



SEISMOLOGICAL SERIES
of the
DOMINION OBSERVATORY

1965-2

**CANADIAN
EARTHQUAKES - 1965**

W.E. T. Smith and W.G. Milne

**Seismological Service
of Canada**

OTTAWA, CANADA

Department of Energy, Mines and Resources

OBSERVATORIES BRANCH

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INTRODUCTION

This is a continuation of the initial part of an investigation of the properties of this series. Previous results of the program of the International Union of Pure and Applied Chemistry (IUPAC) and International Union of Pure and Applied Chemistry (IUPAC) are given in the bibliography of the 1964 IUPAC (1964) and IUPAC (1964).

For the purpose of the present study, the results of the investigation of the properties of this series are divided into four regions. The most important of these regions are the regions of the series north of the 50th parallel. The series north of the 50th parallel is divided into three regions: a Western region (west of the 100th meridian), a Central region (between the 100th and 120th meridians), and an Eastern region (east of the 120th meridian).

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CANADIAN EARTHQUAKES - 1965

INTRODUCTION

This is a continuation of the annual lists of earthquakes in Canada published in this series. Previous results of the program of the Seismological Service to catalogue all Canadian earthquakes and subsequent seismicity studies are enumerated in the bibliography of the 1964 list (Smith and Milne, 1969).

For the purpose of earthquake listings, Canada has been arbitrarily divided into four regions. The most northerly is the Arctic region, consisting of that part of Canada north of the 60th parallel. The area south of the 60th parallel is divided into three regions: a Western region lying west of the 113th meridian, an Eastern region lying east of the 85th meridian, and a Central region lying between the 85th and the 113th meridians.

The earthquakes of the Eastern, Arctic and Western regions are given in Tables I, II and III, and the epicentres are plotted in Figures 1, 2 and 3. In each of these maps the symbol representing an earthquake is related to its magnitude as indicated by a diagram in the legend. The data are being stored on punch cards. Accordingly, the tables were produced from computer printout by photo-offset. The epicentres are not computed. However, for some 18 stations of the Eastern, Arctic and Central regions, measurements made on the seismograms were processed by computer to give origin times, epicentral distances and magnitudes, after which the epicentres were obtained graphically as usual. This has greatly accelerated the preparation of these lists.

The tables are in the usual format: date, time, latitude and longitude each followed by its uncertainties in brackets, depth if known, and magnitude. Unfortunately, the signs for degree, minute and plus or minus had to be omitted in the printout and the practice of inserting notes made the use of tabular headings impractical. It should be clearly understood that the uncertainties are not 'probable errors' or any other statistical evaluations. They were assigned by the authors after consideration of the number and quality of the seismic traces, the positions of the epicentres relative to the recording stations, etc., and are an indication of their confidence in the precision of the determinations. When both uncertainties in the co-ordinates are adjudged to amount to less than $\pm 20'$ of arc, the epicentre is plotted as a filled circle; otherwise the circle is left open.

Where epicentral determinations are ascribed to other organizations such as the United States Coast and Geodetic Survey (USCGS) or the International Seismological Centre (ISC), unified magnitudes (m) are given: otherwise magnitudes are on the local earthquake magnitude scale (M_L).

NETWORK CHANGES

Detailed notes regarding changes in instrumental constants, calibrations, etc., can be found in the Seismological Bulletins (1965-1 of this series). However, it

is important to note here that all of the stations in the western region were recalibrated in 1965 and set at higher gains. This has a direct bearing on the number of earthquakes recorded in that region.

Four new first-order stations were commissioned during the year. The dates and places are as follows:

February 22	Flin Flon, Man.
May 12	Fort St. James, B. C.
July 26	Baker Lake, N. W. T.
September 27	Great Whale River, Que.

The second-order station at Shawinigan Falls, Que. was discontinued December 8.

Except as just specified, the 25 stations listed below were operative throughout the year. Their international code letters are given as these are the accepted station abbreviations.

ALB	Alberni, B. C.	OTT	Ottawa, Ont.
ALE	Alert, N. W. T.	PNT	Penticton, B. C.
BLC	Baker Lake, N. W. T.	PHC	Port Hardy, B. C.
CMC	Coppermine, N. W. T.	RES	Resolute, N. W. T.
EDM	Edmonton, Alta.	SCB	Scarborough, Ont.
FFC	Flin Flon, Man.	SCH	Schefferville, Que.
FSJ	Fort St. James, B. C.	SFA	Seven Falls, Que.
FBC	Frobisher Bay, N. W. T.	SHF	Shawinigan Falls, Que.
GWC	Great Whale River, Que.	SIC	Sept-Iles, Que.
HAL	Halifax, N. S.	STJ	St. John's, Nfld.
LND	London, Ont.	VIC	Victoria, B. C.
MNT	Montreal, Que.	YKC	Yellowknife, N. W. T.
MBC	Mould Bay, N. W. T.		

EASTERN REGION (East of 85°W between 40°N and 60°N)

The thirty-nine seismic disturbances which originated in this region during 1965 are listed in Table I. No serial numbers have, as yet, been assigned. Six were reported felt. Twenty-nine were located and their epicentres plotted in Figure 1. The largest was magnitude (M_L) 4.9.

ARCTIC REGION (North of 60°N)

One hundred and ninety-nine disturbances were recorded in the Arctic region during 1965. They are listed in Table II without serial numbers. One hundred and two were located and their epicentres plotted in Figure 2. The three largest were of unified magnitudes (m) 5.8, 5.7 and 5.6.

Three of the one hundred and two located earthquakes are the three largest of a swarm of 2026 microearthquakes located on Prince Patrick Island, N.W.T., and described in detail by Smith, Whitham and Piché (1968).

WESTERN REGION (West of 113°W , South of 60°N)

Three hundred and forty-four seismic disturbances were recorded in this region during 1965. They are listed with their serial numbers in Table III. Sixty-three were located and their epicentres plotted in Figure 3.

The largest earthquake (magnitude 6.5, number 2431) was centred 20 miles southwest of Seattle on April 29, 1965. Considerable damage was caused in the epicentral area, and several persons died as a result of this event. The earthquake was felt in southwestern British Columbia. There were reports of minor damage in many areas. Questionnaires were distributed in Canada, and the results are shown on the isoseismal map (Figure 4). This earthquake triggered one strong motion accelerograph in Victoria.

A sequence of landslides east of Hope, B.C., appears to be related to two earthquakes (numbers 2314 and 2315) in January 1965. The slides moved down the mountain and across a major highway during the early morning hours. Two persons were buried by the second, and larger slide. There is no accurate time given for the slides (Mathews and McTaggart, 1969), so it is not possible to say whether each earthquake triggered a slide, but this is a distinct possibility.

The numbers of earthquakes reported for the western region continue to increase with each publication. Readers are requested to consider that this is due to an increase in the number and sensitivity of seismograph stations in British Columbia, and is not an increase in the real number of earthquakes. Any unusual activity will be mentioned in these notes. Some of the earthquakes on the Penticton records during daylight hours may be mining blasts in the United States.

CENTRAL REGION (South of 60°N between 85°W and 113°W)

One small disturbance was recorded in June and a four-shock sequence, the largest of which was of magnitude 4.5, was recorded in November. The data for these are given below. No map is provided.

A number of events recorded only at Flin Flon from distances of 580 to 712 miles, mostly in the interval 16 to 19 hours U.T., were believed to be blasts and are omitted.

JUNE 5	08:00:20	M = 1.7	19 miles from FFC.
NOVEMBER 12	06:30:17	$57^{\circ}15'(\quad)\text{N}$, $90^{\circ}50'(\quad)\text{W}$.	M = 4.4
		Foreshock of the earthquake at 10:40 November 12.	

