20JUL86:12:00	3	196	5	168	28JUL86:20:00	1	213	4	191
20JUL86:16:00	3	196	4	219	29JUL86:00:00	1	208	4	196
20JUL86:20:00	2	106	4	129	29JUL86:04:00	1	140	3	168
21JUL86:00:00	1	73	3	84	29JUL86:08:00	2	90	3	90
21JUL86:04:00	1	106	.	.	29JUL86:12:00	2	180	4	230
21JUL86:08:00	0	.	2	50	29JUL86:16:00	2	202	4	180
21JUL86:12:00	2	84	4	106	29JUL86:20:00	2	202	4	213
21JUL86:16:00	2	174	4	163	30JUL86:00:00	1	213	2	191
21JUL86:20:00	1	202	3	247	30JUL86:04:00	0	.	3	225
22JUL86:00:00	1	180	2	225	30JUL86:08:00	0	.	2	191
22JUL86:04:00	1	95	3	95	30JUL86:12:00	2	202	4	196
22JUL86:08:00	0	.	.	.	30JUL86:16:00	2	230	4	230
22JUL86:12:00	1	45	3	16	30JUL86:20:00	1	236	3	230
22JUL86:16:00	2	61	4	67	31JUL86:00:00	1	213	3	208
22JUL86:20:00	2	45	4	39	31JUL86:04:00	1	191	2	236
23JUL86:00:00	1	45	2	241	31JUL86:08:00	1	185	3	191
23JUL86:04:00	1	253	2	208	31JUL86:12:00	2	202	4	196
23JUL86:08:00	0	.	.	.	31JUL86:16:00	1	208	2	208
23JUL86:12:00	2	180	4	196	31JUL86:20:00	0	.	.	.
23JUL86:16:00	3	151	5	146	01AUG86:00:00	0	.	.	.
23JUL86:20:00	3	163	4	163	01AUG86:04:00	0	.	.	.
24JUL86:00:00	3	168	5	151	01AUG86:08:00	1	101	.	.
24JUL86:04:00	3	180	4	185	01AUG86:12:00	1	112	.	.
24JUL86:08:00	2	185	4	191	01AUG86:16:00	1	326	2	90
24JUL86:12:00	2	219	4	196	01AUG86:20:00	0	.	.	.
24JUL86:16:00	2	191	5	180	02AUG86:00:00	0	.	.	.
24JUL86:20:00	2	202	4	185	02AUG86:04:00	0	.	.	.
25JUL86:00:00	0	.	.	.	02AUG86:08:00	0	.	.	.
25JUL86:04:00	1	95	3	140	02AUG86:12:00	1	16	3	0
25JUL86:08:00	0	.	2	185	02AUG86:16:00	2	90	3	112
25JUL86:12:00	1	275	3	208	02AUG86:20:00	2	146	5	168
25JUL86:16:00	0	.	.	.	03AUG86:00:00	1	106	3	174
25JUL86:20:00	1	61	2	84	03AUG86:04:00	0	.	3	28
26JUL86:00:00	1	73	3	90	03AUG86:08:00	1	354	2	0
26JUL86:04:00	1	67	3	84	03AUG86:12:00	1	309	3	196
26JUL86:08:00	1	123	.	.	03AUG86:16:00	2	196	4	185
26JUL86:12:00	1	213	4	168	03AUG86:20:00	1	213	4	180
26JUL86:16:00	3	191	4	157	04AUG86:00:00	0	.	.	.
26JUL86:20:00	2	202	4	208	04AUG86:04:00	1	281	4	185
27JUL86:00:00	1	320	4	309	04AUG86:08:00	2	202	3	191
27JUL86:04:00	2	331	4	326	04AUG86:12:00	2	196	4	191
27JUL86:08:00	1	326	3	343	04AUG86:16:00	1	225	3	202
27JUL86:12:00	3	348	6	315	04AUG86:20:00	1	241	4	196
27JUL86:16:00	3	343	6	343	05AUG86:00:00	2	219	4	213
27JUL86:20:00	2	320	4	320	05AUG86:04:00	1	61	3	73
28JUL86:00:00	0	.	.	.	05AUG86:08:00	1	67	2	95
28JUL86:04:00	1	67	.	.	05AUG86:12:00	3	191	4	180
28JUL86:08:00	0	.	2	230	05AUG86:16:00	2	202	4	236

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
05AUG86:20:00	2	202	4	241	14AUG86:04:00	1	135	3	191
06AUG86:00:00	0	.	2	168	14AUG86:08:00	2	95	4	95
06AUG86:04:00	1	157	2	191	14AUG86:12:00	2	112	4	185
06AUG86:08:00	1	90	3	78	14AUG86:16:00	2	185	4	213
06AUG86:12:00	2	90	4	118	14AUG86:20:00	2	101	3	101
06AUG86:16:00	1	230	2	185	15AUG86:00:00	2	73	2	78
06AUG86:20:00	2	213	3	219	15AUG86:04:00	1	33	3	45
07AUG86:00:00	0	.	.	.	15AUG86:08:00	1	281	3	286
07AUG86:04:00	0	.	.	.	15AUG86:12:00	1	320	4	0
07AUG86:08:00	1	78	3	112	15AUG86:16:00	2	264	4	270
07AUG86:12:00	1	67	2	67	15AUG86:20:00	1	230	3	292
07AUG86:16:00	1	50	2	174	16AUG86:00:00	0	.	.	.
