UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COLUMBIA GLACIER PHOTOGRAMMETRIC ALTITUDE AND VELOCITY: DATA SET (1957-1981)

By Andrew G. Fountain

Open-File Report 82-756

Tacoma, Washington
1982

UNITED STATES DEPARTMENT OF THE INTERIOR

JAMES G. WATT, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For additional information write to:

U.S. Geological Survey
Project Office - Glaciology
1201 Pacific Avenue - Suite 850
Tacoma, Washington 98402-4383

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INTRODUCTION

The Columbia Glacier project was initiated in 1977 by the U. S. Geological Survey to study a large calving glacier whose rapid, drastic retreat seems imminent (Meier and others, 1980). This fast retreat is similar to other tidewater glacier recessions that have opened up much of southeast Alaska in the past 200 years. Columbia Glacier is 67 km long and 1,100 km in area and is critically situated in Prince William Sound near the Valdez Arm shipping lanes (figure 1). This report presents the accumulated photogrammetric data on Columbia Glacier surface altitude, movement, and terminus positions. It includes close to 5,300 photogrammetrically identified points on the glacier from 30 flights, each of which averages 176 points per flight.

Included in Figure 1 are two coordinate systems used in the study. The base system to which all other systems are referred is the UTM or Universal Transverse Mercator standard coordinate system. The other system is one devised by L. A. Rasmussen (personal communication) especially for Columbia Glacier and is referred to as the data grid. It is a 762.5 m square grid with 71 rows and 63 columns that are parallel to a right-handed coordinate system having x positive to the east and y positive to the north. The (i,j) node 53,25 is at a survey point called Grand Central and is tied to other coordinate systems at that junction. The conversion from UTM to the data grid is as follows:

$$\text{row } i = 71 - \frac{[(\text{UTM North} - 6754\,000) / 0.9996] - 7534}{762.5} \qquad (1)$$

$$\text{column } j = 1 + \frac{[(\text{UTM East} - 480\,000) / 0.9996] - 304}{762.5} \qquad (2)$$

Photogrammetric Surface Positions

Rather than attempt a large stake survey to determine the changing surface position at various locations on this large glacier, it was considered worthwhile to try to identify and track surface features via aerial photographs. The surface features chosen are crevasse intersections whose angle and pattern are sufficiently distinctive to allow repeated identification over at least one flight interval. As it turned out, these features may be observed over several flight intervals. This procedure is especially appropriate in the lower reach (below 52 km, figure 1) of the glacier where the density of crevasses precludes surface travel, but provides a plethora of aerial positional information. With the assistance the U. S. Geological Survey's National Mapping Division in Menlo Park, California, much of the work was automated. Using stereo mapping instruments and a computer, UTM coordinates are calculated for each feature identified. The accuracy of this photogrammetric technique for a flight altitude of 5,500 m is about 2 m* in the horizontal and vertical components of position (Meier and others, 1978, pg. 37).

Table 1 shows the dates and coverage of the aerial photos of Columbia Glacier and the number of photogrammetrically determined points. Table 3 lists by photo date the x,y,z position of each glacier point identified. The

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* a complete error analysis has not been attempted

Table 1.--Date and coverage of aerial photography

Flight no.	Date	Decimal Year	Flight altitude (m)	Coverage*	Number of digitized locations				
					Terminus	Lower reach	Icefall reach	Other	Total
1	July 29, 1957	1957.574	9000	a	36	214	10	42	302
2	July 27, 1974	1974.568	7920	b	15	210	?	?	566
3	July 24, 1976	1976.561	5490	c	17	137			154
4	October 1, 1976	1976.750	5490	c	14	148			162
5	November 17, 1976	1976.879	5490	c	20	73			93
6	January 19, 1977	1977.051	5490	c	22	68			90
7	March 7, 1977	1977.180	5490	c	24	64			88
8	April 23, 1977	1977.309	5490	c	27	154			181
9	June 2, 1977	1977.418	5490	d	22	172		24	218
10	July 7, 1977	1977.514	7010	d	19	184		38	241
11	August 29, 1977	1977.659	7010	d	28	185		42	255
12	November 8, 1977	1977.854	7010,8230	d,f	23	169		33	225
13	February 28, 1978	1978.160	6400	d	26	171		31	228
14	April 19, 1978	1978.297	7010,7770	d,e,f	34	167		26	227
15	June 11, 1978	1978.442	7010,7770	d,e,f	29	159	53	60	301
16	July 30, 1978	1978.576	7010,8530	d,e,f	39	158	53	36	286
17	August 26, 1978	1978.650	7010	d	81	168		25	274
18	November 8, 1978	1978.853	5490	d	76	164		29	269
19	January 6, 1979	1979.014	6100	d	63	140		29	232
20	April 12, 1979	1979.277	7010	d	70	146		29	245
21	August 18, 1979	1979.628	7010	d	54	129		22	205
22	October 20, 1979	1979.800	7010	d	58	138		24	220
23	February 29, 1980	1980.162	7010	d	78	128		18	224
24	May 12, 1980	1980.361	7010	d	86	128		21	235
25	July 22, 1980	1980.556	7010	d	77	117		17	211
26	September 2, 1980	1980.671	7010	d	92	116		14	222
27	October 30, 1980	1980.830	7010	d	98	113		14	225
28	March 7, 1981	1981.180	7010	d	94	112		13	219
29	June 16, 1981	1981.457	7010	d	92	110		13	215
30	September 1, 1981	1981.667	7010	d	92	110		13	215
31	September 26, 198	1981.736	6400	d					0
32	November 15, 1981	1981.873	7010	d					0
33	January 22, 1982	1982.059	7010	d					0
34	March 31, 1982	1982.246	7010	d					0

* a most of glacier
b whole glacier
c lowest 4 km
d lower reach
e icefall reach
f central basin

identification number of each point is unique. The x and y UTM coordinates were shortened to maximize the number of points included in each row. The conversion back to the original UTM coordinates is included in the heading of each table.

Velocity Determination

Each identification number (ID#) is matched with the same number for the subsequent flight and the unmatched numbers are removed from consideration. The horizontal velocity in meters per year is calculated by the change in the x and y displacement divided by the time between flights. The location of this velocity vector is taken to be the midpoint of the displacement of the x, y and z components. These locations in x, y and z coordinates and the x and y velocities in meters per year are given in Table 4.

Gridded Velocity Values

Due to the wealth of data in the lower reach of the glacier, from 52 km to the terminus, data grid row 51, (figure 1) the data grid could be superimposed and the velocities at the mesh points could be interpolated from the irregularly spaced values. Such a regular array would be useful in modeling. The data grid, was used to define the region of interest (figure 2) which extends from row 51 to 71 and from column 18 - 24. In terms of this grid the glacier margin is defined in Table 2. The interpolation of the velocity values was done by computer using the Calcomp GPCP contouring package.* The program generates the gridded values based on a weighted-nearest-neighbor algorithm which approximates a tangent plane at the specified location. To prevent velocities from being extrapolated into non-glacier areas, such as nunataks

* GPCP, a General Purpose Contouring Program, California Computer Products. Inc., Anaheim, California.

and the water past the constantly changing terminus, a mask was developed for each flight interval to exclude these areas as well as those on the glacier where the data were too sparse to provide an accurate interpolation. These masks are presented in Table 5. The resultant grid values of the x and y components of the velocities at the non-masked points are presented in Table 6 and 7 respectively. In the y velocity table a negative velocity is a down-glacier velocity, because the glacier flows in the negative y UTM direction. The y velocity maximum and its location is estimated by a quadratic spline fit (Rasmussen, L. A., 1982) to the velocity values in that row with no attention given to the row-by-row continuity. An additional y velocity maximum is added in parentheses to row 69 in the first 6 intervals. The lack of photogrammetric data in this area during these flight intervals biased the spline fit, resulting in an underestimation of the maximum y velocity. An extrapolation by examining independently generated speed-contour plots revised the maximum value and is included in the parentheses. No attempt was made to adjust the mean velocity.