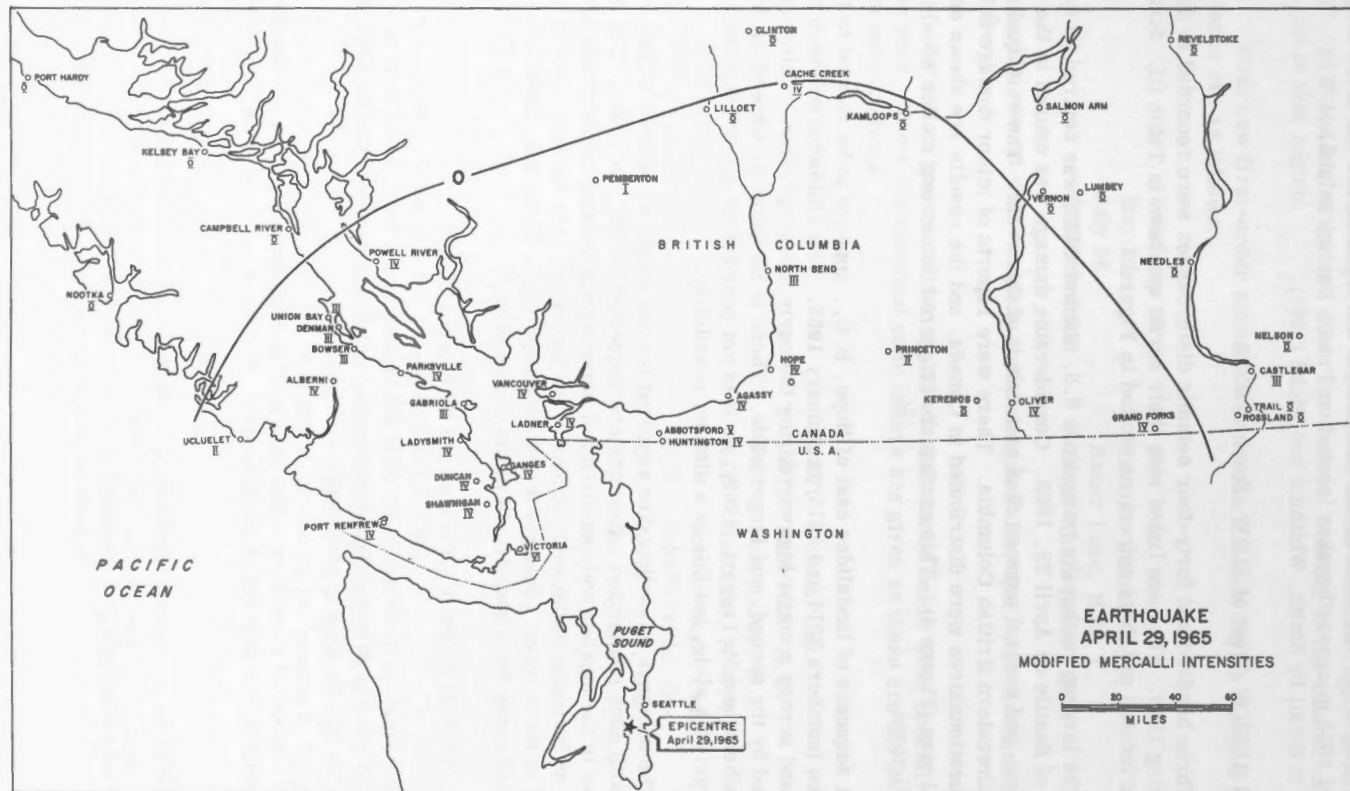


Figure 4

- NOVEMBER 12 10:40:24 57°15'(+45')N, 90°50'(+1°00')W. M = 4.5
Near Cape Tatnam on the shore of Hudson Bay.
- NOVEMBER 12 20:12:44 57°15'()N, 90°50'()W. M = 4.2
Aftershock of the earthquake at 10:40 November 12.
- DECEMBER 16 10:39:00 M = 3.6 440 miles from FFC.
Probably an aftershock of the earthquake at 10:40,
November 12.

ACKNOWLEDGMENTS

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D. Schieman assisted in scanning and reading the records of the Arctic and Eastern regions.

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TABLE I
EARTHQUAKES IN EASTERN CANADA AND ADJACENT AREAS
1965

(UNIVERSAL TIME IS USED THROUGHOUT)
(M = MAGNITUDE)

JAN 1	13 09 18.	44 28(15)N,	77 38(18)W,	DEP=28 KM.	M=2.9.
		25 MILES NORTHWEST OF BELLEVILLE ONT.			FELT AT BELLEVILLE ONT.
JAN 3	17 05 01.	43 30()N,	72 00()W,	DEP=10 KM.	M=3.0.
		NEW HAMPSHIRE. MAG (ML) BY DOM OBS.			(ISC)
JAN 8	12 29 45.	48 00(35)N,	78 30(40)W.	M=3.5.	
		20 MILES SOUTHWEST OF MALARTIC QUE.			
JAN 11	12 35 34.	45 37(12)N,	73 52(15)W.	M=1.8.	
		16 MILES NORTHWEST OF MONTREAL QUE.			
FEB 3	01 43 23.	M=1.8.	61 MILES FROM SIC.		
FEB 3	09 44 27.	46 00(12)N,	76 46(15)W.	M=2.8.	
		20 MILES NORTHEAST OF CHAPEAU QUE. FELT AT DEEP RIVER, RENFREW, CHAPEAU, EAGANVILLE AND PEMBROKE.			
FEB 19	10 25 49.	44 37()N,	79 25()W.	M=2.0.	
		RADIO REPORT OF EARTH TREMOR FELT IN ORILLIA AREA BETWEEN 5 AND 6 AM EST.			
MAR 1	02 22 08.	47 30(25)N,	71 15(30)W.	M=3.1.	
		36 MILES NORTHWEST OF SEVEN FALLS QUE.			
MAR 4	18 08 16.	46 55(15)N,	73 50(18)W.	M=2.6.	
		10 MILES NORTH OF MATTAWIN RESERVOIR QUE. OR 44 04N, 73 35W VERMONT.			
MAR 5	12 11 01.	47 43(15)N,	78 50(17)W.	M=3.2.	
		NEAR LAC SIMARD QUE.			
MAR 6	21 13 13.	45 00(1 20)N,	83 00(35)W.	M=4.2.	
		LAKE HURON.			
MAR 18	12 04 29.	49 46(15)N,	67 32(18)W.	M=2.8.	
		FORESHOCK OF THE EARTHQUAKE 4.6 MINUTES LATER.			
MAR 18	12 09 05.	49 46(15)N,	67 32(18)W.	M=3.1.	
		20 MILES WEST OF RIVIERE-PENTECOTE QUE.			
MAR 19	16 59 47.	M=3.9.	446 MILES FROM SCH.		

APR 1 06 30 20. 46 00(19)N, 80 30(25)W. M=3.4.
NEAR FRENCH RIVER ONT.

JUN 2 16 15 14. M=1.2. 10 MILES FROM OTT.

JUL 2 05 05 38. M=2.3. 142 MILES FROM SIC.

JUL 16 11 06 55. 43 12(15)N, 78 30(16)W. M=3.5.
30 MILES NORTHWEST OF BUFFALO NY.

JUL 16 21 24 50. M=2.6. 67 MILES FROM LND.

AUG 27 01 55 55. 44 47(15)N, 79 50(17)W. M=3.3.
NEAR PENETANGUISHENE ONT.

AUG 27 15 16 38. M=2.9. 237 MILES FROM SHF.
185 MILES FROM SFA.

AUG 28 15 05 38. 47 32(18)N, 70 34(20)W. M=2.3.
NEAR BAIE-ST-PAUL QUE.

AUG 31 08 38 44. 46 00(15)N, 65 17(12)W. M=3.2.
NEAR HAVELOCK NB.

SEP 15 15 56 28. 46 43(14)N, 79 03(18)W. M=3.8.
NEAR TIMISKAMING STATION QUE. TWO DOZEN FELT
REPORTS FROM NORTH BAY ONT AND ONE FROM READING.

OCT 5 14 36 55. 49 47(18)N, 67 40(20)W. M=4.6.
25 MILES WEST OF RIVIFRE-PENTECOTE QUE.

OCT 8 02 17 27. 40 05(15)N, 79 45(20)W. M=3.3.
PENNSYLVANIA.

OCT 18 12 10 17. 53 08(45)N, 79 16(55)W. M=3.6.
JAMES BAY.

NOV 7 20 57 44. 47 06(12)N, 76 04(15)W, DFP=27 KM. M=4.5
NORTH OF BASKATONG RESERVOIR QUE. FELT AT GLENELM
QUE. SINGLE REPORTS FROM ARNPRIOR AND OTTAWA ONT.

NOV 10 08 24 47. M=2.3. 48 MILES FROM HAL.

NOV 10 08 28 21. M=2.2. 48 MILES FROM HAL.

NOV 14 04 12 59. 46 57(14)N, 74 03(19)W. M=2.4.
20 MILES NORTH OF ST-MICHEL-DES-SAINTS QUE.

NOV 15 11 12 30. 49 22(20)N, 53 40(55)W. M=4.0.
NEAR DEADMANS BAY NFLD.

NOV 24 21 28 01. 46 56(25)N, 76 17(30)W. M=3.7.
NEAR BASKATONG RESERVOIR QUE.

NOV 28 23 26 10. 45 34(55)N, 57 54(24)W, DEP=19 KM. M=4.2.
150 MILES NORTHEAST OF SABLE ISLAND NS.

DEC 15 08 47 59. M=3.3. 267 MILES FROM STJ.
351 MILES FROM HAL.

DEC 16 13 53 19. 47 50(19)N, 70 36(25)W. M=4.1.
25 MILES NORTHWEST OF BAIE-ST-PAUL QUE.

DEC 19 00 49 17. 51 10(18)N, 80 50(30)W. M=4.9.
25 MILES SOUTHWEST OF MOOSE FACTORY ONT. TWO MILD
SHOCKS WERE FELT 100 MILES NORTH OF MONTRFAL.
THESE MAY HAVE BEEN FROM A DIFFERENT EARTHQUAKE.

DEC 19 01 05 52. 47 02(10)N, 76 25(12)W. M=3.5.
SOUTH OF THE CARONGA RESERVOIR QUE.

DEC 31 21 31 25. 59 40(18)N, 56 50(30)W. M=4.5.
LABRADOR SEA.

TABLE II
EARTHQUAKES IN THE CANADIAN ARCTIC
1965

(UNIVERSAL TIME IS USED THROUGHOUT)
(M = MAGNITUDE)

JAN 4	20 48 58. 67 08(03)N, 135 08(13)W, DEP=33 KM. M=4.5. NEAR FORT MCPHERSON NWT. ML=5.3. (ISC)
JAN 4	21 37 28. 67 20(18)N, 136 00(30)W. M=4.4. WEST OF FORT MCPHERSON NWT.
JAN 5	18 30 13. M=1.5. 53 MILES FROM YKC.
JAN 5	18 34 04. 67 16(25)N, 135 30(30)W. M=4.6. WEST OF FORT MCPHERSON NWT.
JAN 8	07 31 53. 66 50(30)N, 134 20(1 00)W. M=4.2. NEAR THE PEEL RIVER IN NORTHERN YUKON.
JAN 8	18 58 04. 66 55(40)N, 135 35(1 00)W. M=3.9. WEST OF FORT MCPHERSON NWT.
JAN 11	16 53 54. M=4.4. 748 MILES FROM FBC.
JAN 14	17 13 11. M=3.7. 388 MILES FROM YKC.
JAN 15	04 24 20. M=2.6. 135 MILES FROM RES.
JAN 20	09 45 57. 67 17(05)N, 135 54(16)W, DEP=33 KM. M=4.0. NORTHWEST OF FORT MCPHERSON NWT. ML=4.9. (ISC)
JAN 22	09 26 34. 80 00(50)N, 90 00(2 00)W. M=3.3. AXEL HEIBERG ISLAND NWT.
JAN 22	17 40 18. 67 10(18)N, 135 30(35)W. M=3.7. WEST OF FORT MCPHERSON NWT.
JAN 23	06 03 24. 77 40(1 00)N, 70 00(2 30)W. M=3.1. BAFFIN BAY NEAR THE COAST OF GREENLAND.
JAN 23	08 15 01. M=3.3. 358 MILES FROM ALE.
JAN 23	18 22 10. 83 30(1 00)N, 72 30(2 30)W. M=2.4. 112 MILES NORTHWEST OF ALERT NWT.
JAN 24	17 49 09. 71 35(19)N, 78 20(55)W. M=4.1. NORTHERN PART OF BAFFIN ISLAND NWT.