07AUG86:20:00	1	67	3	78	16AUG86:04:00	0	.	.	.
08AUG86:00:00	1	309	3	343	16AUG86:08:00	0	.	.	.
08AUG86:04:00	2	337	4	343	16AUG86:12:00	1	258	3	225
08AUG86:08:00	3	348	4	326	16AUG86:16:00	2	230	4	202
08AUG86:12:00	3	337	6	337	16AUG86:20:00	2	202	4	191
08AUG86:16:00	2	303	3	303	17AUG86:00:00	1	135	3	90
08AUG86:20:00	2	303	4	315	17AUG86:04:00	2	78	3	84
09AUG86:00:00	0	.	2	315	17AUG86:08:00	1	84	3	95
09AUG86:04:00	0	.	.	.	17AUG86:12:00	1	174	4	185
09AUG86:08:00	0	.	.	.	17AUG86:16:00	2	213	4	230
09AUG86:12:00	1	331	3	315	17AUG86:20:00	1	202	3	168
09AUG86:16:00	1	315	3	281	18AUG86:00:00	2	202	4	185
09AUG86:20:00	1	320	2	326	18AUG86:04:00	0	.	.	.
10AUG86:00:00	0	.	2	0	18AUG86:08:00	0	.	3	185
10AUG86:04:00	0	.	.	.	18AUG86:12:00	1	208	3	185
10AUG86:08:00	0	.	.	.	18AUG86:16:00	1	208	3	196
10AUG86:12:00	0	.	2	196	18AUG86:20:00	1	123	.	.
10AUG86:16:00	1	106	3	78	19AUG86:00:00	0	.	.	.
10AUG86:20:00	1	90	3	61	19AUG86:04:00	1	84	2	67
11AUG86:00:00	0	.	.	.	19AUG86:08:00	0	.	.	.
11AUG86:04:00	1	129	2	151	19AUG86:12:00	1	157	4	185
11AUG86:08:00	0	.	3	180	19AUG86:16:00	3	196	4	191
11AUG86:12:00	1	196	3	219	19AUG86:20:00	1	208	4	191
11AUG86:16:00	1	28	2	95	20AUG86:00:00	1	202	2	225
11AUG86:20:00	1	247	.	.	20AUG86:04:00	1	174	.	.
12AUG86:00:00	2	213	6	191	20AUG86:08:00	1	101	3	129
12AUG86:04:00	3	208	5	213	20AUG86:12:00	2	174	4	213
12AUG86:08:00	1	202	4	180	20AUG86:16:00	2	213	4	253
12AUG86:12:00	1	208	4	225	20AUG86:20:00	2	219	4	241
12AUG86:16:00	1	185	3	241	21AUG86:00:00	1	174	3	196
12AUG86:20:00	1	129	3	163	21AUG86:04:00	1	191	3	196
13AUG86:00:00	1	174	3	185	21AUG86:08:00	0	.	2	157
13AUG86:04:00	2	180	4	185	21AUG86:12:00	2	163	4	168
13AUG86:08:00	3	180	6	191	21AUG86:16:00	3	196	4	180
13AUG86:12:00	3	185	5	208	21AUG86:20:00	1	202	3	202
13AUG86:16:00	3	180	7	191	22AUG86:00:00	1	163	3	180
13AUG86:20:00	2	180	4	191	22AUG86:04:00	2	168	3	163
14AUG86:00:00	1	168	4	185	22AUG86:08:00	0	.	.	.

DNR-DIV. GEOLOGICAL AND GEOPHYSICAL SURVEYS
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DATETIME	AVS	AVD	GUS	GUD	DATETIME	AVS	AVD	GUS	GUD
22AUG86:12:00	1	326	4	326	30AUG86:20:00	0	.	.	.
22AUG86:16:00	2	90	4	61	31AUG86:00:00	1	354	2	354
22AUG86:20:00	0	.	3	22	31AUG86:04:00	1	343	3	0
23AUG86:00:00	1	0	4	45	31AUG86:08:00	1	315	2	298
23AUG86:04:00	2	331	3	315	31AUG86:12:00	2	331	4	337
23AUG86:08:00	1	337	3	348	31AUG86:16:00	1	315	3	247
23AUG86:12:00	2	326	3	309	31AUG86:20:00	1	292	3	298
23AUG86:16:00	2	343	3	348	01SEP86:00:00	1	196	3	168
23AUG86:20:00	1	331	3	45	01SEP86:04:00	2	168	4	191
24AUG86:00:00	1	303	.	.	01SEP86:08:00	1	168	2	185
24AUG86:04:00	1	326	.	.	01SEP86:12:00	1	163	3	168
24AUG86:08:00	1	309	2	292	01SEP86:16:00	2	123	4	129
24AUG86:12:00	2	326	4	0	01SEP86:20:00	2	95	4	56
24AUG86:16:00	2	320	4	331	02SEP86:00:00	0	.	.	.
24AUG86:20:00	2	326	3	298	02SEP86:04:00	1	157	4	163
25AUG86:00:00	2	315	3	348	02SEP86:08:00	1	112	3	90
25AUG86:04:00	1	331	3	320	02SEP86:12:00	2	106	5	208
25AUG86:08:00	1	320	.	.	02SEP86:16:00	3	180	5	202
25AUG86:12:00	1	309	3	315	02SEP86:20:00	1	101	4	84
25AUG86:16:00	2	331	4	354	03SEP86:00:00	1	140	.	.