A GPCP interpolation of the z values was intended for inclusion for this report, however, the interpolation of the z values proved to be demonstrably incorrect. Each set of gridded values was based on the distribution of points of that flight. As the distribution changed with time, so did the gridded values, but even a small change in distribution would create a significant difference in the gridded values and the resulting contours would imply a change where in fact none took place. It is believed this problem is not limited to this particular software package alone, but is a general problem of any contouring algorithm that cannot "remember" past surfaces and retain a continuity in time.

Table 2.--Columbia Glacier margin defined in terms of the data grid.

Row	E Margin Column (j)	W Margin Column (j)
52	27.88	18.05
53	24.43	18.12
54	24.51	18.70
55	24.76	18.48
56	24.80	18.08
57	24.40	17.88
58	26.05	17.07
59	26.96	18.56
60	27.24	18.80
61	26.90	19.50
62	26.96	19.72
63	27.72	19.50
64	28.72	19.56
65	29.04	20.04
66	28.38	20.40
67	28.17	20.05
68	27.95	19.80
69	26.40	20.86
70	25.12	21.72
71	23.76	23.55
72	25.04	24.00

This defines the glacier margin as the glacier appeared on July 27, 1974. Row 51 is not defined since it is not quite in the lower reach. The margin is the limit of the glacier bounded by natural conditions except for rows 55-58, 63, 64 in the western margin and row 59 in the eastern margin, where the limit is a dynamic boundary defined by the position of zero velocity in the y component. The changes in the margin are insignificantly small within the timespan of this data set, except for a small decrease (narrowing) in the eastern margin of row 68 and in the active terminus rows 68-71. Due to the configuration of the terminus at this time, two lobes intersected row 71 causing the margin to be defined twice.

REFERENCES

Meier, M. F., Rasmussen, L. A., Post, Austin, Brown, C. S., Sikonia, W. G., Bindschadler, R. A., Mayo, L. R., and Trabant, D. C., 1980, Predicted timing of the disintegration of the lower reach of Columbia Glacier, Alaska: U.S. Geological Survey Open-File Report 80-582, 47 p.

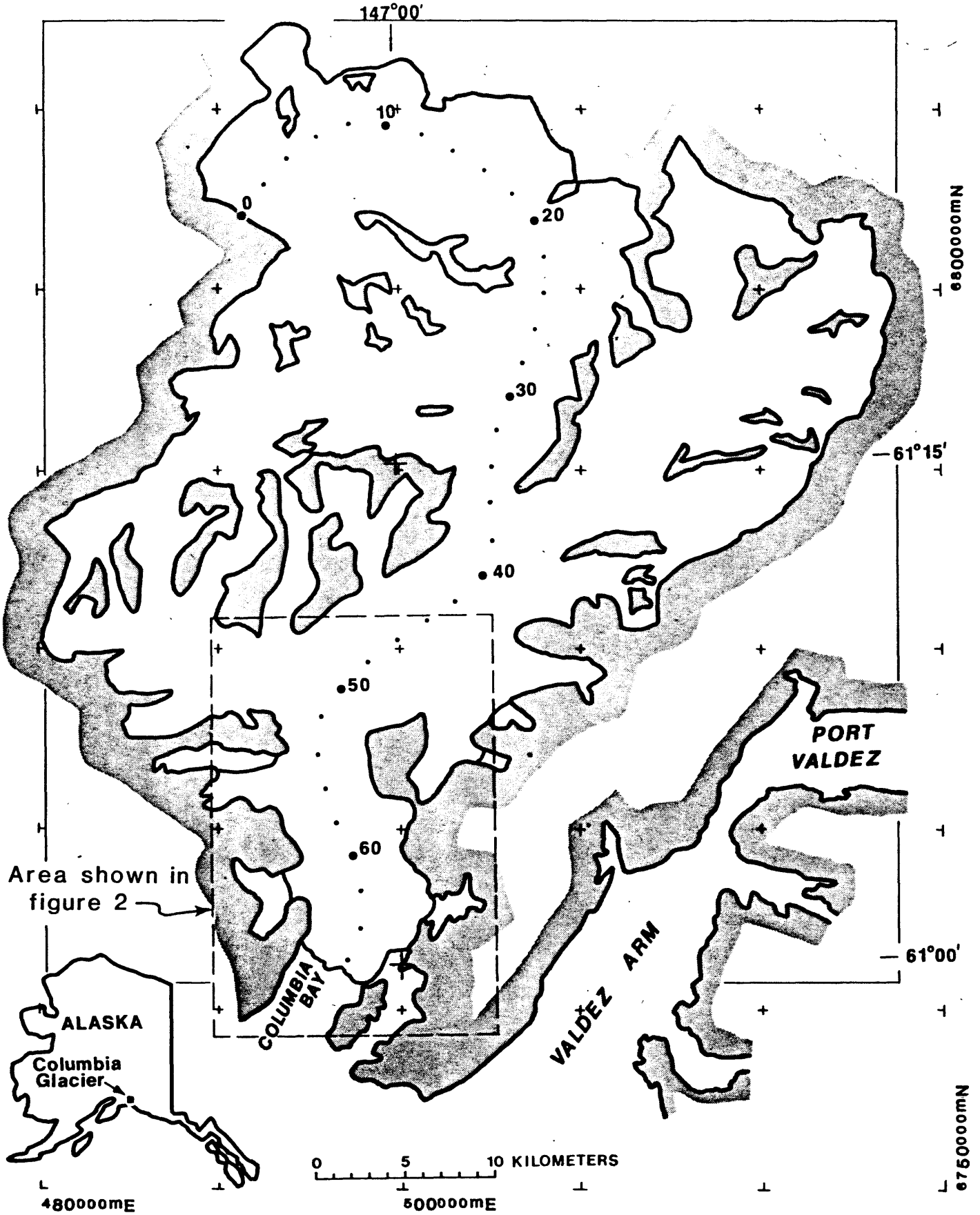
Meier, M. F., Post, Austin, Brown, C. S., Frank, David, Hodge, S. M., Mayo, L. R., Rasmussen, L. A., Senear, E. A., Sikonia, W. G., Trabant, D. C., and Watts, R. D., 1978, Columbia Glacier progress report--December 1977, U. S. Geological Survey Open-File Report 78-264, 78 p.

Rasmussen, L. A., 1982, Quadratic spline subroutine package (in press).

FIGURES

Figure 1. Location of Columbia Glacier, Alaska, with latitude and longitude markings in large tick marks, UTM coordinates in small tick marks, and the solid box deliniates the limits of the data grid. The integers on the glacier refer to kilometers downstream.

Figure 2. Region of gridded velocity values. The tick marks indicate the intersection of the data grid and each row and column is numbered. The distance down glacier is indicated by the dots with associated values in kilometers.


147°00'
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6800000mN
61°15'
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Area shown in figure 2
ALASKA
Columbia Glacier
0 5 10 KILOMETERS
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500000mE