JAN 25 09 52 52. 81 50(18)N, 89 30(1 30)W. M=3.5.
NORTHERN COAST OF ELLESMERE ISLAND NWT.

JAN 27 23 27 49. 70 55(50)N, 81 00(2 30)W. M=3.8.
NORTHERN PART OF RAFFIN ISLAND NWT.

JAN 30 13 48 06. 67 20(17)N, 134 45(40)W. M=4.2.
NEAR FORT MCPHERSON NWT.

JAN 30 06 28 59. M=2.1. 143 MILES FROM RES.

FEB 1 00 12 27. M=1.9. 58 MILES FROM ALE.

FEB 1 01 44 30. 72 10(25)N, 74 00(1 30)W. M=3.8.
NORTHEAST COAST OF BAFFIN ISLAND NWT.

FEB 6 09 57 57. 76 55(15)N, 95 50(1 00)W, DFP=25 KM. M=3.2.
NORTH END OF DEVON ISLAND NWT.

FEB 8 14 54 15. 65 05(19)N, 132 50(40)W. M=4.2.
YUKON

FEB 9 21 03 58. M=1.8. 79 MILES FROM MBC.

FEB 12 18 32 15. 63 24(08)N, 134 12(19)W, DEP=33 KM. M=3.8.
YUKON. (ISC)

FEB 16 19 09 57. 63 05(30)N, 124 25(1 20)W. M=3.6.
WEST OF WRIGLEY NWT.

FEB 22 15 57 43. 61 30(19)N, 60 40(35)W. M=3.7.
LABRADOR SEA.

FEB 23 04 00 33. M=1.8. 110 MILES FROM YKC.

FEB 25 02 46 45. M=2.4. 101 MILES FROM ALE.

FEB 26 02 53 47. M=2.5. 112 MILES FROM YKC.

FEB 26 06 40 32. M=2.9. 275 MILES FROM MBC.

FEB 28 19 31 45. 66 25(15)N, 134 45(30)W. M=3.7.
NEAR THE PEEL RIVER YUKON.

MAR 1 23 34 14. M=1.5. 75 MILES FROM RES.

MAR 2 08 20 57. M=1.8. 101 MILES FROM MBC.

MAR 2 09 06 53. M=1.7. 116 MILES FROM YKC.

MAR 2 10 49 11. M=1.6. 107 MILES FROM RES.

MAR 7	00 32 47.	M=1.9.	112 MILES FROM YKC.	
MAR 8	23 09 28.	M=4.7.	681 MILES FROM YKC.	
MAR 9	20 58 55.	M=1.7.	46 MILES FROM YKC.	
MAR 10	00 45 11.	M=4.2.	454 MILES FROM YKC.	
MAR 11	10 39 23.	M=3.6.	301 MILES FROM YKC.	
MAR 11	11 21 46.	65 15(40)N, 133 20(1 30)W.	M=3.8.	
	YUKON.			
MAR 11	17 48 02.	M=3.6.	312 MILES FROM YKC.	
MAR 13	00 34 48.	M=2.5.	227 MILES FROM YKC.	
MAR 13	21 32 49.	M=3.1.	299 MILES FROM YKC.	
MAR 17	17 53 07.	65 10(18)N, 132 40(30)W.	M=3.9.	
	YUKON.			
MAR 17	18 10 37.	75 00(30)N, 95 15(1 00)W.	M=2.0.	
	24 MILES NORTHWEST OF RESOLUTE NWT.			
MAR 18	18 37 18.	M=3.0.	304 MILES FROM RES.	
MAR 18	18 40 21.	M=2.6.	271 MILES FROM YKC.	
MAR 19	13 35 09.	M=3.8.	398 MILES FROM ALE.	
MAR 19*	16 54 50.	70 20(40)N, 75 30(1 10)W.	M=4.3.	
	BAFFIN ISLAND NWT.			
MAR 19	22 38 09.	76 25(19)N, 120 45(1 00)W.	M=1.8.	
	30 MILES NORTHWEST OF MOULD BAY NWT.			
MAR 20	19 25 43.	72 25(40)N, 129 20(1 30)W.	M=3.8.	
	80 MILES WEST OF BANKS ISLAND NWT.			
MAR 22	17 08 31.	M=2.5.	124 MILES FROM FBC.	
MAR 24	06 39 54.	75 00(18)N, 97 30(1 00)W.	M=2.4.	
	BETWEEN BATHURST AND CORNWALLIS ISLANDS NWT.			
MAR 25	00 56 59.	M=1.9.	110 MILES FROM YKC.	
MAR 26	08 22 19.	M=1.8.	95 MILES FROM MBC.	
MAR 26	08 59 59.	M=1.8.	47 MILES FROM MBC.	
MAR 26	20 38 33.	79 10(19)N, 95 50(1 30)W.	M=3.4.	
	SVERDRUP CHANNEL NWT.			

MAR 27 02 41 07. M=2.3. 190 MILES FROM MBC.

MAR 30 13 29 41. 60 00(45)N, 127 00(1 00)W. M=4.1.
60 MILES WEST OF WATSON LAKE NWT.

MAR 30 15 39 21. 76 11(5)N, 119 15(15)W, DEP= 7 KM. M=2.9.
THIS SHOCK AND THE TWO WHICH FOLLOW ARE THE THREE
LARGEST OF A SWARM OF 2026 MICROEARTHQUAKES WHICH
OCCURRED IN AN 8 CU KM HYPOCENTRAL REGION CENTERED
AT THE POSITION GIVEN ABOVE. A DETAILED ANALYSIS
OF THIS SWARM WAS PUBLISHED BY SMITH, WHITHAM
AND PICHE (1968).
1991-2011.

MAR 30 19 53 54. 76 11(5)N, 119 15(15)W, DEP= 7 KM. M=2.3.

APR 2 01 22 30. 76 11(5)N, 119 15(15)W, DEP= 7 KM. M=2.5.

APR 3 13 51 38. 69 15(50)N, 78 00(1 30)W. M=4.2.
NORTHERN PART OF FOXE BASIN NWT.

APR 8 05 59 11. M=2.7. 146 MILES FROM RES.
555 MILES FROM MBC. THIS SHOCK AND THAT WHICH
FOLLOWS APPEAR TO COME FROM THE SAME SOURCE WHICH
IS EITHER CENTRAL DEVON ISLAND OR REGENT INLET NWT.

APR 8 08 45 55. M=3.0. 143 MILES FROM RES.
565 MILES FROM MBC.

APR 8 10 30 01. M=2.1. 127 MILES FROM FBC.

APR 10 17 58 44. 67 35(10)N, 135 10(25)W. M=4.1.
50 MILES SOUTH OF AKLAVIK NWT.

APR 10 19 01 37. M=1.8. 107 MILES FROM YKC.

APR 13 05 23 32. 62 25(18)N, 70 55(30)W. M=4.5.
HUDSON STRAIT.

APR 13 15 39 60. M=1.5. 43 MILES FROM RES.

APR 14 01 52 28. 80 30(15)N, 110 30(1 00)W. M=3.8.
120 MILES NORTH OF BORDEN ISLAND NWT.

APR 16 08 01 46. 66 45(3)N, 135 30(7)W. M=3.5.
YUKON. MAG BY USCGS. (ISC)

APR 22 00 43 58. M=1.8. 115 MILES FROM YKC.

APR 22 17 57 03. 70 25(18)N, 75 30(50)W. M=3.7.
BAFFIN ISLAND NWT.

APR 29 06 59 20. 70 40(17)N, 74 20(45)W. M=3.9.
BAFFIN ISLAND NWT.

MAY 1 16 42 20. 80 50(50)N, 113 00(2 30)W. M=3.8.
135 MILES NORTH OF BORDEN ISLAND NWT.

MAY 4 12 36 43. 68 10(50)N, 134 30(1 30)W. M=4.0.
ALONG THE MACKENZIE RIVER NWT.

MAY 5 01 25 07. M=2.1. 114 MILES FROM YKC.

MAY 5 21 09 06. 75 45(50)N, 106 30(1 30)W. M=2.7.
EASTERN PART OF MELVILLE ISLAND NWT.

MAY 6 16 14 05. 66 15(18)N, 134 30(40)W. M=4.1.
ALONG THE PEEL RIVER YUKON.

MAY 9 00 25 40. M=1.8. 117 MILES FROM YKC.

MAY 13 10 08 15. 71 05(30)N, 74 00(1 00)W. M=4.0.
BAFFIN ISLAND NWT.
OR 68 40N, 83 10W MELVILLE PENINSULA NWT.

MAY 14 01 21 59. M=1.5. 61 MILES FROM ALE.

MAY 15 03 22 27. 64 15(18)N, 130 35(40)W. M=3.2.
YUKON-NWT BOUNDARY.

MAY 15 07 06 07. M=1.7. 81 MILES FROM ALE.

MAY 16 23 57 27. M=2.3. 171 MILES FROM FBC.

MAY 19 06 31 17. M=4.2. 398 MILES FROM YKC.

MAY 19 22 54 34. 75 55(12)N, 104 40(40)W. M=3.8.
MARTIN CHANNEL NWT.

MAY 20 04 32 13. 60 15(16)N, 77 10(30)W. M=4.6.
NEAR POVNUNGNIUK QUE.

MAY 22 12 33 42. M=3.0. 134 MILES FROM ALE.

MAY 24 17 19 27. M=3.1. 127 MILES FROM FBC.