25AUG86:20:00	2	326	4	354	03SEP86:04:00	1	112	2	101
26AUG86:00:00	1	303	3	275	03SEP86:08:00	0	.	.	.
26AUG86:04:00	2	320	4	343	03SEP86:12:00	2	202	4	196
26AUG86:08:00	2	292	4	326	03SEP86:16:00	2	208	4	180
26AUG86:12:00	2	298	4	320	03SEP86:20:00	1	213	3	174
26AUG86:16:00	1	286	3	292	04SEP86:00:00	1	90	2	84
26AUG86:20:00	1	298	3	270	04SEP86:04:00	2	78	3	84
27AUG86:00:00	1	309	.	.	04SEP86:08:00	1	84	3	73
27AUG86:04:00	0	.	.	.	04SEP86:12:00	1	241	3	230
27AUG86:08:00	0	.	3	151	04SEP86:16:00	1	230	3	236
27AUG86:12:00	2	67	3	39	04SEP86:20:00	1	253	3	253
27AUG86:16:00	1	101	3	67	05SEP86:00:00	0	.	.	.
27AUG86:20:00	1	331	3	225	05SEP86:04:00	0	.	.	.
28AUG86:00:00	1	16	2	348	05SEP86:08:00	0	.	.	.
28AUG86:04:00	0	.	.	.	05SEP86:12:00	1	56	.	.
28AUG86:08:00	1	50	3	61	05SEP86:16:00	1	264	3	225
28AUG86:12:00	0	.	2	202	05SEP86:20:00	1	219	2	253
28AUG86:16:00	2	208	4	185	06SEP86:00:00	0	.	.	.
28AUG86:20:00	1	208	4	230	06SEP86:04:00	1	112	.	.
29AUG86:00:00	0	.	.	.	06SEP86:08:00	1	129	.	.
29AUG86:04:00	1	78	2	61	06SEP86:12:00	1	101	3	90
29AUG86:08:00	0	.	.	.	06SEP86:16:00	1	230	4	230
29AUG86:12:00	1	16	4	50	06SEP86:20:00	0	.	.	.
29AUG86:16:00	1	11	2	50	07SEP86:00:00	0	.	.	.
29AUG86:20:00	1	84	.	.	07SEP86:04:00	1	343	3	5
30AUG86:00:00	0	.	.	.	07SEP86:08:00	1	320	3	309
30AUG86:04:00	1	337	4	0	07SEP86:12:00	2	354	4	348
30AUG86:08:00	0	.	.	.	07SEP86:16:00	2	331	4	331
30AUG86:12:00	1	22	3	22	07SEP86:20:00	2	326	4	337
30AUG86:16:00	0	.	.	.	08SEP86:00:00	2	337	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
08SEP86:04:00	1	281	3	337	16SEP86:12:00	0	.	.	.
08SEP86:08:00	1	303	3	348	16SEP86:16:00	0	.	.	.
08SEP86:12:00	1	264	3	5	16SEP86:20:00	0	.	.	.
08SEP86:16:00	2	219	4	191	17SEP86:00:00	0	.	.	.
08SEP86:20:00	1	281	2	258	17SEP86:04:00	2	78	4	50
09SEP86:00:00	0	.	.	.	17SEP86:08:00	1	22	3	73
09SEP86:04:00	1	241	3	348	17SEP86:12:00	1	11	4	84
09SEP86:08:00	0	.	.	.	17SEP86:16:00	1	118	3	78
09SEP86:12:00	1	320	3	286	17SEP86:20:00	1	208	2	196
09SEP86:16:00	2	208	4	185	18SEP86:00:00	0	.	2	180
09SEP86:20:00	1	185	3	180	18SEP86:04:00	0	.	.	.
10SEP86:00:00	0	.	.	.	18SEP86:08:00	0	.	.	.
10SEP86:04:00	2	67	2	67	18SEP86:12:00	2	135	3	191
10SEP86:08:00	1	73	3	67	18SEP86:16:00	2	196	4	168
10SEP86:12:00	1	320	4	348	18SEP86:20:00	1	163	3	191
10SEP86:16:00	2	275	3	275	19SEP86:00:00	0	.	.	.
10SEP86:20:00	0	.	2	315	19SEP86:04:00	0	.	.	.
11SEP86:00:00	0	.	.	.	19SEP86:08:00	1	78	3	90
11SEP86:04:00	1	67	2	90	19SEP86:12:00	1	78	3	84
11SEP86:08:00	1	67	2	78	19SEP86:16:00	1	50	2	22
11SEP86:12:00	1	225	2	219	19SEP86:20:00	2	16	3	0
11SEP86:16:00	1	219	3	241	20SEP86:00:00	2	28	3	33
11SEP86:20:00	0	.	2	185	20SEP86:04:00	3	22	4	22
12SEP86:00:00	0	.	.	.	20SEP86:08:00	1	343	4	11
12SEP86:04:00	0	.	3	90	20SEP86:12:00	2	168	5	180
12SEP86:08:00	1	11	4	90	20SEP86:16:00	3	208	6	191
12SEP86:12:00	1	292	3	315	20SEP86:20:00	1	180	.	.
12SEP86:16:00	1	219	3	174	21SEP86:00:00	0	.	.	.