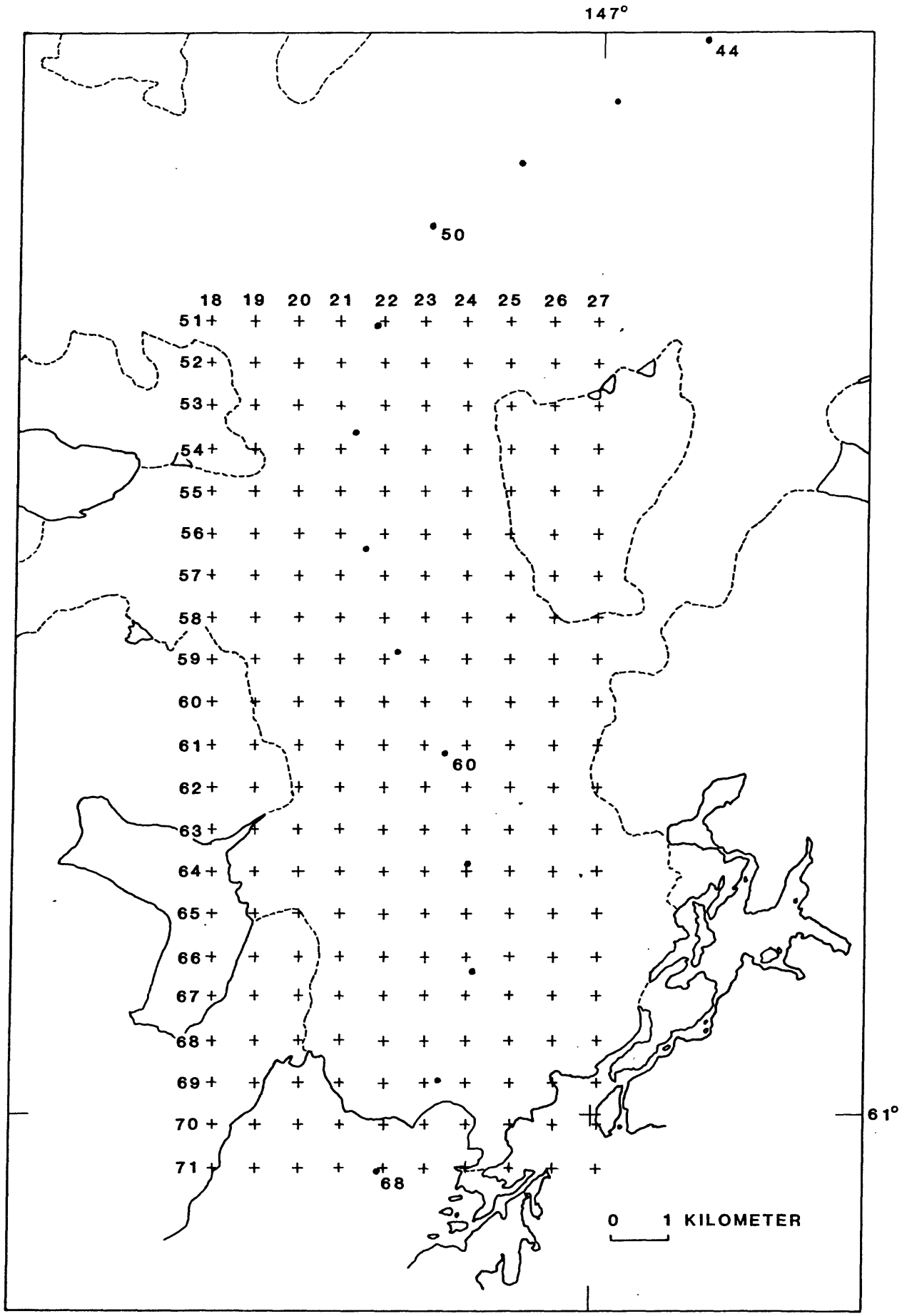
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TABLE 3 PHOTOGRAMMETRIC SURFACE POSITIONS. 29 JUL 1957
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
102	8093	12237	121	103	7597	12364	135	104	7215	12447	143
105	6742	12552	149	106	6348	12664	134	107	5856	12756	113
201	8950	12782	99	202	8521	12851	139	203	8051	12897	159
204	7557	13005	154	205	7131	13061	152	206	6655	13189	152
207	6177	13277	145	208	5689	13339	134	209	5274	13465	112
301	9831	13491	95	302	9344	13509	94	303	8724	13619	155
304	8145	13656	143	305	7597	13781	156	306	7201	13832	161
307	6779	13957	166	308	6292	14025	143	309	5694	14009	128
310	5261	14047	105	401	10573	14234	78	402	9965	14284	138
403	9385	14283	128	404	8696	14310	163	405	7876	14369	176
406	7238	14419	177	407	6628	14489	192	408	5946	14539	147
409	5275	14633	129	501	10602	15023	102	502	9982	15004	151
503	9476	15011	173	504	9039	15024	174	505	8582	15005	179
506	8009	15011	182	507	7440	15028	185	508	6824	15048	196
509	6191	15073	191	510	5388	15098	155	601	10795	15724	105
602	10338	15699	151	603	9873	15726	168	604	9433	15751	170
605	8871	15716	195	606	8469	15677	202	607	7957	15709	209
608	7513	15664	208	609	7075	15661	207	610	6456	15603	196
611	5879	15553	188	612	5346	15497	177	701	10642	16556	155
702	10091	16494	175	703	9637	16452	196	704	9166	16420	209
705	8692	16404	213	706	8241	16382	222	707	7723	16282	235
708	7226	16246	222	709	6649	16222	205	710	6001	16088	199
711	5578	16077	194	712	5216	15983	191	801	10143	17204	180
802	9507	17169	194	803	8875	17147	223	804	8269	17108	234
805	7688	17087	236	806	7163	16993	228	807	6515	16920	216
808	5932	16805	221	809	5328	16720	223	810	4701	16665	197
901	9786	17985	212	902	9238	17931	234	903	8661	17911	242
904	8069	17882	250	905	7467	17748	250	906	6846	17677	251
907	6419	17644	261	908	5764	17593	255	909	5095	17538	216
910	4539	17387	210	1001	9537	18736	228	1002	8884	18681	247
1003	8326	18625	256	1004	7800	18522	268	1005	7337	18484	272
1006	6842	18402	271	1007	6273	18341	272	1008	5619	18259	257
1009	5007	18129	249	1010	4617	18108	223	1101	9630	19416	240
1102	9128	19307	244	1103	8660	19262	257	1104	8080	19180	276
1105	7634	19162	289	1106	7191	19060	287	1107	6747	18994	277
1108	6206	18904	272	1109	5681	18875	273	1110	5050	18802	254
1111	4705	18796	245	1201	9766	20278	250	1202	9170	20171	259
1203	8552	20097	266	1204	7983	19993	295	1205	7398	19944	288
1206	6911	19780	284	1207	6353	19667	281	1208	5767	19657	295
1209	5225	19560	285	1210	4658	19473	280	1211	4307	19414	265
1301	9026	20980	258	1302	8428	20914	291	1303	7862	20811	301
1304	7376	20714	300	1305	6894	20636	299	1306	6404	20533	301
1307	5883	20419	304	1308	5333	20320	317	1309	4742	20201	302
1310	4184	20076	303	1401	8733	21763	296	1402	8058	21704	299
1403	7461	21571	312	1404	6827	21410	319	1405	6280	21364	340
1406	5781	21262	341	1407	5260	21082	341	1408	4849	20965	341
1409	4362	20902	314	1410	3860	20705	304	1501	8521	22459	286
1502	7928	22320	303	1503	7270	22177	306	1504	6576	22044	320

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 29 JUL 1957
UTM EAST = X+490000: UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
1505	6000	21939	349	1506	5514	21877	359	1507	4939	21808	350
1508	4482	21680	341	1509	4131	21598	337	1510	3737	21507	333
1601	8325	23167	353	1602	7681	22978	357	1603	7097	22873	379
1604	6545	22790	385	1605	6074	22714	381	1606	5651	22634	379
1607	5245	22515	371	1608	4648	22435	354	1609	4200	22304	341
1610	3711	22189	331	1701	8200	23807	370	1702	7614	23715	397
1703	7053	23678	411	1704	6553	23549	421	1705	6066	23451	413
1706	5572	23354	399	1707	5142	23254	385	1708	4589	23174	367
1709	4128	23064	349	1710	3651	22975	331	1801	8042	24410	390
1802	7485	24319	395	1803	6948	24214	409	1804	6463	24107	423
1805	6006	24054	421	1806	5462	23938	400	1807	4832	23909	369
1808	4338	23651	363	1809	3725	23535	330	1901	7981	25072	390
1902	7401	25019	412	1903	6902	24867	412	1904	6435	24860	421
1905	6036	24813	431	1906	5571	24675	430	1907	5027	24669	414
1908	4536	24540	387	1909	4091	24444	373	2001	8259	25809	522
2002	7848	25775	491	2003	7407	25750	459	2004	6973	25716	458
2005	6481	25621	465	2006	6047	25608	471	2007	5648	25516	477
2008	5246	25492	480	2009	4715	25552	488	2010	4126	25493	481
2011	3770	25482	475	2101	8979	26275	538	2102	8454	26314	545
2103	7907	26340	552	2104	7516	26353	542	2105	6917	26333	524
2106	6358	26341	502	2107	5848	26318	487	2108	5387	26293	491
2109	4934	26250	489	2110	4478	26192	491	2111	3914	26154	481
2112	3632	26139	478								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
81011	8704	29592	81021	6621	29349	81031	7066	28444
81041	7466	27530	81051	7973	26655	81061	8310	25999
81071	11972	26912	81091	3508	27261	81092	3640	27267
81093	3457	27045	81101	3806	28197	81112	4188	29504
81113	4554	29334	81114	4538	29021	81121	13735	32826
81131	11958	31922	81141	10338	30748	81151	5711	31108
81161	6165	30244	81191	13207	35838	81192	13379	35823
81193	13136	35669	81194	13183	36106	81195	13075	35875
81221	13215	44907	81202	5679	44022	81203	5586	43898
81204	5424	43953	82011	14142	28596	82021	15094	29416
82031	16652	32921	82041	17402	32260	82051	18697	33459
82061	14234	35022	82071	15153	34243	82081	15905	33584
82091	17262	38248	82101	18066	36980	82111	19030	35461
82121	16545	35682	82131	15443	41952	82141	14829	39064
82151	17179	45354	82152	17181	45288	82153	17177	45498
82161	18433	49449	82162	18437	49218	82163	18889	49459
82164	18193	49418	83011	23761	42409	83021	21229	39220
83022	21074	39268	83031	27073	44589	83041	26978	50421