MAY 25 03 19 43. M=2.0. 74 MILES FROM MBC.

MAY 25 03 26 02. M=1.6. 76 MILES FROM MBC.

MAY 26 16 06 10. 70 45(30)N, 74 40(1 00)W. M=3.9.
BAFFIN ISLAND NWT.
OR 68 45N, 82 40W MELVILLE PENINSULA NWT.

MAY 27	01 17 55.	M=2.0.	117 MILES FROM YKC.	
MAY 27	03 53 37.	M=2.1.	61 MILES FROM MBC.	
MAY 30	20 55 53.	M=1.6.	25 MILES FROM RES.	
JUN 1	02 31 27.	M=1.8.	52 MILES FROM RES.	
JUN 1	09 37 49.	M=2.2.	102 MILES FROM CMC.	
JUN 2	10 47 36.	M=2.0.	124 MILES FROM RES.	
JUN 2	18 04 05.	M=3.0.	348 MILES FROM RES.	
JUN 9	07 28 41.	M=2.2.	73 MILES FROM MBC.	
JUN 10	06 04 48.	M=1.5.	50 MILES FROM RES.	
JUN 10	12 55 56.	M=2.3.	106 MILES FROM MBC.	
JUN 11	02 05 29.	M=3.0.	205 MILES FROM ALE.	
JUN 16	01 00 56.	M=1.9.	112 MILES FROM YKC.	
JUN 16	17 47 25.	M=3.7.	517 MILES FROM CMC.	
JUN 27	11 08 56.	60 17(01)N, 141 08(04)W,	DEP=12 KM.	M=5.1.
		YUKON-ALASKA BORDER.	ML=6.1.	(ISC)
JUN 27	11 24 48.	60 18(02)N, 141 00(06)W,	DFP=15 KM.	M=4.6.
		AFTERSHOCK OF EARTHQUAKE AT 11 08 JUNE 27.		(ISC)
JUN 27	15 45 48.	60 23(03)N, 141 00(11)W,	DFP=33 KM.	M=4.2.
		AFTERSHOCK OF EARTHQUAKE AT 11 08 JUNE 27.		(ISC)
JUN 29	09 40 31.	M=1.4.	35 MILES FROM MBC.	
JUL 3	09 33 46.	M=1.0.	13 MILES FROM MBC.	
JUL 6	01 17 41.	M=4.3.	547 MILES FROM FBC.	
JUL 11	10 20 04.	M=2.9.	168 MILES FROM ALE.	
JUL 13	08 04 34.	75 40(50)N, 90 00(1 30)W.		M=1.3.
		DEVON ISLAND NWT.		
JUL 13	13 32 24.	M=1.9.	98 MILES FROM MBC.	
JUL 15	19 54 55.	69 50(50)N, 130 30(1 30)W.		M=4.3.
		NORTH OF THE ESKIMO LAKES NWT.		
JUL 16	21 39 14.	M=2.0.	108 MILES FROM YKC.	

JUL 17 12 25 03. M=2.6. 143 MILES FROM FBC.

JUL 17 18 12 19. M=1.3. 19 MILES FROM RES.

JUL 25 12 38 11. M=2.8. 280 MILES FROM ALE.

JUL 26 07 53 12. 82 00()N, 79 12()W, DEP=33 KM. M=4.0.
ELLESMERE ISLAND NWT. ML=4.5. (USCGS)

JUL 28 10 33 45. M=2.1. 110 MILES FROM YKC.

JUL 29 02 07 15. 66 35(18)N, 92 45(40)W, DEP=31 KM. M=3.7.
65 MILES NORTHWEST OF WAGER BAY NWT.

AUG 1 07 53 47. 65 05(19)N, 132 50(45)W. M=3.9.
YUKON.

AUG 4 19 16 40. M=2.4. 106 MILES FROM FBC.

AUG 7 05 54 57. 66 40(50)N, 139 30(15)W. M=4.2.
YUKON-ALASKA BORDER.

AUG 10 08 21 16. 61 45(50)N, 61 30(100)W. M=4.8.
LABRADOR SEA.

AUG 10 10 28 19. M=2.0. 103 MILES FROM FBC.

AUG 15 12 31 22. 80 30(19)N, 111 10(140)W. M=3.0.
130 MILES NORTH OF BORDEN ISLAND NWT.

AUG 28 07 44 29. M=1.9. 91 MILES FROM ALE.

AUG 29 00 31 09. M=2.0. 110 MILES FROM YKC.

AUG 31 09 09 32. M=2.2. 121 MILES FROM CMC.

SEP 8 16 39 29. M=1.2. 7 MILES FROM MBC.

SEP 8 20 25 17. M=2.5. 111 MILES FROM FBC.

SEP 11 04 37 00. 64 42()N, 133 54()W, DEP=33 KM. M=4.1.
SOUTHERN YUKON. ML=4.5. (USCGS)

SEP 14 17 17 52. M=2.4. 104 MILES FROM FBC.

SEP 21 11 55 07. M=3.2. 244 MILES FROM BLC.

SEP 27 22 07 44. M=3.4. 318 MILES FROM MBC.

SEP 28 13 32 04. 70 30(40)N, 74 40(15)W. M=4.6.
BAFFIN ISLAND NWT.

OCT 4 08 23 35. 69 10(25)N, 92 30(1 10)W. M=3.5.
SOUTHWEST OF SPENCE BAY NWT.

OCT 4 11 08 23. 65 18()N, 134 00()W. M=5.0.
NORTHERN YUKON. FORESHOCK OF THE EARTHQUAKE AT
00 17 14 OCTOBER 5.

OCT 4 22 08 19. 65 30()N, 133 54()W, DEP=33 KM. M=4.6.
FORESHOCK OF THE EARTHQUAKE AT 00 17 OCTOBER 5. (USCGS)

OCT 5 00 17 14. 65 18()N, 134 00()W, DEP=33 KM. M=5.2.
NORTHERN YUKON. ML=5.5. (USCGS)

OCT 5 01 03 05. 65 18()N, 134 00()W. M=4.1.
AFTERSHOCK OF THE EARTHQUAKE AT 00 17 OCTOBER 5.

OCT 5 01 47 09. 65 18()N, 134 00()W. M=4.4.
AFTERSHOCK OF THE EARTHQUAKE AT 00 17 OCTOBER 5.

OCT 5 17 30 32. 65 18()N, 134 00()W. M=4.2.
AFTERSHOCK OF THE EARTHQUAKE AT 00 17 OCTOBER 5.

OCT 6 04 54 46. 65 18()N, 134 00()W. M=4.3.
AFTERSHOCK OF THE EARTHQUAKE AT 00 17 OCTOBER 5.

OCT 6 18 42 51. 65 18()N, 134 00()W. M=4.2.
AFTERSHOCK OF THE EARTHQUAKE AT 00 17 OCTOBER 5.

OCT 7 06 53 19. 65 18()N, 134 00()W. M=4.0.
AFTERSHOCK OF THE EARTHQUAKE AT 00 17 OCTOBER 5.

OCT 12 03 37 38. 71 35(17)N, 76 10(55)W. M=4.5.
BAFFIN ISLAND NWT.

OCT 12 21 08 49. 65 18()N, 134 00()W. M=4.1.
AFTERSHOCK OF THE EARTHQUAKE AT 00 17 OCTOBER 5.

OCT 14 01 44 37. 65 25(1 00)N, 132 00(2 00)W. M=4.1.
NEAR THE YUKON-NWT BOUNDARY.

OCT 14 10 38 27. 71 20(19)N, 77 10(1 00)W. M=5.6.
BAFFIN ISLAND NWT. USCGS MAG=4.2.

OCT 17 06 56 39. 65 18()N, 134 00()W. M=4.1.
AFTERSHOCK OF THE EARTHQUAKE AT 00 17 OCTOBER 5.

OCT 17 09 29 15. 62 45(25)N, 128 00(1 15)W. M=4.0.
NEAR THE YUKON-NWT BOUNDARY.

OCT 17 09 56 41. 65 18()N, 134 00()W. M=4.0.
AFTERSHOCK OF THE EARTHQUAKE AT 00 17 OCTOBER 5.

OCT 26 01 55 53. 65 30()N, 133 42()W, DFP=33 KM. M=5.7.
NORTHERN YUKON. ML=(4.8). (USCGS)

OCT 28 19 09 59. 65 30()N, 133 42()W. M=4.2.
AFTERSHOCK OF THE PREVIOUS EARTHQUAKE.

NOV 3 04 56 50. 66 30(15)N, 134 15(35)W. M=4.0.
ALONG THE PEEL RIVER YUKON.

NOV 4 03 20 59. 65 30()N, 133 42()W. M=3.9.
NORTHERN YUKON. ML=4.4. (USCGS)

NOV 8 15 07 19. M=2.9. 235 MILES FROM FBC.

NOV 11 05 10 05. 71 35(40)N, 76 10(1 30)W. M=4.4.
BAFFIN ISLAND NWT.

NOV 14 08 58 60. 67 25(19)N, 135 10(45)W. M=4.1.
NORTHWEST OF FORT MCPHERSON NWT.

NOV 15 02 15 09. 71 15(40)N, 76 50(1 10)W. M=4.2.
AFTERSHOCK OF THE EARTHQUAKE AT 05 10 NOVEMBER 11.

NOV 15 02 24 53. 71 35()N, 76 10()W. M=3.9.
AFTERSHOCK OF THE EARTHQUAKE AT 05 10 NOVEMBER 11.

NOV 15 02 40 23. 71 35()N, 76 10()W. M=3.7.
AFTERSHOCK OF THE EARTHQUAKE AT 05 10 NOVEMBER 11.

NOV 15 11 35 56. 71 35()N, 76 10()W. M=4.0.
AFTERSHOCK OF THE EARTHQUAKE AT 05 10 NOVEMBER 11.