12SEP86:20:00	1	213	3	168	21SEP86:04:00	1	309	4	326
13SEP86:00:00	0	.	.	.	21SEP86:08:00	1	320	2	315
13SEP86:04:00	1	67	2	101	21SEP86:12:00	1	331	4	337
13SEP86:08:00	1	78	3	67	21SEP86:16:00	1	45	2	67
13SEP86:12:00	1	11	3	264	21SEP86:20:00	0	.	.	.
13SEP86:16:00	1	230	4	174	22SEP86:00:00	0	.	.	.
13SEP86:20:00	1	225	3	225	22SEP86:04:00	0	.	.	.
14SEP86:00:00	1	123	.	.	22SEP86:08:00	0	.	2	67
14SEP86:04:00	0	.	.	.	22SEP86:12:00	2	50	3	78
14SEP86:08:00	0	.	.	.	22SEP86:16:00	2	315	3	326
14SEP86:12:00	0	.	.	.	22SEP86:20:00	2	315	4	303
14SEP86:16:00	1	61	3	16	23SEP86:00:00	4	309	6	303
14SEP86:20:00	0	.	.	.	23SEP86:04:00	4	303	9	326
15SEP86:00:00	0	.	.	.	23SEP86:08:00	6	315	12	343
15SEP86:04:00	0	.	.	.	23SEP86:12:00	5	315	13	337
15SEP86:08:00	1	78	2	84	23SEP86:16:00	4	303	9	309
15SEP86:12:00	0	.	.	.	23SEP86:20:00	4	315	8	264
15SEP86:16:00	1	202	4	180	24SEP86:00:00	1	331	3	309
15SEP86:20:00	1	185	3	196	24SEP86:04:00	2	320	4	331
16SEP86:00:00	0	.	.	.	24SEP86:08:00	1	315	3	303
16SEP86:04:00	0	.	.	.	24SEP86:12:00	2	320	4	270
16SEP86:08:00	0	.	.	.	24SEP86:16:00	3	331	5	354

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
24SEP86:20:00	3	303	5	298	03OCT86:00:00	.	.	.	.
25SEP86:00:00	4	320	7	343	03OCT86:04:00	.	.	.	.
25SEP86:04:00	4	326	7	326	03OCT86:08:00	.	.	.	.
25SEP86:08:00	4	326	7	320	03OCT86:12:00	.	.	.	.
25SEP86:12:00	4	326	6	348	03OCT86:16:00	.	.	.	.
25SEP86:16:00	3	337	5	320	03OCT86:20:00	.	.	.	.
25SEP86:20:00	2	320	3	331	04OCT86:00:00	.	.	.	.
26SEP86:00:00	2	343	4	348	04OCT86:04:00	.	.	.	.
26SEP86:04:00	1	348	.	.	04OCT86:08:00	.	.	.	.
26SEP86:08:00	2	343	3	331	04OCT86:12:00	.	.	.	.
26SEP86:12:00	2	331	4	343	04OCT86:16:00	.	.	.	.
26SEP86:16:00	2	326	4	292	04OCT86:20:00	.	.	.	.
26SEP86:20:00	1	292	2	337	05OCT86:00:00	.	.	.	.
26SEP86:20:00	.	.	.	.	05OCT86:04:00	.	.	.	.
27SEP86:00:00	.	.	.	.	05OCT86:08:00	.	.	.	.
27SEP86:04:00	.	.	.	.	05OCT86:12:00	.	.	.	.
27SEP86:08:00	.	.	.	.	05OCT86:16:00	.	.	.	.
27SEP86:12:00	.	.	.	.	05OCT86:20:00	.	.	.	.
27SEP86:16:00	.	.	.	.	06OCT86:00:00	.	.	.	.
27SEP86:20:00	.	.	.	.	06OCT86:04:00	.	.	.	.
28SEP86:00:00	.	.	.	.	06OCT86:08:00	.	.	.	.
28SEP86:04:00	.	.	.	.	06OCT86:12:00	.	.	.	.
28SEP86:08:00	.	.	.	.	06OCT86:16:00	.	.	.	.
28SEP86:12:00	.	.	.	.	06OCT86:20:00	.	.	.	.
28SEP86:16:00	.	.	.	.	07OCT86:00:00	.	.	.	.
28SEP86:20:00	.	.	.	.	07OCT86:04:00	.	.	.	.
29SEP86:00:00	.	.	.	.	07OCT86:08:00	.	.	.	.
29SEP86:04:00	.	.	.	.	07OCT86:12:00	.	.	.	.
29SEP86:08:00	.	.	.	.	07OCT86:16:00	.	.	.	.
29SEP86:12:00	.	.	.	.	07OCT86:20:00	.	.	.	.
29SEP86:16:00	.	.	.	.	08OCT86:00:00	.	.	.	.
29SEP86:20:00	.	.	.	.	08OCT86:04:00	.	.	.	.
30SEP86:00:00	.	.	.	.	08OCT86:08:00	.	.	.	.
30SEP86:04:00	.	.	.	.	08OCT86:12:00	.	.	.	.
30SEP86:08:00	.	.	.	.	08OCT86:16:00	.	.	.	.
30SEP86:12:00	.	.	.	.	08OCT86:20:00	.	.	.	.
30SEP86:16:00	.	.	.	.	09OCT86:00:00	.	.	.	.
30SEP86:20:00	.	.	.	.	09OCT86:04:00	.	.	.	.