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 29 JUL 1957
UTM EAST = X+490000; UTM NORTH =
Y+6750000 AND ALTITUDE Z IN METERS
ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91903	4937	13492	91904	4934	13372	91905	4954	13321
91906	5010	13301	91907	5067	13306	91908	5131	13203
91909	5225	13139	91910	5309	12973	91911	5407	12747
91912	5524	12704	91913	5719	12571	91914	5975	12386
91915	6189	12188	91916	6300	12152	91917	6531	12163
91918	6685	12113	91919	6892	12065	91920	7177	11987
91921	7334	11945	91922	7467	11966	91923	7544	11868
91924	7586	11728	91925	7639	11698	91926	7824	11745
91927	7864	11803	91928	7919	11819	91929	7953	11795
91930	7920	11721	91931	7755	11671	91932	7682	11619
91933	7732	11558	91934	7909	11540	91935	8095	11556
91936	8226	11541						

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 27 JUL 1974
UTM EAST = X+490000; UTM NORTH =
Y+6750000 AND ALTITUDE Z IN METERS
ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
101	8534	12070	90	102	8070	12234	115	103	7619	12367	130
104	7184	12443	135	105	6710	12548	136	106	6339	12663	131
107	5888	12760	109	201	8963	12784	108	202	8521	12851	130
203	8051	12897	138	204	7557	13007	131	205	7128	13061	126
206	6655	13189	134	207	6177	13277	138	208	5689	13339	111
301	9851	13481	103	302	9344	13509	113	303	8725	13619	143
304	8174	13664	135	305	7595	13781	140	306	7201	13832	147
308	6292	14025	140	309	5694	14009	130	401	10573	14234	87
402	9965	14284	137	403	9385	14283	143	404	8696	14310	159
405	7876	14369	162	406	7238	14419	197	407	6628	14490	187
408	5946	14539	137	409	5275	14633	123	501	10602	15023	106
502	9979	15004	158	503	9476	15011	175	504	9035	15024	178
505	8582	15005	179	506	8009	15011	175	507	7440	15028	173
508	6825	15045	193	509	6191	15073	190	510	5389	15089	153
601	10795	15724	115	602	10338	15699	157	603	9873	15726	169
604	9433	15751	181	605	8871	15716	197	606	8469	15677	194
607	7957	15709	206	608	7513	15666	198	609	7076	15661	199
610	6456	15603	195	611	5879	15553	190	612	5346	15497	185
701	10640	16568	155	702	10094	16472	174	703	9637	16452	195
704	9166	16420	206	705	8692	16404	207	706	8242	16377	214
707	7722	16289	222	708	7226	16246	209	709	6648	16222	198
710	6001	16088	191	711	5578	16077	189	712	5215	15986	195
801	10143	17204	173	802	9518	17170	192	803	8883	17148	215
804	8269	17108	226	805	7688	17087	227	806	7163	16993	217
807	6515	16920	204	808	5932	16793	218	809	5324	16725	222
810	4701	16664	193	901	9787	17980	204	902	9238	17931	222
903	8660	17919	233	904	8069	17879	237	905	7467	17748	234
906	6846	17676	240	907	6419	17644	247	908	5790	17578	245
909	5094	17537	210	910	4539	17387	209	1001	9537	18736	215
1002	8886	18681	233	1003	8326	18623	240	1004	7800	18522	253
1005	7337	18484	255	1006	6842	18402	257	1007	6286	18343	257
1008	5623	18260	248	1009	5008	18125	245	1010	4617	18105	222
1101	9630	19416	231	1102	9128	19307	235	1103	8660	19259	245
1104	8080	19180	261	1105	7634	19162	276	1106	7191	19059	270
1107	6747	18994	260	1108	6206	18904	259	1109	5689	18876	260
1110	5049	18802	250	1111	4706	18791	241	1201	9767	20272	246
1202	9170	20170	255	1203	8552	20097	258	1204	7983	19992	282
1205	7398	19944	276	1206	6911	19780	265	1207	6353	19667	266
1208	5764	19657	286	1209	5226	19557	274	1210	4656	19476	269
1211	4307	19414	261	1301	9026	20980	258	1302	8428	20914	285
1303	7862	20811	291	1304	7376	20714	289	1305	6894	20636	286
1306	6404	20532	286	1307	5883	20419	295	1308	5333	20320	304
1309	4741	20201	292	1310	4184	20076	293	1401	8733	21763	288
1402	8058	21704	291	1403	7461	21571	305	1404	6827	21410	304
1405	6280	21364	325	1406	5781	21262	333	1407	5260	21082	330
1408	4848	20965	328	1409	4362	20902	299	1410	3860	20705	296
1501	8521	22459	281	1502	7928	22319	298	1503	7268	22179	297
1504	6577	22044	306	1505	6000	21939	336	1506	5514	21877	328

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 27 JUL 1974
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
1507	4930	21807	340	1508	4469	21678	333	1509	4131	21598	327
1510	3737	21507	323	1601	8322	23163	346	1602	7673	22970	352
1603	7086	22873	367	1604	6545	22790	375	1605	6074	22714	367
1606	5659	22635	366	1607	5252	22516	359	1608	4648	22435	348
1609	4214	22306	332	1610	3711	22189	325	1701	8200	23802	360
1702	7614	23715	385	1703	7053	23678	399	1704	6553	23549	411
1705	6066	23451	403	1706	5570	23363	393	1707	5142	23254	375
1708	4589	23174	361	1709	4128	23064	347	1710	3651	22975	327
1801	8042	24410	381	1802	7485	24319	383	1803	6943	24213	400
1804	6463	24107	412	1805	6013	24055	411	1806	5462	23938	390
1807	4829	23923	364	1808	4342	23652	362	1809	3724	23535	331
1901	7981	25072	382	1902	7385	25016	401	1903	6893	24865	407
1904	6435	24850	412	1905	6036	24813	421	1906	5571	24675	421
1907	5027	24669	406	1908	4530	24539	377	1909	4090	24444	370
2001	8252	25812	521	2002	7848	25775	481	2003	7406	25750	447
2004	6973	25716	454	2005	6481	25624	455	2006	6046	25612	462
2007	5646	25526	469	2008	5246	25492	474	2009	4713	25562	480
2010	4126	25493	478	2011	3770	25482	472	2101	8979	26274	536
2102	8454	26314	540	2103	7910	26340	545	2104	7516	26354	537
2105	6917	26329	518	2106	6358	26341	496	2107	5847	26322	481
2108	5386	26293	486	2109	4933	26250	483	2110	4477	26200	486
2111	3913	26154	477	2112	3632	26139	476				