NOV 15 11 37 16. 71 35()N, 76 10()W. M=3.7.
AFTERSHOCK OF THE EARTHQUAKE AT 05 10 NOVEMBER 11.

NOV 15 12 57 12. 71 35()N, 76 10()W. M=3.9.
AFTERSHOCK OF THE EARTHQUAKE AT 05 10 NOVEMBER 11.

NOV 15 14 51 23. 71 25(15)N, 96 40(35)W. M=3.9.
FRANKLIN STRAIT NWT.

NOV 19 18 47 42. 65 18()N, 134 00()W. M=3.7.
AFTERSHOCK OF THE EARTHQUAKE AT 00 17 OCTOBER 5.

NOV 19 20 25 21. 65 55(15)N, 90 25(30)W. M=3.8.
NEAR WAGER BAY NWT.

NOV 22 03 22 55. M=2.0. 48 MILES FROM MBC.

NOV 22 04 17 11. M=1.9. 70 MILES FROM MBC.

NOV 22 14 42 15. M=1.5. 73 MILES FROM MBC.

NOV 22	18 04 06.	M=1.5.	73 MILES FROM MBC.	
NOV 23	17 36 03.	M=2.2.	149 MILES FROM MBC.	
NOV 23	18 34 13.	M=2.1.	122 MILES FROM MBC.	
NOV 24	03 39 56.	M=1.9.	71 MILES FROM MBC.	
NOV 24	04 23 32.	M=1.5.	70 MILES FROM MBC.	
NOV 24	06 14 19.	M=1.3.	71 MILES FROM MBC.	
NOV 24	07 06 39.	M=1.2.	70 MILES FROM MBC.	
NOV 24	18 35 15.	M=2.0.	107 MILES FROM YKC.	
NOV 26	03 44 16.	M=1.9.	81 MILES FROM YKC.	
DEC 11	04 04 24.	M=1.5.	35 MILES FROM MBC.	
DEC 11	10 30 37.	67 10(18)N, 135 20(35)W.	M=4.0.	
	WEST OF FORT MCPHERSON NWT.			
DEC 12	21 12 54.	M=4.1.	102 MILES FROM YKC.	
DEC 19	00 56 08.	M=4.3.	668 MILES FROM CMC.	
DEC 19	02 11 28.	74 00(12)N, 97 10(20)W.	M=3.6.	
	BARROW STRAIT NWT.			
DEC 19	05 39 15.	65 00(1 00)N, 133 00(1 40)W.	M=4.5.	
	NEAR THE YUKON-NWT BOUNDARY.			
DEC 23	20 47 36.	60 36()N, 140 42()W.	M=5.8.	(USCGS)
	YUKON-ALASKA BORDER.			
DEC 27	17 17 41.	72 25(19)N, 72 40(35)W.	M=4.2.	
	BAFFIN BAY.			
DEC 29	14 30 04.	74 30(50)N, 79 00(1 30)W.	M=4.0.	
	EAST OF DEVON ISLAND NWT.			
DEC 30	06 09 54.	72 30(40)N, 75 00(2 00)W.	M=4.2.	
	NORTHEAST COAST OF BAFFIN ISLAND NWT.			
DEC 30	21 12 14.	60 55(19)N, 60 40(35)W.	M=4.2.	
	DAVIS STRAIT.			

TABLE III
EARTHQUAKES IN WESTERN CANADA AND ADJACENT AREAS
1965

(UNIVERSAL TIME IS USED THROUGHOUT)
(M = MAGNITUDE)

JAN 1 2308	16 33 46. 49 30(15)N, 120 06(15)W.	M=2.6.	NEAR PRINCETON B.C.
JAN 6 2309	02 13 39. M=2.3.	113 MILES FROM PHC.	
JAN 6 2310	13 53 34. M=1.2.	29 MILES FROM PNT.	
JAN 7 2311	08 31 42. M=1.6.	112 MILES FROM PHC.	
JAN 7 2312	23 17 02. M=1.6.	68 MILES FROM PNT.	
JAN 9 2313	06 59 30. M= .9.	12 MILES FROM VIC.	
JAN 9 2314	11 56 34. 49 18(10)N, 121 15(10)W.	M=3.2.	ASSOCIATED WITH HOPE SLIDE.
JAN 9 2315	14 58 43. 49 18(10)N, 121 15(10)W.	M=3.1.	ASSOCIATED WITH HOPE SLIDE.
JAN 13 2316	04 46 28. M=2.1.	57 MILES FROM VIC.	
JAN 13 2317	07 55 46. M=2.4.	75 MILES FROM PHC.	
JAN 14 2318	02 35 13. M=3.3.	107 MILES FROM PHC.	
JAN 14 2319	12 58 40. M=2.6.	94 MILES FROM PHC.	
JAN 14 2320	13 52 52. M=2.0.	93 MILES FROM PHC.	
JAN 14 2321	15 11 28. M=2.4.	97 MILES FROM PHC.	
JAN 14 2322	15 40 16. M=1.7.	97 MILES FROM PHC.	

JAN 15 2323	20 48 20.	M=1.2.	21 MILES FROM BAN.
JAN 18 2324	00 45 54. 48 42(30)N, 122 06(30)W. NEAR PUGET SOUND.	M=2.0.	
JAN 18 2325	19 40 22.	M=1.8.	63 MILES FROM VIC.
JAN 19 2326	11 59 47.	M=2.3.	46 MILES FROM PHC.
JAN 19 2327	12 44 38.	M=2.6.	107 MILES FROM PHC.
JAN 20 2328	21 11 54.	M=1.7.	65 MILES FROM VIC.
JAN 25 2329	00 42 50.	M=1.9.	63 MILES FROM PHC.
JAN 28 2330	21 24 38.	M= .7.	10 MILES FROM BAN.
JAN 30 2331	01 26 07. 126 MILES FROM ALR.	M=2.3.	34 MILES FROM VIC.
JAN 30 2332	01 26 36.	M=2.6.	34 MILES FROM VIC.
FEB 2 2333	23 39 12.	M=1.3.	50 MILES FROM PNT.
FEB 3 2334	19 31 44.	M=2.6.	119 MILES FROM PHC.
FEB 5 2335	07 53 26.	M=2.4.	92 MILES FROM PHC.
FEB 6 2336	15 01 12.	M=1.9.	72 MILES FROM VIC.
FEB 10 2337	22 39 31.	M=3.1.	180 MILES FROM PHC.
FEB 13 2338	20 47 33. 134 MILES FROM ALB.	M=1.8.	56 MILES FROM VIC.
FEB 14 2339	04 13 31.	M=2.5.	135 MILES FROM PHC.
FEB 14 2340	04 32 31.	M=3.1.	129 MILES FROM PHC.

FEB 18 05 32 19. 49 00(19)N, 128 30(19)W. M=2.8.
2341 WEST OF VANCOUVER ISLAND.

FEB 18 06 02 56. M= .5. 16 MILES FROM VIC.
2342

FEB 18 18 59 56. M= .6. 10 MILES FROM BAN.
2343

FEB 18 23 59 13. 48 54(10)N, 122 12(10)W. M=1.9.
2344 NEAR HUNTINGTON B.C.

FEB 21 20 30 02. 50 30(19)N, 128 30(19)W. M=3.1.
2345 WEST OF VANCOUVER ISLAND.

FEB 26 14 11 48. M=2.4. 93 MILES FROM PHC.
2346

FEB 26 15 43 17. 50 18(19)N, 129 48(19)W. M=3.2.
2347 WEST OF VANCOUVER ISLAND.

FEB 26 19 33 07. M=3.0. 100 MILES FROM PHC.
2348

FEB 26 20 14 04. M=2.6. 98 MILES FROM PHC.
2349

FEB 26 20 42 16. M=2.7. 113 MILES FROM PHC.
2350

FEB 27 04 35 60. M=2.6. 108 MILES FROM PHC.
2351

FEB 27 07 40 07. M=2.5. 108 MILES FROM PHC.
2352

FEB 27 09 16 03. M=2.3. 108 MILES FROM PHC.
2353

FEB 27 11 46 46. M=2.4. 108 MILES FROM PHC.
2354

FEB 28 02 06 43. M=2.3. 101 MILES FROM PHC.
2355

FEB 28 08 06 24. M=2.7. 101 MILES FROM PHC.
2356

FEB 28 10 15 47. M=2.7. 101 MILES FROM PHC.
2357

MAR 1 10 25 16. M=3.2. 311 MILES FROM VIC.
2358

MAR 5	09 39 24.	51 30(19)N, 131 06(19)W.	M=4.0.
2359	WEST OF VANCOUVER ISLAND.		
MAR 5	11 58 54.	56 48(19)N, 130 36(19)W.	M=3.6.
2360	NORTH OF STEWART B.C.		
MAR 5	12 40 39.	52 42(19)N, 132 00(19)W.	M=3.9.
2361	WEST OF QUEEN CHARLOTTE ISLANDS.		
MAR 8	19 30 50.	52 36(19)N, 115 24(19)W.	M=3.0.
2362	NORTH WEST OF ROCKY MOUNTAIN HOUSE, ALTA.		
MAR 9	03 45 44.	50 36(19)N, 129 48(19)W.	M=3.5.
2363	WEST OF VANCOUVER ISLAND.		
MAR 9	21 24 39.	M=2.3.	35 MILES FROM FSJ.
2364			
MAR 10	21 34 06.	M=1.0.	12 MILES FROM PNT.
2365			
MAR 10	23 24 58.	M=2.0.	56 MILES FROM PHC.
2366			
MAR 10	23 50 40.	M=2.6.	120 MILES FROM PHC.
2367			
MAR 11	04 28 08.	M=1.9.	6 MILES FROM PNT.
2368			
MAR 11	16 20 27.	M=2.6.	116 MILES FROM PNT.
2369			
MAR 11	17 08 12.	M=3.0.	121 MILES FROM PHC.
2370			
MAR 11	20 05 22.	M=2.5.	40 MILES FROM PNT.
2371			
MAR 11	22 21 39.	50 24(19)N, 129 42(19)W.	M=3.6.
2372	WEST OF VANCOUVER ISLAND.		
MAR 14	19 41 50.	M=1.1.	8 MILES FROM FSJ.
2373			
MAR 15	06 13 42.	M=1.0.	11 MILES FROM PNT.
2374			
MAR 16	22 48 22.	M=2.1.	40 MILES FROM PNT.
2375			
MAR 17	03 47 49.	M=2.0.	50 MILES FROM VIC.
2376			