01OCT86:00:00	.	.	.	.	09OCT86:08:00	.	.	.	.
01OCT86:04:00	.	.	.	.	09OCT86:12:00	.	.	.	.
01OCT86:08:00	.	.	.	.	09OCT86:16:00	.	.	.	.
01OCT86:12:00	.	.	.	.	09OCT86:20:00	.	.	.	.
01OCT86:16:00	.	.	.	.	10OCT86:00:00	.	.	.	.
01OCT86:20:00	.	.	.	.	10OCT86:04:00	.	.	.	.
02OCT86:00:00	.	.	.	.	10OCT86:08:00	.	.	.	.
02OCT86:04:00	.	.	.	.	10OCT86:12:00	.	.	.	.
02OCT86:08:00	.	.	.	.	10OCT86:16:00	.	.	.	.
02OCT86:12:00	.	.	.	.	10OCT86:20:00	.	.	.	.
02OCT86:16:00	.	.	.	.	11OCT86:00:00	.	.	.	.
02OCT86:20:00	.	.	.	.	11OCT86:04:00	.	.	.	.

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
11OCT86:08:00	19OCT86:16:00	.	.	.	.
11OCT86:12:00	19OCT86:20:00	.	.	.	.
11OCT86:16:00	20OCT86:00:00	.	.	.	.
11OCT86:20:00	20OCT86:04:00	.	.	.	.
12OCT86:00:00	20OCT86:08:00	.	.	.	.
12OCT86:04:00	20OCT86:12:00	.	.	.	.
12OCT86:08:00	20OCT86:16:00	.	.	.	.
12OCT86:12:00	20OCT86:20:00	.	.	.	.
12OCT86:16:00	21OCT86:00:00	.	.	.	.
12OCT86:20:00	21OCT86:04:00	.	.	.	.
13OCT86:00:00	21OCT86:08:00	.	.	.	.
13OCT86:04:00	21OCT86:12:00	.	.	.	.
13OCT86:08:00	21OCT86:16:00	.	.	.	.
13OCT86:12:00	21OCT86:20:00	.	.	.	.
13OCT86:16:00	22OCT86:00:00	.	.	.	.
13OCT86:20:00	22OCT86:04:00	.	.	.	.
14OCT86:00:00	22OCT86:08:00	.	.	.	.
14OCT86:04:00	22OCT86:12:00	.	.	.	.
14OCT86:08:00	22OCT86:16:00	.	.	.	.
14OCT86:12:00	22OCT86:20:00	.	.	.	.
14OCT86:16:00	23OCT86:00:00	.	.	.	.
14OCT86:20:00	23OCT86:04:00	.	.	.	.
15OCT86:00:00	23OCT86:08:00	.	.	.	.
15OCT86:04:00	23OCT86:12:00	.	.	.	.
15OCT86:08:00	23OCT86:16:00	.	.	.	.
15OCT86:12:00	23OCT86:20:00	.	.	.	.
15OCT86:16:00	24OCT86:00:00	.	.	.	.
15OCT86:20:00	24OCT86:04:00	.	.	.	.
16OCT86:00:00	24OCT86:08:00	.	.	.	.
16OCT86:04:00	24OCT86:12:00	.	.	.	.
16OCT86:08:00	24OCT86:16:00	.	.	.	.
16OCT86:12:00	24OCT86:20:00	.	.	.	.
16OCT86:16:00	25OCT86:00:00	.	.	.	.
16OCT86:20:00	25OCT86:04:00	.	.	.	.
17OCT86:00:00	25OCT86:08:00	.	.	.	.
17OCT86:04:00	25OCT86:12:00	.	.	.	.
17OCT86:08:00	25OCT86:16:00	.	.	.	.
17OCT86:12:00	25OCT86:20:00	.	.	.	.
17OCT86:16:00	26OCT86:00:00	.	.	.	.
17OCT86:20:00	26OCT86:04:00	.	.	.	.
18OCT86:00:00	26OCT86:08:00	.	.	.	.
18OCT86:04:00	26OCT86:12:00	.	.	.	.
18OCT86:08:00	26OCT86:16:00	.	.	.	.
18OCT86:12:00	26OCT86:20:00	.	.	.	.
18OCT86:16:00	27OCT86:00:00	.	.	.	.
18OCT86:20:00	27OCT86:04:00	.	.	.	.
19OCT86:00:00	27OCT86:08:00	.	.	.	.
19OCT86:04:00	27OCT86:12:00	.	.	.	.
19OCT86:08:00	27OCT86:16:00	.	.	.	.
19OCT86:12:00	27OCT86:20:00	.	.	.	.

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
28OCT86:00:00	.	.	.	.	05NOV86:06:00	1	337	3	298
28OCT86:04:00	.	.	.	.	05NOV86:10:00	0	.	.	.
28OCT86:08:00	.	.	.	.	05NOV86:14:00	2	157	5	168
28OCT86:12:00	.	.	.	.	05NOV86:18:00	2	78	4	61
28OCT86:16:00	.	.	.	.	05NOV86:22:00	1	56	2	73
28OCT86:20:00	.	.	.	.	06NOV86:02:00	1	348	3	303
29OCT86:00:00	.	.	.	.	06NOV86:06:00	2	337	3	309
29OCT86:04:00	.	.	.	.	06NOV86:10:00	2	315	4	0
29OCT86:08:00	.	.	.	.	06NOV86:14:00	1	0	4	315
29OCT86:12:00	.	.	.	.	06NOV86:18:00	1	33	2	16
29OCT86:16:00	.	.	.	.	06NOV86:22:00	1	5	.	.