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
81011	8705	29594	81021	6621	29351	81031	7067	28445
81041	7468	27532	81051	7975	26657	81061	8311	26000
81081	940	29048	81091	3489	27260	81101	3807	28207
81111	4150	29114	81141	10338	30747	81151	5713	31108
81161	6165	30245	81251	4453	30061			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 27 JUL 1974
UTM EAST = X+490000; UTM NORTH =
Y+6750000 AND ALTITUDE Z IN METERS
ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
101	8534	12070	90	102	8070	12234	115	103	7619	12367	130
104	7184	12443	135	105	6710	12548	136	106	6339	12663	131
107	5888	12760	109	201	8963	12784	108	202	8521	12851	130
203	8051	12897	138	204	7557	13007	131	205	7128	13061	126
206	6655	13189	134	207	6177	13277	138	208	5689	13339	111
301	9851	13481	103	302	9344	13509	113	303	8725	13619	143
304	8174	13664	135	305	7595	13781	140	306	7201	13832	147
308	6292	14025	140	309	5694	14009	130	401	10573	14234	87
402	9965	14284	137	403	9385	14283	143	404	8696	14310	159
405	7876	14369	162	406	7238	14419	197	407	6628	14490	187
408	5946	14539	137	409	5275	14633	123	501	10602	15023	106
502	9979	15004	158	503	9476	15011	175	504	9035	15024	178
505	8582	15005	179	506	8009	15011	175	507	7440	15028	173
508	6825	15045	193	509	6191	15073	190	510	5389	15089	153
601	10795	15724	115	602	10338	15699	157	603	9873	15726	169
604	9433	15751	181	605	8871	15716	197	606	8469	15677	194
607	7957	15709	206	608	7513	15666	198	609	7076	15661	199
610	6456	15603	195	611	5879	15553	190	612	5346	15497	185
701	10640	16568	155	702	10094	16472	174	703	9637	16452	195
704	9166	16420	206	705	8692	16404	207	706	8242	16377	214
707	7722	16289	222	708	7226	16246	209	709	6648	16222	198
710	6001	16088	191	711	5578	16077	189	712	5215	15986	195
801	10143	17204	173	802	9518	17170	192	803	8883	17148	215
804	8269	17108	226	805	7688	17087	227	806	7163	16993	217
807	6515	16920	204	808	5932	16793	218	809	5324	16725	222
810	4701	16664	193	901	9787	17980	204	902	9238	17931	222
903	8660	17919	233	904	8069	17879	237	905	7467	17748	234
906	6846	17676	240	907	6419	17644	247	908	5790	17578	245
909	5094	17537	210	910	4539	17387	209	1001	9537	18736	215
1002	8886	18681	233	1003	8326	18623	240	1004	7800	18522	253
1005	7337	18484	255	1006	6842	18402	257	1007	6286	18343	257
1008	5623	18260	248	1009	5008	18125	245	1010	4617	18105	222
1101	9630	19416	231	1102	9128	19307	235	1103	8660	19259	245
1104	8080	19180	261	1105	7634	19162	276	1106	7191	19059	270
1107	6747	18994	260	1108	6206	18904	259	1109	5689	18876	260
1110	5049	18802	250	1111	4706	18791	241	1201	9767	20272	246
1202	9170	20170	255	1203	8552	20097	258	1204	7983	19992	282
1205	7398	19944	276	1206	6911	19780	265	1207	6353	19667	266
1208	5764	19657	286	1209	5226	19557	274	1210	4656	19476	269
1211	4307	19414	261	1301	9026	20980	258	1302	8428	20914	285
1303	7862	20811	291	1304	7376	20714	289	1305	6894	20636	286
1306	6404	20532	286	1307	5883	20419	295	1308	5333	20320	304
1309	4741	20201	292	1310	4184	20076	293	1401	8733	21763	288
1402	8058	21704	291	1403	7461	21571	305	1404	6827	21410	304
1405	6280	21364	325	1406	5781	21262	333	1407	5260	21082	330
1408	4848	20965	328	1409	4362	20902	299	1410	3860	20705	296
1501	8521	22459	281	1502	7928	22319	298	1503	7268	22179	297
1504	6577	22044	306	1505	6000	21939	336	1506	5514	21877	328

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 27 JUL 1974
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
1507	4930	21807	340	1508	4469	21678	333	1509	4131	21598	327
1510	3737	21507	323	1601	8322	23163	346	1602	7673	22970	352
1603	7086	22873	367	1604	6545	22790	375	1605	6074	22714	367
1606	5659	22635	366	1607	5252	22516	359	1608	4648	22435	348
1609	4214	22306	332	1610	3711	22189	325	1701	8200	23802	360
1702	7614	23715	385	1703	7053	23678	399	1704	6553	23549	411
1705	6066	23451	403	1706	5570	23363	393	1707	5142	23254	375
1708	4589	23174	361	1709	4128	23064	347	1710	3651	22975	327
1801	8042	24410	381	1802	7485	24319	383	1803	6943	24213	400
1804	6463	24107	412	1805	6013	24055	411	1806	5462	23938	390
1807	4829	23923	364	1808	4342	23652	362	1809	3724	23535	331
1901	7981	25072	382	1902	7385	25016	401	1903	6893	24865	407
1904	6435	24850	412	1905	6036	24813	421	1906	5571	24675	421
1907	5027	24669	406	1908	4530	24539	377	1909	4090	24444	370
2001	8252	25812	521	2002	7848	25775	481	2003	7406	25750	447
2004	6973	25716	454	2005	6481	25624	455	2006	6046	25612	462
2007	5646	25526	469	2008	5246	25492	474	2009	4713	25562	480
2010	4126	25493	478	2011	3770	25482	472	2101	8979	26274	536
2102	8454	26314	540	2103	7910	26340	545	2104	7516	26354	537
2105	6917	26329	518	2106	6358	26341	496	2107	5847	26322	481
2108	5386	26293	486	2109	4933	26250	483	2110	4477	26200	486
2111	3913	26154	477	2112	3632	26139	476				

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
81011	8705	29594	81021	6621	29351	81031	7067	28445
81041	7468	27532	81051	7975	26657	81061	8311	26000
81081	940	29048	81091	3489	27260	81101	3807	28207
81111	4150	29114	81141	10338	30747	81151	5713	31108
81161	6165	30245	81251	4453	30061			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 24 JUL 1976
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
108	7914	11852	86	109	8408	11679	35	153	5755	13174	106
158	8039	12088	102	159	8505	11894	70	203	5843	13414	124
208	8129	12265	109	252	5478	13783	118	253	5964	13616	121
254	6413	13410	127	257	7721	12773	110	258	8257	12560	108
302	5573	13966	118	303	6023	13797	118	304	6525	13612	128
305	7028	13451	131	306	7437	13249	110	307	7892	13019	123
308	8415	12909	129	309	8811	12693	103	351	5202	14358	89
352	5665	14144	118	353	6136	13947	115	354	6608	13793	138
355	7084	13641	135	356	7506	13487	124	357	8018	13343	116
358	8533	13174	115	359	9027	12973	99	401	5227	14472	96
402	5710	14382	119	403	6129	14261	132	404	6710	14086	159
405	7194	13981	141	406	7602	13804	130	407	8093	13696	122
408	8597	13538	124	409	9131	13365	99	451	5192	14644	114
452	5728	14516	129	453	6255	14400	158	454	6710	14334	172
455	7268	14190	148	456	7644	14090	149	457	8146	14009	137
458	8715	13836	130	459	9258	13689	113	501	5244	14845	127
502	5812	14707	128	503	6255	14689	175	504	6836	14532	180
505	7344	14458	154	506	7818	14402	158	507	8242	14313	154
508	8739	14207	146	509	9290	14143	133	601	5364	15148	151
602	5925	15123	175	603	6385	15074	179	604	6829	15033	184
605	7403	14977	162	606	7873	14945	169	607	8315	14892	164
608	8826	14806	158	609	9375	14682	162	701	5380	15593	180
702	5886	15581	186	703	6455	15526	184	704	6907	15505	192
705	7423	15476	178	706	7939	15463	183	707	8390	15429	177
708	8892	15360	185	709	9456	15327	168	801	5451	16012	186
802	5962	15965	190	803	6466	15952	189	804	6949	15930	195
805	7515	15932	201	806	7972	15905	208	807	8462	15886	199
808	8989	15887	198	809	9506	15858	183	900	4863	16406	192
901	5424	16391	204	902	5949	16425	196	903	6502	16422	192
904	6975	16399	202	905	7547	16418	217	906	7953	16398	221
907	8459	16382	204	908	9030	16353	206	1000	4943	16768	208
1001	5417	16767	217	1002	5951	16788	212	1003	6475	16788	200
1004	6989	16772	206	1005	7561	16799	221	1006	7973	16832	226
1007	8463	16836	218	1008	8931	16858	209	1009	9557	16860	199
1100	4893	17100	210	1101	5440	17091	221	1102	5948	17193	235
1103	6447	17178	219	1104	6983	17199	215	1105	7516	17239	224
1106	7987	17292	226	1107	8442	17283	227	1108	8951	17289	217
1200	4861	17445	207	1201	5390	17547	223	1202	5900	17576	246
1203	6399	17607	248	1204	6877	17670	239	1205	7468	17719	232
1206	7910	17781	234	1207	8431	17766	234	1300	4733	17856	207
1301	5271	17943	233	1302	5813	18000	253	1303	6331	18096	258
1304	6795	18129	252	1305	7373	18206	245	1306	7842	18281	248
1401	5221	18329	253	1402	5739	18429	256	1403	6236	18511	253
1404	6720	18591	258	1405	7233	18611	261	1501	5159	18761	254
1502	5704	18868	261	1503	6185	18938	253	1504	6618	19007	257
1602	5575	19316	265	1603	6029	19381	263				