MAR 17 2377	09 24 11.	M=1.8.	22 MILES FROM VIC.	09 24 11	65 RAM 49ES
MAR 17 2378	21 46 05.	M=2.7.	46 MILES FROM PNT.	21 46 05	TS RAM 49ES
MAR 19 2379	05 33 46.	M=2.1.	7 MILES FROM PNT.	05 33 46	05 RAM 49ES
MAR 19 2380	17 54 21.	M=2.3.	51 MILES FROM PNT.	17 54 21	17 RAM 49ES
MAR 19 2381	20 03 42.	M=3.4.	148 MILES FROM PNT.	20 03 42	20 RAM 49ES
MAR 19 2382	23 56 59.	M=2.5.	42 MILES FROM PNT.	23 56 59	23 RAM 49ES
MAR 20 2383	18 46 32.	M=1.4.	11 MILES FROM FSJ.	18 46 32	18 RAM 49ES
MAR 21 2384	10 59 35.	M=2.7.	127 MILES FROM PNT.	10 59 35	10 RAM 49ES
MAR 21 2385	18 48 27.	M=2.8.	140 MILES FROM PNT.	18 48 27	18 RAM 49ES
MAR 21 2386	21 36 33.	M=1.2.	4 MILES FROM FSJ.	21 36 33	21 RAM 49ES
MAR 22 2387	21 03 06.	M=1.2.	15 MILES FROM BAN.	21 03 06	21 RAM 49ES
MAR 22 2388	21 41 24.	M=1.2.	20 MILES FROM BAN.	21 41 24	21 RAM 49ES
MAR 23 2389	00 28 18.	49 42(15)N, 117 24(15)W.	M=4.0.	00 28 18	00 RAM 49ES
		EAST OF ARROW LAKES B.C.			
MAR 24 2390	12 44 55.	49 54(15)N, 117 24(15)W.	M=3.8.	12 44 55	12 RAM 49ES
		EAST OF ARROW LAKES B.C.			
MAR 24 2391	14 53 09.	M=2.3.	39 MILES FROM PNT.	14 53 09	14 RAM 49ES
MAR 24 2392	18 28 18.	M=1.3.	4 MILES FROM PNT.	18 28 18	18 RAM 49ES
MAR 24 2393	19 58 36.	M=2.1.	51 MILES FROM PNT.	19 58 36	19 RAM 49ES
MAR 26 2394	08 24 08.	M=1.2.	6 MILES FROM FSJ.	08 24 08	08 RAM 49ES

MAR 26 2395	18 31 48.	M=1.2.	4 MILES FROM PNT.
MAR 27 2396	15 19 56.	M= .8.	12 MILES FROM FSJ.
MAR 28 2397	19 51 05.	M= .7.	7 MILES FROM FSJ.
MAR 31 2398	22 34 12.	M=1.9.	47 MILES FROM FSJ.
APR 1 2399	01 34 21.	M=1.8.	41 MILES FROM FSJ.
APR 1 2400	23 22 19.	M=2.6.	40 MILES FROM PNT.
APR 3 2401	05 53 32.	M=3.0.	155 MILES FROM PNT.
APR 7 2402	04 39 32.	M=1.5.	72 MILES FROM VIC.
APR 7 2403	16 57 26.	M=2.1.	72 MILES FROM FSJ.
APR 7 2404	23 10 36.	M=2.3.	52 MILES FROM PNT.
APR 8 2405	16 55 13.	M=3.6.	155 MILES FROM PNT.
APR 8 2406	16 57 54.	M=3.5.	171 MILES FROM PNT.
APR 9 2407	10 22 43.	M=1.2.	27 MILES FROM PNT.
APR 9 2408	16 45 44.	M=3.7.	158 MILES FROM PNT. SOUTH OF PENTICTON B.C.
APR 9 2409	23 12 16.	M=2.4.	45 MILES FROM PNT.
APR 12 2410	21 47 03.	M=1.7.	33 MILES FROM FSJ.
APR 13 2411	10 12 43.	M=2.6.	71 MILES FROM FSJ.
APR 14 2412	19 47 52.	M=2.5.	40 MILES FROM PNT.

APR 17 03 56 43. M=2.6. 96 MILES FROM PHC.
2413

APR 18 15 53 59. 48 54(19)N, 126 24(19)W. M=2.7.
2414 WEST OF VANCOUVER ISLAND.

APR 21 11 47 30. 52 18(19)N, 117 12(19)W. M=3.7.
2415 SOUTHEAST OF JASPER, ALTA.

APR 21 21 09 27. M=2.9. 111 MILES FROM PNT.
2416

APR 21 21 48 28. M=2.3. 134 MILES FROM FSJ.
2417

APR 21 23 46 56. M=2.3. 48 MILES FROM PNT.
2418

APR 22 10 11 48. 51 36(19)N, 129 18(19)W. M=2.2.
2419 NORTHWEST OF VANCOUVER ISLAND.

APR 22 15 42 23. M=2.3. 86 MILES FROM PNT.
2420

APR 22 20 38 15. M=1.9. 45 MILES FROM FSJ.
2421

APR 22 23 09 31. M=1.3. 16 MILES FROM PHC.
2422

APR 23 21 48 22. M=1.7. 20 MILES FROM BAN.
2423

APR 24 00 06 15. M=2.1. 48 MILES FROM PNT.
2424

APR 24 02 25 01. M=2.6. 184 MILES FROM FSJ.
2425

APR 24 09 49 43. M=1.8. 21 MILES FROM PNT.
2426

APR 24 16 08 16. M=3.0. 155 MILES FROM PNT.
2427

APR 24 20 32 20. M=3.8. 109 MILES FROM PHC.
2428 358 MILES FROM FSJ.

APR 26 16 53 14. M=3.1. 159 MILES FROM PNT.
2429

APR 29 02 42 08. M=2.9. 144 MILES FROM PNT.
2430

APR 29 15 28 44. 47 24(06)N, 122 18(06)W, DFP=59 KM. M=6.5.
2431 20 MILES SOUTH WEST OF SEATTLE. EXTENSIVE DAMAGE IN
SEATTLE AREA. SEVERAL DEATHS. FELT IN SOUTHWESTERN
BRITISH COLUMBIA. (USCGS)

APR 30 22 55 33. M=2.6. 43 MILES FROM PNT.
2432

MAY 4 18 35 31. M=3.8. 164 MILES FROM PNT.
2433 195 MILES FROM VIC.

MAY 4 22 35 40. M=2.2. 48 MILES FROM PNT.
2434

MAY 5 15 54 16. M=2.9. 124 MILES FROM PNT.
2435

MAY 5 20 27 37. M=1.8. 40 MILES FROM VIC.
2436

MAY 6 20 18 37. M=2.3. 48 MILES FROM PNT.
2437

MAY 6 20 29 07. M=2.9. 112 MILES FROM PNT.
2438

MAY 9 07 53 01. M=2.0. 55 MILES FROM PNT.
2439

MAY 11 22 58 23. M=2.4. 51 MILES FROM PNT.
2440

MAY 12 05 57 38. M=1.8. 32 MILES FROM PNT.
2441

MAY 12 15 38 53. M=1.6. 20 MILES FROM BAN.
2442

MAY 13 14 27 23. M= .4. 7 MILES FROM VIC.
2443

MAY 15 03 14 32. 55 00(19)N, 133 30(19)W. M=4.1.
2444 NORTH OF QUEEN CHARLOTTE ISLANDS.

MAY 15 17 54 41. M=1.3. 20 MILES FROM FSJ.
2445

MAY 15 21 03 11. M=3.1. 148 MILES FROM PNT.
2446

MAY 18 07 32 03. M=2.7. 95 MILES FROM PHC.
2447

MAY 18 2448	20 30 34.	M=2.2.	68 MILES FROM VIC.	
MAY 21 2449	00 45 06.	M=3.1.	66 MILES FROM PNT.	
MAY 23 2450	14 52 43.	M=2.5.	112 MILES FROM FSJ.	
	154 MILES FROM PHC.			
MAY 23 2451	17 15 16.	M=3.2.	169 MILES FROM PNT.	
MAY 24 2452	10 32 08.	M=2.8.	172 MILES FROM PNT.	
MAY 26 2453	17 55 14.	M=1.1.	12 MILES FROM PNT.	
MAY 26 2454	21 16 08.	M=1.2.	14 MILES FROM BAN.	
MAY 27 2455	18 58 45.	M=2.9.	122 MILES FROM PNT.	
MAY 28 2456	21 46 08.	M=3.1.	19 MILES FROM BAN.	
MAY 30 2457	10 23 45.	M=3.1.	176 MILES FROM PNT.	
MAY 31 2458	03 20 42.	49 12(19)N, 127 48(19)W.	M=4.7.	
	WEST OF VANCOUVER ISLAND.			
JUN 1 2459	12 35 29.	M=2.0.	43 MILES FROM PNT.	
JUN 1 2460	20 07 08.	M=2.0.	45 MILES FROM PNT.	
JUN 2 2461	00 15 27.	M=1.4.	14 MILES FROM PHC.	
JUN 2 2462	02 04 38.	M= .9.	14 MILES FROM VIC.	
JUN 2 2463	22 16 01.	M=2.6.	42 MILES FROM PNT.	
JUN 4 2464	00 34 05.	M=3.8.	299 MILES FROM FSJ.	
JUN 5 2465	08 38 56.	54 00(1 30)N, 133 00(1 30)W.	M=4.1.	
	NORTH OF QUEEN CHARLOTTE ISLANDS.			