29OCT86:20:00	.	.	.	.	07NOV86:02:00	1	348	3	0
30OCT86:00:00	.	.	.	.	07NOV86:06:00	2	348	4	348
30OCT86:04:00	.	.	.	.	07NOV86:10:00	2	331	4	0
30OCT86:08:00	.	.	.	.	07NOV86:14:00	3	343	6	320
30OCT86:10:00	1	331	2	343	07NOV86:18:00	3	331	5	337
30OCT86:14:00	1	16	3	0	07NOV86:22:00	3	326	5	281
30OCT86:18:00	0	.	.	.	08NOV86:02:00	4	343	7	315
30OCT86:22:00	0	.	.	.	08NOV86:06:00	3	337	4	309
31OCT86:02:00	1	11	3	0	08NOV86:10:00	3	331	5	0
31OCT86:06:00	2	354	4	0	08NOV86:14:00	2	331	5	309
31OCT86:10:00	3	348	5	0	08NOV86:18:00	2	320	5	309
31OCT86:14:00	2	354	4	0	08NOV86:22:00	2	331	5	0
31OCT86:18:00	2	343	4	0	09NOV86:02:00	2	315	4	0
31OCT86:22:00	2	337	4	0	09NOV86:06:00	2	309	4	315
01NOV86:02:00	3	331	4	326	09NOV86:10:00	2	309	4	343
01NOV86:06:00	2	337	5	0	09NOV86:14:00	2	309	4	303
01NOV86:10:00	3	320	4	292	09NOV86:18:00	2	331	4	0
01NOV86:14:00	3	320	4	326	09NOV86:22:00	2	331	3	0
01NOV86:18:00	2	337	4	298	10NOV86:02:00	2	326	4	5
01NOV86:22:00	2	326	4	0	10NOV86:06:00	1	337	2	331
02NOV86:02:00	2	315	4	343	10NOV86:10:00	1	326	3	0
02NOV86:06:00	2	320	4	309	10NOV86:14:00	1	337	3	348
02NOV86:10:00	2	309	4	292	10NOV86:18:00	1	331	2	343
02NOV86:14:00	2	309	3	213	10NOV86:22:00	2	337	4	0
02NOV86:18:00	0	.	2	73	11NOV86:02:00	2	348	3	320
02NOV86:22:00	0	.	.	.	11NOV86:06:00	2	337	4	343
03NOV86:02:00	1	354	2	298	11NOV86:10:00	2	337	4	331
03NOV86:06:00	1	320	3	320	11NOV86:14:00	2	337	4	315
03NOV86:10:00	2	320	3	0	11NOV86:18:00	2	343	3	343
03NOV86:14:00	1	0	4	33	11NOV86:22:00	2	331	4	326
03NOV86:18:00	2	315	3	11	12NOV86:02:00	2	337	4	331
03NOV86:22:00	1	315	3	326	12NOV86:06:00	3	343	4	0
04NOV86:02:00	0	.	.	.	12NOV86:10:00	3	337	4	0
04NOV86:06:00	0	.	2	180	12NOV86:14:00	3	348	4	348
04NOV86:10:00	2	78	3	78	12NOV86:18:00	2	348	4	0
04NOV86:14:00	1	67	3	78	12NOV86:22:00	1	348	3	39
04NOV86:18:00	2	84	3	106	13NOV86:02:00	1	337	3	11
04NOV86:22:00	2	5	4	50	13NOV86:06:00	1	326	3	348
05NOV86:02:00	2	326	4	298	13NOV86:10:00	1	337	.	.

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
13NOV86:14:00	2	315	4	0	21NOV86:22:00	2	343	4	337
13NOV86:18:00	0	.	3	343	22NOV86:02:00	3	331	4	315
13NOV86:22:00	1	326	3	348	22NOV86:06:00	2	343	4	331
14NOV86:02:00	22NOV86:10:00	2	343	3	0
14NOV86:06:00	22NOV86:14:00	2	343	4	331
14NOV86:10:00	22NOV86:18:00	2	348	4	0
14NOV86:14:00	22NOV86:22:00	3	348	4	0
14NOV86:18:00	23NOV86:02:00	2	337	4	0
14NOV86:22:00	23NOV86:06:00	0	.	.	.