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 24 JUL 1976
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91001	5138	14186	91002	5153	13612	91003	5260	13326
91004	5336	13115	91005	5436	12792	91006	5503	12613
91007	5692	12574	91008	5887	12395	91009	6202	12355
91010	6485	12495	91011	6818	12488	91012	6979	12222
91013	7105	11958	91014	7244	11841	91015	7544	11741
91016	7631	11542	91017	7733	11524			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 1 OCT 1976
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
108	7906	11833	80	109	8409	11672	33	153	5547	12989	63
158	8032	12069	97	203	5691	13240	100	208	8125	12237	107
252	5403	13756	112	253	5858	13450	120	256	7259	12781	82
257	7673	12570	90	258	8264	12509	107	263	5865	13477	122
302	5498	13897	112	303	5948	13638	120	304	6445	13381	104
305	6941	13181	103	306	7344	13002	89	307	7822	12859	112
308	8420	12852	123	309	8839	12661	99	351	5181	14332	83
352	5612	14059	117	353	6073	13778	109	354	6535	13569	114
355	7004	13386	112	356	7425	13252	104	357	7962	13193	113
358	8536	13127	112	359	9043	12954	93	401	5212	14446	88
402	5682	14294	116	403	6075	14093	109	404	6646	13865	130
405	7134	13755	121	406	7535	13585	112	407	8039	13535	113
408	8582	13478	118	409	9136	13349	96	451	5182	14621	106
452	5706	14428	121	453	6196	14216	125	454	6652	14123	148
455	7212	13972	130	456	7588	13881	131	457	8095	13835	119
458	8694	13778	128	459	9263	13672	107	501	5233	14826	121
502	5792	14611	118	503	6200	14511	149	504	6784	14327	159
505	7295	14255	137	506	7765	14206	144	507	8195	14145	141
508	8712	14129	139	509	9290	14125	131	553	6336	14680	171
554	6835	14569	167	555	7263	14521	148	556	7683	14469	152
601	5355	15124	145	602	5903	15026	165	603	6353	14929	169
604	6790	14867	164	605	7364	14797	149	606	7832	14762	159
607	8278	14730	158	608	8806	14721	153	609	9376	14660	158
701	5376	15573	175	702	5878	15513	179	703	6434	15397	171
704	6881	15350	179	705	7394	15308	167	706	7910	15292	169
707	8361	15274	165	708	8875	15268	177	709	9455	15301	164
801	5452	15987	182	802	5961	15895	186	803	6454	15833	179
804	6930	15793	183	805	7494	15772	183	806	7951	15738	194
807	8445	15734	185	808	8983	15793	188	809	9505	15831	177
900	4861	16405	189	901	5424	16365	199	902	5951	16356	188
903	6497	16310	184	904	6967	16267	195	905	7536	16267	205
906	7945	16241	210	907	8454	16242	195	908	9033	16264	199
909	9536	16330	189	1000	4928	16756	203	1001	5418	16739	213
1002	5960	16717	204	1003	6477	16679	195	1004	6987	16646	199
1005	7559	16659	212	1006	7975	16688	218	1007	8466	16700	209
1008	8937	16758	202	1009	9565	16835	191	1100	4874	17084	206
1101	5434	17054	216	1102	5952	17117	224	1103	6454	17069	206
1104	6987	17076	205	1105	7523	17105	216	1106	7996	17153	218
1107	8453	17147	219	1108	8964	17189	206	1109	9414	17226	196
1200	4842	17426	204	1201	5380	17505	215	1202	5902	17502	239
1203	6414	17497	237	1204	6891	17547	228	1205	7482	17586	223
1206	7926	17643	227	1207	8446	17634	225	1208	8956	17629	218
1209	9390	17683	213	1301	5265	17901	225	1302	5823	17927	246
1303	6352	17995	250	1304	6817	18009	243	1305	7396	18077	235
1306	7873	18150	238	1307	8403	18179	234	1308	8924	18214	223
1401	5225	18285	249	1402	5758	18353	250	1403	6263	18412	247
1404	6749	18478	250	1405	7261	18488	247	1406	7731	18587	250
1502	5730	18782	257	1503	6216	18839	247	1504	6649	18898	247

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 1 OCT 1976
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
1505	7187	18916	258	1602	5605	19229	256	1603	6062	19277	254
1604	6579	19377	253								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
92001	5063	14144	92002	5099	13746	92003	5216	13590
92004	5257	13384	92005	5320	13070	92007	5797	12574
92008	6109	12678	92009	6502	12828	92010	6940	12879
92011	7345	12535	92012	7480	12135	92013	7449	11920
92014	7634	11684	92015	7617	11531			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 17 NOV 1976
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
108	7905	11829	78	158	8025	12063	92	203	5549	13084	71
208	8114	12223	103	252	5311	13716	110	253	5753	13313	109
254	6253	12784	76	257	7500	12335	64	258	8266	12476	107
302	5442	13850	112	303	5861	13489	126	304	6368	13116	105
305	6859	12912	92	306	7232	12724	78	307	7710	12664	99
308	8420	12809	116	309	8859	12644	101	351	5168	14314	84
352	5571	14002	116	353	6015	13624	115	354	6460	13353	106
355	6920	13131	99	356	7334	12999	89	357	7883	13025	111
358	8534	13093	114	359	9054	12943	93	367	7724	13088	105
401	5204	14428	89	402	5664	14224	112	403	6036	13944	104
404	6581	13654	115	405	7067	13519	109	406	7458	13350	99
407	7976	13368	110	408	8569	13422	119	409	9140	13340	100
451	5177	14606	107	452	5691	14359	117	453	6153	14053	107
454	6596	13917	133	455	7156	13752	117	456	7528	13664	119
457	8038	13663	112	458	8671	13721	131	501	5228	14814	121
502	5783	14529	115	503	6159	14345	128	504	6736	14124	146
505	7246	14048	126	506	7712	14006	133	507	8141	13973	133
553	6294	14509	156	554	6794	14376	155	555	7222	14328	136
556	7634	14278	145	602	5888	14943	154	605	7329	14619	141
606	7789	14580	153	702	5876	15453	178	705	7369	15147	159
603	6324	14778	169	604	6758	14698	161	704	6855	15199	174
804	6913	15658	183	805	7476	15621	176	904	6957	16143	194
905	7525	16125	197	1004	6984	16528	201	1005	7556	16526	211
1104	6989	16964	204	1105	7526	16982	217	1204	6901	17438	226
1205	7492	17467	223								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
93001	4955	14037	93002	5147	14163	93003	5163	13931
93004	5104	13681	93005	5269	13590	93006	5283	13242
93007	5399	12991	93008	5545	12768	93009	5670	12614
93010	5980	12680	93011	6267	12696	93012	6529	12766
93013	6802	12841	93014	7107	12739	93015	7256	12568
93016	7405	12317	93017	7518	12034	93018	7663	11788
93019	7745	11639	93020	7622	11528			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 19 JAN 1977
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
108	7894	11821	77	158	8013	12057	93	208	8100	12208	104
252	5198	13662	94	253	5585	13109	79	258	8267	12441	110
302	5365	13795	112	303	5717	13290	113	304	6263	12724	80
307	7573	12406	92	308	8421	12764	111	309	8885	12619	102
351	5154	14294	86	352	5517	13939	116	353	5922	13423	128
354	6354	13028	112	355	6816	12785	97	356	7218	12683	87
358	8533	13054	119	359	9063	12930	94	367	7609	12829	102
401	5194	14406	87	402	5634	14143	113	403	5975	13763	113
404	6490	13393	113	405	6969	13223	106	406	7352	13061	92
407	7887	13164	116	408	8555	13357	118	409	9143	13328	102
451	5169	14588	105	452	5671	14274	117	453	6099	13855	104
454	6515	13663	120	455	7067	13465	114	456	7434	13383	110
457	7957	13445	110	458	8650	13651	129	501	5220	14798	121
502	5765	14425	114	503	6107	14144	108	504	6660	13863	136
505	7174	13780	124	506	7637	13746	122	507	8071	13748	118
553	6233	14288	135	554	6730	14123	148	555	7157	14071	133
556	7564	14018	140	557	8112	14009	134	602	5866	14833	143
603	6270	14564	162	604	6707	14461	159	605	7273	14374	137
606	7726	14335	148	702	5870	15370	176	704	6815	14992	167
705	7327	14924	154	804	6885	15466	177	805	7445	15409	166
904	6940	15967	186	905	7504	15923	186	1004	6978	16357	195
1005	7545	16335	201	1104	6990	16801	199	1105	7528	16804	213
1204	6915	17278	219	1205	7508	17292	222				