JUN 5 2466	10 08 27.	M=1.1.	14 MILES FROM PNT.
JUN 7 2467	07 37 06. 401 MILES FROM FSJ.	M=2.9.	107 MILES FROM PHC.
JUN 9 2468	22 22 32.	M=2.0.	50 MILES FROM PNT.
JUN 9 2469	23 58 43.	M=3.2.	117 MILES FROM PNT.
JUN 10 2470	21 41 19.	M=1.0.	15 MILES FROM PNT.
JUN 11 2471	22 58 31.	M=2.5.	41 MILES FROM PNT.
JUN 13 2472	12 55 40.	M=2.5.	76 MILES FROM PHC.
JUN 15 2473	18 44 14.	M=2.5.	175 MILES FROM PNT.
JUN 15 2474	22 41 00.	M=2.2.	43 MILES FROM PNT.
JUN 16 2475	16 54 53.	M=2.7.	99 MILES FROM PHC.
JUN 16 2476	18 57 19.	M=3.2.	97 MILES FROM PHC.
JUN 18 2477	10 47 56.	M=3.4.	175 MILES FROM PNT.
JUN 18 2478	12 50 44.	M=3.3.	177 MILES FROM PNT.
JUN 22 2479	01 22 05.	M=3.1.	138 MILES FROM PNT.
JUN 22 2480	22 13 20.	M=2.0.	42 MILES FROM PNT.
JUN 23 2481	12 21 48.	M=2.2.	65 MILES FROM PNT.
JUN 24 2482	02 56 24.	M=2.3.	52 MILES FROM PNT.
JUN 24 2483	17 39 02.	M=2.1.	68 MILES FROM PNT.

JUN 26 22 36 17. M=2.7. 96 MILES FROM PNT.
2484

JUN 28 23 15 08. 51 00(1 00)N, 133 00(1 00)W. M=4.1.
2485 SOUTH OF QUEEN CHARLOTTE ISLANDS.

JUN 29 18 03 49. M=2.2. 58 MILES FROM PNT.
2486

JUN 29 21 19 13. M=1.5. 31 MILES FROM PNT.
2487

JUL 1 21 41 55. 47 42(30)N, 122 00(30)W. M=3.6.
2488 NEAR SEATTLE WASH., U.S.A.

JUL 1 23 27 03. M=3.1. 173 MILES FROM PNT.
2489

JUL 2 04 32 21. M=3.6. 115 MILES FROM PNT.
2490

JUL 2 15 27 28. M=1.3. 14 MILES FROM PNT.
2491

JUL 2 22 55 56. 49 12(19)N, 129 48(19)W. M=4.0.
2492 WEST OF VANCOUVER ISLAND.

JUL 4 00 06 02. M=2.2. 50 MILES FROM PHC.
2493

JUL 4 00 46 32. 50 54(1 00)N, 129 54(1 00)W. M=2.8.
2494 WEST OF VANCOUVER ISLAND.

JUL 5 02 51 21. M=2.0. 47 MILES FROM FSJ.
2495

JUL 7 01 01 51. M=1.6. 18 MILES FROM VIC.
2496

JUL 9 19 50 10. M=2.4. 144 MILES FROM PNT.
2497

JUL 9 23 22 02. M=1.9. 40 MILES FROM PNT.
2498

JUL 11 02 56 08. M=2.3. 82 MILES FROM PNT.
2499

JUL 12 09 43 09. M=3.0. 168 MILES FROM PNT.
2500

JUL 12 20 36 11. M=2.4. 73 MILES FROM PNT.
2501

JUL 12 2502	21 19 55.	M=3.0.	140 MILES FROM PNT.
JUL 13 2503	12 43 33.	M=3.1.	171 MILES FROM PNT.
JUL 14 2504	10 23 37.	49 54 (30)N, 129 00 (30)W.	M=2.9. WEST OF VANCOUVER ISLAND.
JUL 14 2505	19 15 30.	M=2.3.	46 MILES FROM PNT.
JUL 14 2506	20 40 44.	M=1.3.	9 MILES FROM PNT.
JUL 14 2507	20 57 06.	M=2.6.	142 MILES FROM PNT.
JUL 14 2508	21 21 59.	M=2.2.	65 MILES FROM PNT.
JUL 15 2509	01 57 03.	M=2.6.	80 MILES FROM VIC. 104 MILES FROM PNT.
JUL 15 2510	02 15 37.	M=2.2.	93 MILES FROM PNT.
JUL 16 2511	00 52 36.	M=2.3.	60 MILES FROM PNT.
JUL 16 2512	01 06 57.	M=1.7.	32 MILES FROM VIC.
JUL 16 2513	04 07 48.	M=1.9.	41 MILES FROM VIC.
JUL 17 2514	12 00 51.	M= .9.	14 MILES FROM PNT.
JUL 17 2515	16 14 56.	M=3.0.	141 MILES FROM PNT.
JUL 19 2516	03 18 27.	50 36 (30)N, 130 00 (30)W.	M=3.4. WEST OF VANCOUVER ISLAND.
JUL 19 2517	05 29 36.	M=3.1.	179 MILES FROM PNT.
JUL 22 2518	18 25 15.	M=1.9.	29 MILES FROM VIC. 204 MILES FROM PNT.
JUL 23 2519	13 45 12.	M=3.1.	179 MILES FROM PNT.

JUL 25 2520	11 31 36. M=2.2.	63 MILES FROM PNT.	
JUL 26 2521	08 39 32. M=3.6.	168 MILES FROM PNT.	
JUL 26 2522	11 15 52. M=2.4.	48 MILES FROM PNT.	
JUL 26 2523	12 01 08. M=3.6.	176 MILES FROM PNT.	
JUL 26 2524	12 57 56. 50 00(1 00)N, 129 36(1 00)W.	M=2.8.	
	WEST OF VANCOUVER ISLAND.		
JUL 26 2525	13 45 21. 50 06(19)N, 129 36(19)W.	M=3.4.	
	WEST OF VANCOUVER ISLAND.		
JUL 26 2526	14 22 03. M=2.7.	109 MILES FROM PHC.	
JUL 27 2527	16 00 12. 59 54(19)N, 137 00(19)W.	M=4.2.	
	NORTHWESTERN BRITISH COLUMBIA.		(USCGS)
JUL 28 2528	18 33 45. 52 18(19)N, 119 48(19)W.	M=3.5.	
	NORTH WEST OF MICA CRFEK, B.C.		
JUL 29 2529	17 19 54. M=2.9.	16 MILES FROM VIC.	
AUG 2 2530	08 14 06. M=2.9.	118 MILES FROM PNT.	
	128 MILES FROM VIC.		
AUG 3 2531	01 22 46. 49 18(1 00)N, 127 36(1 00)W.	M=3.0.	
	WEST OF VANCOUVER ISLAND.		
AUG 4 2532	20 38 03. M=1.2.	7 MILES FROM VIC.	
AUG 6 2533	04 02 11. 48 36(30)N, 123 00(30)W.	M=2.8.	
	WEST OF SFATTLE WASH., U.S.A.		
AUG 7 2534	11 12 05. M=2.6.	125 MILES FROM PNT.	
AUG 9 2535	17 44 45. M=2.8.	70 MILES FROM PNT.	
AUG 9 2536	17 46 60. M=2.6.	76 MILES FROM PNT.	
AUG 10 2537	13 38 57. M=3.1.	183 MILES FROM PNT.	

AUG 11 07 17 10. M=2.6. 29 MILES FROM PNT.
2538 224 MILES FROM VIC.

AUG 12 08 59 03. M=2.5. 127 MILES FROM PHC.
2539 406 MILES FROM FSJ.

AUG 12 09 04 37. 50 12(19)N, 129 42(19)W. M=4.6.
2540 WEST OF VANCOUVER ISLAND.

AUG 12 09 10 41. M=2.4. 89 MILES FROM PHC.
2541

AUG 12 09 15 32. M=3.0. 125 MILES FROM PHC.
2542

AUG 12 09 15 59. M=3.0. 125 MILES FROM PHC.
2543

AUG 16 07 03 56. M=2.6. 72 MILES FROM PHC.
2544 169 MILES FROM VIC.

AUG 18 12 24 44. M=2.2. 97 MILES FROM PNT.
2545

AUG 18 19 02 34. 50 36(19)N, 129 42(19)W. M=4.1.
2546 WEST OF VANCOUVER ISLAND.

AUG 23 09 31 40. M=2.5. 68 MILES FROM PNT.
2547

AUG 23 13 32 39. 49 06(19)N, 129 00(19)W. M=4.1.
2548 WEST OF VANCOUVER ISLAND.

AUG 23 15 20 05. 49 12(1 00)N, 128 54(1 00)W. M=2.9.
2549 WEST OF VANCOUVER ISLAND.

AUG 24 12 40 14. M=2.3. 47 MILES FROM PHC.
2550

AUG 24 15 00 20. 50 00(1 00)N, 129 00(1 00)W. M=2.6.
2551 WEST OF VANCOUVER ISLAND.