15NOV86:02:00	23NOV86:10:00	3	84	4	95
15NOV86:06:00	23NOV86:14:00	3	67	4	73
15NOV86:10:00	23NOV86:18:00	1	348	3	56
15NOV86:14:00	23NOV86:22:00	2	337	4	337
15NOV86:18:00	24NOV86:02:00	2	337	4	315
15NOV86:22:00	24NOV86:06:00	2	331	4	0
16NOV86:02:00	24NOV86:10:00	3	331	5	292
16NOV86:06:00	24NOV86:14:00	3	337	5	309
16NOV86:10:00	24NOV86:18:00	3	331	5	337
16NOV86:14:00	24NOV86:22:00	3	331	6	0
16NOV86:18:00	25NOV86:02:00	4	320	6	309
16NOV86:22:00	25NOV86:06:00	4	315	6	309
17NOV86:02:00	25NOV86:10:00	4	331	6	326
17NOV86:06:00	25NOV86:14:00	4	326	7	320
17NOV86:10:00	25NOV86:18:00	4	320	6	326
17NOV86:14:00	25NOV86:22:00	4	331	6	331
17NOV86:18:00	26NOV86:02:00	3	320	5	315
17NOV86:22:00	26NOV86:06:00	2	331	4	0
18NOV86:02:00	26NOV86:10:00	3	331	5	343
18NOV86:06:00	26NOV86:14:00	3	326	5	331
18NOV86:10:00	26NOV86:18:00	3	320	4	309
18NOV86:14:00	26NOV86:22:00	2	320	4	315
18NOV86:18:00	27NOV86:02:00	2	343	4	0
18NOV86:22:00	27NOV86:06:00	1	0	3	309
19NOV86:02:00	27NOV86:10:00	2	331	4	326
19NOV86:06:00	27NOV86:14:00	3	337	5	320
19NOV86:10:00	27NOV86:18:00	4	315	7	309
19NOV86:14:00	27NOV86:22:00	4	320	8	303
19NOV86:18:00	28NOV86:02:00	3	320	5	281
19NOV86:22:00	28NOV86:06:00	3	309	5	0
20NOV86:02:00	28NOV86:10:00	3	320	4	0
20NOV86:06:00	28NOV86:14:00	3	343	5	0
20NOV86:10:00	28NOV86:18:00	2	331	4	337
20NOV86:14:00	28NOV86:22:00	2	331	4	331
20NOV86:18:00	29NOV86:02:00	1	326	.	.
20NOV86:22:00	29NOV86:06:00	1	106	4	168
21NOV86:02:00	29NOV86:10:00	2	157	4	191
21NOV86:06:00	29NOV86:14:00	2	84	4	67
21NOV86:10:00	2	337	4	5	29NOV86:18:00	2	247	4	309
21NOV86:14:00	2	354	4	343	29NOV86:22:00	2	343	4	326
21NOV86:18:00	3	343	4	326	30NOV86:02:00	3	343	4	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

DATETIME	AVS	AVD	GUS	GUD	DATETIME	AVS	AVD	GUS	GUD
30NOV86:06:00	2	331	5	0	08DEC86:14:00	1	315	5	286
30NOV86:10:00	1	315	3	315	08DEC86:18:00	.	.	.	.
30NOV86:14:00	1	320	2	22	08DEC86:22:00	.	.	.	.
30NOV86:18:00	1	331	3	0	09DEC86:02:00	.	.	.	.
30NOV86:22:00	2	331	4	320	09DEC86:06:00	3	180	6	202
01DEC86:02:00	3	337	6	331	09DEC86:10:00	2	95	4	191
01DEC86:06:00	3	326	5	326	09DEC86:14:00	2	343	4	298
01DEC86:10:00	3	309	5	315	09DEC86:18:00	4	337	5	343
01DEC86:14:00	2	320	4	0	09DEC86:22:00	3	315	5	337
01DEC86:18:00	2	326	4	348	10DEC86:02:00	3	331	5	331
01DEC86:22:00	1	90	2	95	10DEC86:06:00	2	298	4	303
02DEC86:02:00	0	.	.	.	10DEC86:10:00	2	326	3	56
02DEC86:06:00	1	343	3	354	10DEC86:14:00	1	337	4	33
02DEC86:10:00	1	315	3	337	10DEC86:18:00	2	5	4	5
02DEC86:14:00	0	.	.	.	10DEC86:22:00	1	275	3	264
02DEC86:18:00	0	.	.	.	11DEC86:02:00	1	281	3	292
02DEC86:22:00	0	.	.	.	11DEC86:06:00	1	303	3	337
03DEC86:02:00	1	56	2	16	11DEC86:10:00	0	.	.	.
03DEC86:06:00	1	11	.	.	11DEC86:14:00	1	292	4	343
03DEC86:10:00	1	22	3	39	11DEC86:18:00	1	39	4	73
03DEC86:14:00	2	22	3	45	11DEC86:22:00	1	45	3	270
03DEC86:18:00	1	337	2	292	12DEC86:02:00	1	67	4	67
03DEC86:22:00	2	320	3	320	12DEC86:06:00	1	112	3	78
04DEC86:02:00	2	326	3	337	12DEC86:10:00	1	140	3	163
04DEC86:06:00	2	309	3	343	12DEC86:14:00	1	112	2	135
04DEC86:10:00	2	337	4	56	12DEC86:18:00	1	0	3	56
04DEC86:14:00	2	320	4	331	12DEC86:22:00	1	16	4	39
04DEC86:18:00	2	320	4	337	13DEC86:02:00	1	39	2	61
04DEC86:22:00	2	309	4	0	13DEC86:06:00	1	22	4	45
05DEC86:02:00	2	320	5	0	13DEC86:10:00	2	343	3	343
05DEC86:06:00	2	348	5	0	13DEC86:14:00	2	331	4	320
05DEC86:10:00	2	348	4	0	13DEC86:18:00	3	331	5	0
05DEC86:14:00	2	343	3	309	13DEC86:22:00	2	337	3	320
05DEC86:18:00	1	315	2	0	14DEC86:02:00	2	331	4	343
05DEC86:22:00	2	174	3	185	14DEC86:06:00	1	315	4	348
06DEC86:02:00	1	168	3	185	14DEC86:10:00	.	.	.	.