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
94001	4903	14021	94002	5114	14140	94003	5095	13929
94004	5019	13747	94006	5258	13338	94007	5334	13068
94008	5479	12886	94009	5594	12748	94010	5683	12614
94011	5876	12575	94012	6044	12634	94013	6175	12633
94014	6416	12650	94015	6560	12645	94016	6794	12642
94017	6963	12567	94018	7167	12473	94019	7334	12276
94020	7494	12066	94021	7624	11934	94022	7807	11719
94023	7624	11530						

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 7 MAR 1977
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
108	7881	11805	71	158	8005	12045	90	208	8090	12193	104
258	8272	12411	109	302	5293	13748	105	303	5586	13154	87
307	7460	12233	94	308	8428	12730	105	309	8911	12593	91
351	5142	14279	87	352	5469	13894	115	353	5824	13263	124
354	6270	12785	99	358	8537	13019	117	359	9075	12915	89
367	7526	12633	102	401	5184	14390	88	402	5604	14080	114
403	5914	13634	127	404	6417	13196	123	405	6899	13014	107
406	7279	12851	92	407	7817	13001	116	408	8550	13307	114
409	9148	13316	97	451	5160	14573	103	452	5649	14206	114
453	6048	13715	113	454	6450	13479	115	455	6996	13254	110
456	7363	13175	103	457	7894	13280	107	458	8638	13597	122
501	5214	14783	122	502	5746	14341	112	503	6067	14001	103
504	6597	13671	128	505	7113	13574	121	506	7576	13544	115
507	8015	13578	110	553	6185	14126	116	554	6673	13929	141
555	7104	13873	130	556	7510	13817	130	557	8060	13829	117
602	5844	14744	131	603	6222	14395	145	604	6660	14274	155
605	7226	14179	134	606	7675	14139	140	607	8123	14161	138
702	5860	15297	174	704	6782	14823	165	705	7291	14743	150
804	6860	15303	176	805	7418	15234	161	904	6924	15816	183
905	7484	15754	180	1004	6970	16207	190	1005	7532	16169	196
1104	6992	16656	195	1105	7527	16646	210	1204	6921	17140	207
1205	7519	17141	214								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
95001	4903	14009	95002	5040	13971	95003	4961	13740
95004	5131	13670	95005	5240	13615	95006	5252	13317
95007	5336	13119	95008	5419	12947	95009	5494	12734
95010	5596	12551	95011	5788	12482	95012	6065	12568
95013	6257	12490	95014	6558	12503	95015	6690	12531
95016	6926	12515	95017	7037	12469	95018	7136	12276
95019	7287	12215	95020	7449	12029	95021	7692	11870
95022	7840	11730	95023	7766	11569	95024	7620	11532

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 23 APR 1977
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
8001	8552	13819	123	8002	8370	13460	117	8003	8323	13312	118
8004	8347	13114	117	8005	8265	12948	126	8007	8197	12549	114
8008	8118	12454	116	8009	7964	12333	103	8010	7843	12173	93
8013	8226	13459	114	8014	8197	13300	115	8015	8096	13095	118
8016	8023	12861	126	8017	7967	12719	125	8019	7818	12506	109
8020	7728	12372	99	8021	7676	12190	91	8022	7872	13825	126
8023	7756	13682	116	8024	7704	13469	115	8025	7671	13269	112
8026	7579	13123	109	8027	7529	12917	105	8028	7451	12763	101
8029	7616	12680	116	8030	7519	12574	111	8031	7394	12641	105
8032	7309	12516	105	8033	7133	12539	108	8034	7473	14025	141
8035	7413	13857	126	8036	7318	13702	130	8037	7292	13531	124
8038	7264	13330	118	8039	7204	13173	111	8040	7139	13022	110
8041	7109	12883	109	8042	6976	12766	118	8043	6942	12556	98
8044	6797	12599	99	8045	7091	14092	145	8046	7002	13948	143
8047	6960	13746	138	8048	6922	13585	133	8049	6873	13422	128
8050	6817	13228	122	8051	6810	13081	120	8052	6688	12875	117
8053	6689	12802	115	8054	6645	12634	100	8055	6911	14107	153
8056	6914	13951	144	8059	6690	13469	128	8060	6684	13321	121
8062	6550	12973	124	8064	6566	14228	160	8065	6531	14051	149
8066	6447	13929	136	8067	6395	13763	124	8068	6348	13646	120
8069	6335	13514	122	8070	6287	13353	128	8071	6252	13175	134
8072	6211	13040	130	8073	6130	12896	107	8075	6373	14271	154
8076	6359	14126	139	8077	6311	13934	121	8078	6275	13829	114
8079	6217	13656	113	8080	6165	13510	124	8081	6086	13336	140
8083	6021	13033	123	8084	5970	12912	110	8085	5898	12728	100
8087	5831	12950	102	8088	5651	12875	97	8089	6038	14443	131
8090	5952	14217	112	8091	5915	14092	113	8092	5862	13903	116
8093	5879	13725	125	8095	5690	13458	123	8096	5878	13250	135
8097	5648	13323	109	8098	5493	13236	85	8099	5817	14180	108
8100	5723	14012	119	8101	5672	13816	129	8102	5565	13696	126
8103	5525	13540	118	8104	5444	13416	97	108	7865	11780	65
158	8001	12029	93	208	8085	12174	106	258	8279	12383	111
302	5235	13707	82	303	5482	13072	79	308	8435	12704	107
309	8933	12571	86	351	5132	14267	89	352	5436	13862	120
353	5719	13148	94	354	6251	12613	90	358	8540	12993	123
359	9084	12905	87	367	7469	12467	106	401	5178	14376	89
402	5581	14036	116	403	5854	13540	133	404	6353	13022	125
405	6853	12845	116	406	7226	12679	103	407	7772	12869	119
408	8549	13270	113	409	9151	13304	98	452	5631	14156	117
453	6001	13610	126	454	6405	13336	128	455	6949	13092	116
456	7312	13013	106	457	7846	13150	116	458	8635	13555	123
501	5210	14769	125	502	5729	14279	117	503	6040	13894	113
504	6551	13521	128	505	7062	13410	122	506	7527	13383	115
507	7973	13446	113	553	6155	14006	118	554	6627	13776	141
555	7060	13713	136	556	7466	13657	130	557	8017	13687	115
602	5833	14673	131	603	6186	14262	138	604	6618	14121	157
605	7186	14021	137	606	7635	13977	140	607	8083	14010	133
702	5851	15237	175	704	6754	14677	172	705	7259	14589	155