AUG 26 04 48 11. M=2.9. 122 MILES FROM PNT.
2552

AUG 27 14 53 08. M=1.2. 19 MILES FROM BAN.
2553

AUG 27 21 40 60. M=2.5. 19 MILES FROM BAN.
2554

AUG 31 00 51 32. M=3.4. 199 MILES FROM PNT.
2555

AUG 31	01 09 15.	50 30(19)N, 129 00(19)W.	M=3.8.	
2556	WEST OF VANCOUVER ISLAND.			
SEP 1	08 49 38.	M=2.3.	89 MILES FROM PHC.	
2557				
SEP 1	11 48 30.	M=2.5.	110 MILES FROM PHC.	
2558				
SEP 1	22 24 52.	M=2.5.	89 MILES FROM PHC.	
2559				
SEP 2	10 51 08.	48 36(1 00)N, 128 12(1 00)W.	M=4.0.	
2560	WEST OF VANCOUVER ISLAND			
SEP 2	11 37 50.	48 36(19)N, 128 00(19)W.	M=4.1.	
2561	WEST OF VANCOUVER ISLAND.			
SEP 2	14 02 37.	48 24(19)N, 128 12(19)W.	M=4.3.	(USCGS)
2562	WEST OF VANCOUVER ISLAND.			
SEP 2	15 42 26.	48 18(19)N, 128 24(19)W.	M=4.4.	(USCGS)
2563	WEST OF VANCOUVER ISLAND.			
SEP 2	15 43 40.	48 12(19)N, 128 30(19)W.	M=4.7.	(USCGS)
2564	WEST OF VANCOUVER ISLAND.			
SEP 2	18 01 20.	48 18(19)N, 128 18(19)W.	M=4.4.	
2565	WEST OF VANCOUVER ISLAND.			
SEP 2	19 41 26.	48 36(19)N, 128 06(19)W.	M=4.9.	
2566	WEST OF VANCOUVER ISLAND.			
SEP 2	21 16 44.	48 36(19)N, 128 00(19)W.	M=4.0.	
2567	WEST OF VANCOUVER ISLAND.			
SEP 2	21 27 17.	48 24(19)N, 128 12(19)W.	M=5.0.	
2568	WEST OF VANCOUVER ISLAND.			
SEP 3	00 30 31.	48 30(19)N, 128 00(19)W.	M=4.0.	
2569	WEST OF VANCOUVER ISLAND.			
SEP 3	04 42 36.	48 36(19)N, 128 24(19)W.	M=4.8.	
2570	WEST OF VANCOUVER ISLAND.			
SEP 5	10 04 17.	55 00(1 00)N, 130 36(1 00)W.	M=4.5.	
2571	NORTH OF QUEEN CHARLOTTE ISLANDS.			
SEP 5	10 06 00.	M=3.1.	108 MILES FROM PHC.	
2572				
SEP 9	15 58 27.	M=2.1.	49 MILES FROM PNT.	
2573				

SEP 11 2574	07 02 43.	M=2.3.	112 MILES FROM PHC.
SEP 11 2575	07 13 19.	50 18(19)N, 129 30(19)W.	M=4.7.
	WEST OF VANCOUVER ISLAND.		
SEP 11 2576	07 22 52.	M=2.5.	117 MILES FROM PHC.
SEP 11 2577	13 47 33.	M=2.5.	109 MILES FROM PHC.
SEP 11 2578	13 49 31.	50 18(1 00)N, 128 48(1 00)W.	M=2.8.
	WEST OF VANCOUVER ISLAND.		
SEP 13 2579	22 16 25.	M=1.2.	19 MILES FROM PHC.
SEP 14 2580	04 28 38.	M=2.5.	117 MILES FROM PHC.
SEP 14 2581	04 45 08.	50 12(1 00)N, 129 48(1 00)W.	M=2.9.
	WEST OF VANCOUVER ISLAND.		
SEP 14 2582	19 28 12.	M=2.6.	111 MILES FROM PHC.
SEP 15 2583	05 08 32.	M=2.6.	119 MILES FROM PHC.
SEP 16 2584	07 08 51.	51 48(30)N, 117 18(30)W.	M=3.1.
	NORTHWEST OF BANFF, ALTA.		
SEP 22 2585	03 03 17.	M=2.2.	43 MILES FROM PNT.
SEP 22 2586	16 00 16.	M=3.4.	73 MILES FROM PHC.
SEP 23 2587	16 52 10.	M=2.2.	45 MILES FROM PNT.
SEP 24 2588	22 05 45.	M=2.5.	42 MILES FROM PNT.
SEP 25 2589	11 29 36.	M=1.6.	31 MILES FROM PHC.
SEP 25 2590	12 09 01.	M=2.6.	48 MILES FROM PHC.
SEP 25 2591	19 47 26.	M=2.0.	56 MILES FROM PHC.

SEP 28 2592	05 00 24.	M=3.0.	154 MILES FROM PNT.	
OCT 1 2593	22 41 37.	M=2.3.	47 MILES FROM PNT.	
OCT 5 2594	11 10 25.	48 54(19)N, 121 54(19)W.	M=2.7.	
	NORWESTERN WASHINGTON, U.S.A.			
OCT 6 2595	22 05 20.	M=2.9.	158 MILES FROM PNT.	
OCT 7 2596	22 42 41.	M=2.3.	48 MILES FROM PNT.	
OCT 9 2597	19 14 43.	M=2.4.	48 MILES FROM PNT.	
OCT 11 2598	15 47 52.	50 36(19)N, 129 42(19)W.	M=4.4.	
	WEST OF VANCOUVER ISLAND.			
OCT 11 2599	17 12 17.	M=2.6.	106 MILES FROM PHC.	
OCT 11 2600	17 54 48.	50 36(19)N, 129 54(19)W.	M=4.2.	
	WEST OF VANCOUVER ISLAND.			
OCT 11 2601	18 00 15.	M=3.2.	113 MILES FROM PHC.	
OCT 12 2602	03 34 48.	M=2.7.	104 MILES FROM PHC.	
OCT 15 2603	21 18 23.	M=2.6.	48 MILES FROM PNT.	
OCT 16 2604	00 25 58.	M=1.5.	27 MILES FROM PNT.	
OCT 20 2605	21 01 28.	M=2.8.	112 MILES FROM PNT.	
OCT 20 2606	22 04 54.	M=1.7.	16 MILES FROM VIC.	
OCT 22 2607	20 24 23.	M=2.0.	44 MILES FROM VIC.	
OCT 23 2608	16 28 03.	47 30(19)N, 122 24(19)W.	M=4.4.	
	PUGET SOUND, WASH., U.S.A.			
OCT 23 2609	23 06 58.	M=1.5.	47 MILES FROM PHC.	

OCT 25 2610	10 59 47.	M=2.6.	116 MILES FROM PHC.
OCT 25 2611	22 34 09.	M=1.8.	17 MILES FROM VIC.
OCT 26 2612	22 20 13.	M=1.5.	16 MILES FROM PHC.
OCT 27 2613	13 29 47.	M=2.6.	105 MILES FROM PHC.
OCT 28 2614	23 41 04.	M=3.0.	109 MILES FROM PHC.
OCT 29 2615	00 00 37.	M=3.2.	152 MILES FROM PNT.
OCT 29 2616	21 32 17.	M= .8.	17 MILES FROM VIC.
NOV 1 2617	09 35 12.	M=2.6.	119 MILES FROM PNT.
NOV 5 2618	16 11 17.	M=2.6.	65 MILES FROM PNT.
NOV 5 2619	16 20 38.	M=2.8.	111 MILES FROM PHC.
NOV 5 2620	21 30 49.	M=1.6.	16 MILES FROM BAN.
NOV 6 2621	00 07 19.	M=1.2.	19 MILES FROM VIC.
NOV 6 2622	00 15 45.	M=2.6.	48 MILES FROM PNT.
NOV 7 2623	00 58 07.	M=3.1.	152 MILES FROM PNT.
NOV 10 2624	00 47 36.	M=3.2.	157 MILES FROM PNT.
NOV 10 2625	10 51 03.	M=2.9.	31 MILES FROM PNT.
NOV 17 2626	16 01 32.	M=1.1.	16 MILES FROM BAN.
NOV 21 2627	19 13 45.	M=2.0.	51 MILES FROM PNT.

NOV 27 2628	00 24 53.	M=2.8.	61 MILES FROM PNT.	
NOV 28 2629	02 28 28.	M=3.2.	198 MILES FROM PNT.	
	584 MILES FROM FSJ.			
NOV 28 2630	14 42 29.	M=3.3.	82 MILES FROM PNT.	
DEC 9 2631	21 39 54.	M=3.5.	150 MILES FROM PNT.	
DEC 12 2632	07 45 41.	M=2.3.	37 MILES FROM PNT.	
DEC 13 2633	16 48 26.	M=2.3.	48 MILES FROM PNT.	
DEC 15 2634	00 46 54.	M=3.2.	115 MILES FROM PNT.	
DEC 15 2635	23 50 12.	M=3.4.	154 MILES FROM PNT.	
DEC 16 2636	17 19 11.	48 48(30)N, 122 42(30)W.	M=2.6.	
	NORTHWESTERN WASHINGTON, U.S.A.			
DEC 16 2637	17 37 15.	M=1.6.	29 MILES FROM VIC.	
DEC 17 2638	00 27 17.	M=1.1.	17 MILES FROM VIC.	
DEC 17 2639	13 39 19.	M=2.6.	117 MILES FROM PNT.	
DEC 17 2640	16 16 33.	M=3.0.	120 MILES FROM PNT.	
DEC 17 2641	16 21 39.	M=4.0.	360 MILES FROM FSJ.	
DEC 18 2642	16 45 38.	M=3.1.	107 MILES FROM BAN.	
DEC 20 2643	22 37 18.	M=2.5.	41 MILES FROM PNT.	
DEC 23 2644	04 56 13.	M=2.6.	114 MILES FROM PNT.	
DEC 23 2645	09 43 18.	M=2.8.	122 MILES FROM PNT.	

DEC 24 00 12 04. M=2.8. 130 MILES FROM PNT. TS 45 00 TS 40M
2646 0500

DEC 24 10 06 21. M=2.1. 58 MILES FROM PNT. AS 05 50 TS 40M
2647 0500

DEC 24 11 12 21. M=2.5. 123 MILES FROM PNT. AS 52 41 AS 40M
2648 0500

DEC 27 15 23 09. M=3.1. 176 MILES FROM PNT. AS 42 45 0 030
2649 0500

DEC 29 11 34 34. M=2.8. 25 MILES FROM PNT. AS 24 18 SI 030
2650 0500

DEC 30 04 00 40. 50 12(1 00)N, 127 18(1 00)W. M=3.4. SI 030
2651 WEST OF VANCOUVER ISLAND. 0500