06DEC86:06:00	0	.	.	.	14DEC86:14:00	0	.	.	.
06DEC86:10:00	0	.	.	.	14DEC86:18:00	2	180	3	202
06DEC86:14:00	0	.	.	.	14DEC86:22:00	2	157	4	151
06DEC86:18:00	0	.	3	61	15DEC86:02:00	2	157	4	202
06DEC86:22:00	1	28	3	67	15DEC86:06:00	2	78	3	56
07DEC86:02:00	1	337	3	337	15DEC86:10:00	2	0	4	61
07DEC86:06:00	2	337	4	331	15DEC86:14:00	1	303	3	0
07DEC86:10:00	2	337	4	337	15DEC86:18:00	3	45	4	56
07DEC86:14:00	3	331	4	315	15DEC86:22:00	3	39	5	5
07DEC86:18:00	3	326	5	337	16DEC86:02:00	3	78	7	50
07DEC86:22:00	3	331	7	0	16DEC86:06:00	1	16	4	90
08DEC86:02:00	3	309	5	337	16DEC86:10:00	1	33	3	73
08DEC86:06:00	3	309	5	298	16DEC86:14:00	1	61	3	22
08DEC86:10:00	2	337	4	320	16DEC86:18:00	2	67	3	84

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
16DEC86:22:00	2	22	3	28	25DEC86:06:00	3	343	5	326
17DEC86:02:00	1	303	3	185	25DEC86:10:00	0	.	2	185
17DEC86:06:00	1	315	2	0	25DEC86:14:00	2	78	3	78
17DEC86:10:00	1	309	.	.	25DEC86:18:00	1	331	.	.
17DEC86:14:00	1	298	2	247	25DEC86:22:00	1	303	.	.
17DEC86:18:00	1	309	3	0	26DEC86:02:00	0	.	2	315
17DEC86:22:00	1	298	3	331	26DEC86:06:00	0	.	.	.
18DEC86:02:00	1	303	3	320	26DEC86:10:00	0	.	.	.
18DEC86:06:00	1	286	4	331	26DEC86:14:00	0	.	.	.
18DEC86:10:00	1	309	3	315	26DEC86:18:00	1	5	.	.
18DEC86:14:00	1	309	2	11	26DEC86:22:00	2	320	3	303
18DEC86:18:00	1	298	2	292	27DEC86:02:00	2	326	4	326
18DEC86:22:00	1	326	3	315	27DEC86:06:00	3	331	5	326
19DEC86:02:00	2	56	4	67	27DEC86:10:00	3	337	6	326
19DEC86:06:00	1	320	3	331	27DEC86:14:00	3	326	5	0
19DEC86:10:00	2	326	4	343	27DEC86:18:00	3	326	5	320
19DEC86:14:00	2	337	4	326	27DEC86:22:00	4	331	7	320
19DEC86:18:00	2	331	4	11	28DEC86:02:00	4	326	5	315
19DEC86:22:00	3	337	5	0	28DEC86:06:00	3	320	8	315
20DEC86:02:00	2	337	4	348	28DEC86:10:00	3	331	5	331
20DEC86:06:00	3	348	4	348	28DEC86:14:00	2	348	4	348
20DEC86:10:00	1	326	4	331	28DEC86:18:00	2	326	4	331
20DEC86:14:00	2	343	4	348	28DEC86:22:00	3	337	5	331
20DEC86:18:00	2	22	5	168	29DEC86:02:00	2	331	4	331
20DEC86:22:00	2	331	4	0	29DEC86:06:00	2	331	4	331
21DEC86:02:00	1	348	3	16	29DEC86:10:00	2	348	4	337
21DEC86:06:00	1	343	3	39	29DEC86:14:00	0	.	.	.
21DEC86:10:00	1	315	3	298	29DEC86:18:00	.	.	.	.
21DEC86:14:00	2	326	3	337	29DEC86:22:00	2	174	5	180
21DEC86:18:00	1	331	4	28	30DEC86:02:00	2	84	4	45
21DEC86:22:00	2	331	3	0	30DEC86:06:00	2	22	4	0
22DEC86:02:00	2	337	4	331	30DEC86:10:00	3	331	4	348
22DEC86:06:00	3	331	5	315	30DEC86:14:00	3	331	6	320
22DEC86:10:00	2	331	4	320	30DEC86:18:00	4	343	7	315
22DEC86:14:00	3	343	4	331	30DEC86:22:00	3	320	6	56
22DEC86:18:00	3	348	4	320	31DEC86:02:00	2	331	4	0
22DEC86:22:00	3	343	6	331	31DEC86:06:00	2	326	4	337
23DEC86:02:00	2	337	4	348	31DEC86:10:00	3	331	5	331
23DEC86:06:00	2	331	4	331	31DEC86:14:00	3	326	6	348
23DEC86:10:00	3	337	5	298	31DEC86:18:00	3	326	4	343
23DEC86:14:00	3	331	4	0	31DEC86:22:00	2	331	4	331
23DEC86:18:00	3	337	5	343					
23DEC86:22:00	3	337	5	315					
24DEC86:02:00	3	337	4	320					
24DEC86:06:00	3	343	4	343					
24DEC86:10:00	3	337	5	326					
24DEC86:14:00	3	348	4	337					
24DEC86:18:00	3	343	4	315					
24DEC86:22:00	3	337	5	326					
25DEC86:02:00	4	337	6	320					