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 23 APR 1977
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
804	6837	15162	179	805	7390	15083	163	904	6909	15679	189
905	7466	15604	181	1004	6958	16073	193	1005	7518	16019	198
1104	6989	16522	200	1105	7522	16502	214	1204	6923	17009	206
1205	7524	16999	218								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
96001	4842	14034	96002	5008	14003	96003	4918	13751
96004	5026	13693	96005	5240	13591	96006	5251	13363
96007	5288	13195	96008	5330	13033	96009	5362	12840
96010	5464	12684	96011	5580	12567	96012	5724	12475
96013	5861	12421	96014	6071	12446	96015	6260	12437
96016	6441	12364	96017	6620	12356	96018	6824	12349
96019	7024	12296	96020	7196	12142	96021	7326	12090
96022	7511	11985	96023	7712	11867	96024	7864	11763
96025	7879	11643	96026	7765	11574	96027	7623	11530

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 2 JUN 1977
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
208	7358	12289	106	209	7916	12185	98	210	8312	12369	120
306	6319	12578	109	307	6837	12640	107	308	7213	12766	117
309	7829	12708	114	310	8290	12889	131	311	8681	12946	126
312	9184	12900	77	405	5758	13035	111	406	6197	13102	136
407	6756	13228	128	408	7178	13422	129	409	7751	13253	119
410	8209	13400	118	411	8679	13422	121	412	9116	13451	98
413	9685	13461	101	505	5661	13545	120	506	6188	13589	117
507	6610	13651	140	508	7133	13680	136	509	7601	13853	141
510	8167	13812	131	511	8683	13855	132	512	9096	13871	145
514	10032	14019	100	605	5562	13985	122	606	6084	14068	118
607	6662	14106	160	608	7118	14115	150	609	7625	14220	154
610	8118	14247	155	611	8571	14326	155	612	8979	14398	159
613	9469	14442	145	615	10415	14634	98	705	5556	14588	141
706	6104	14614	159	707	6582	14597	179	708	6991	14710	179
709	7617	14766	168	710	7976	14779	172	711	8471	14820	174
712	9006	14873	168	714	9968	14968	150	805	5534	15016	159
806	6063	15031	179	807	6512	15091	176	808	6946	15130	186
809	7513	15251	176	810	7963	15290	182	811	8381	15337	173
812	8872	15355	182	813	9435	15419	170	815	10399	15536	135
906	5993	15495	182	907	6490	15637	186	908	6941	15636	194
909	7409	15646	187	910	7846	15781	207	911	8403	15787	199
912	8908	15873	203	914	9860	15992	178	916	10857	16102	102
1005	5365	16097	195	1006	5976	16139	188	1007	6454	16266	194
1008	6803	16214	196	1009	7346	16303	207	1010	7811	16277	218
1011	8379	16383	207	1013	9323	16489	210	1103	4367	16456	184
1104	4811	16579	202	1105	5396	16622	219	1108	6784	16785	202
1110	7795	16865	226	1112	8797	16972	213	1114	9776	17009	196
1202	3773	16963	161	1203	4304	16982	201	1204	4740	16995	210
1205	5328	17073	226	1207	6319	17184	226	1209	7255	17214	220
1211	8215	17414	227	1352	3814	17240	151	1303	4324	17531	202
1306	5828	17685	252	1308	6742	17741	245	1310	7625	17885	239
1312	8672	17924	233	1314	9615	18013	221	1404	4910	17992	238
1405	5280	18048	247	1407	6145	18147	254	1409	7107	18273	250
1411	8096	18310	241	1506	5686	18576	259	1508	6641	18732	259
1510	7593	18762	265	1512	8587	18844	239	1514	9525	19027	232
1607	6104	19127	260	1609	7036	19216	267	1714	9414	20004	253
1704	4498	19334	268	1706	5564	19581	278	1708	6539	19684	258
1710	7476	19766	280	1712	8492	19875	256	1859	7345	20242	274
1807	5914	20058	293	1904	4488	20400	299	1906	5441	20570	304
1908	6394	20581	291	1910	7417	20716	286	1912	8367	20830	286
2007	5831	21054	318	2009	6844	21198	296	2103	3973	21316	321
2104	4393	21392	331	2106	5350	21499	335	2108	6268	21593	322
2110	7282	21766	303	2162	8433	21532	291	2207	5678	22101	349
2303	3747	22299	322	2304	4240	22330	331	2306	5158	22464	354
2308	6228	22554	351	2312	8123	22751	329	2407	5662	23084	385
2409	6623	23250	401	2605	4460	23958	361	2607	5486	24039	388
2609	6471	24243	411	2705	4411	24458	377	2706	4981	24591	393
2707	5452	24605	413	2708	5951	24689	416	2709	6428	24722	408

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 2 JUN 1977
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
2710	6913	24798	398	2711	7445	24799	394	2804	3963	25013	482
2805	4497	25018	474	2806	4957	25111	461	2807	5416	25084	458
2808	5915	25119	444	2809	6387	25152	423	2810	6857	25152	407
2811	7478	25240	396	3012	7772	26336	545	3058	5838	25868	471
2905	4418	25511	486	2911	7336	25742	452	2504	4078	23373	342
2506	5109	23518	368	2508	6102	23627	405	2510	7058	23718	398
2512	8192	23849	360	2907	5373	25538	475	2909	6315	25695	462
3008	5870	26123	476	3010	6891	26273	513	3006	4891	26088	483
3105	4332	26490	483	3109	6303	26675	495	3204	3793	27062	517
3208	5865	27249	486	3305	4230	27714	512	3309	6136	27912	514
3404	3678	28047	530	3410	6676	28397	533	3511	7020	28915	554
3559	6289	28818	537	3555	4112	28288	531	3658	5562	29397	524
3113	8238	26836	536	3307	5178	27729	485	3406	4679	28130	513
3408	5572	28305	509	3313	8169	28053	530	3563	8140	29142	539
3610	6488	29369	550	3612	7403	29383	570	3706	4587	29497	527
3709	5982	29747	542	3711	6917	29868	569	3808	5463	30136	535
3810	6426	30291	559	3854	3092	30187	537	3908	5425	30769	544
3909	5895	30777	551								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
98001	4922	13728	98002	5049	13619	98003	5231	13473
98004	5262	13180	98005	5296	13011	98006	5370	12820
98007	5425	12648	98008	5563	12591	98009	5695	12526
98010	5857	12364	98011	6081	12346	98012	6212	12334
98013	6391	12290	98014	6628	12230	98015	6796	12266
98016	7021	12198	98017	7159	12026	98018	7377	11970
98019	7521	11913	98020	7723	11827	98021	7896	11681
98022	7627	11530						

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 7 JUL 1977
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
209	7887	12278	99	210	8318	12344	116	306	6278	12470	100
307	6805	12520	95	308	7188	12678	117	309	7814	12641	106
310	8291	12854	128	311	8687	12926	125	312	9196	12888	71
405	5689	12978	98	406	6157	13021	130	407	6729	13144	128
408	7151	13335	127	409	7726	13177	120	410	8197	13348	117
411	8681	13398	119	412	9120	13438	96	413	9691	13444	98
505	5612	13492	111	506	6162	13524	124	507	6583	13569	134
508	7108	13593	132	509	7578	13767	137	510	8149	13740	125
511	8675	13822	132	512	9101	13854	140	514	10034	14016	97
605	5539	13957	122	606	6066	14007	118	607	6638	14023	157
608	7097	14030	148	609	7605	14133	150	610	8098	14165	150
611	8558	14271	152	612	8978	14368	156	613	9473	14426	141
615	10416	14634	93	705	5545	14563	139	706	6091	14547	151
707	6563	14515	177	708	6976	14627	175	709	7600	14679	164
710	7960	14692	168	711	8460	14749	171	712	9004	14838	165
714	9972	14963	146	805	5532	14993	157	806	6040	14969	176
807	6499	15018	178	808	6934	15055	186	809	7501	15169	172
810	7950	15205	176	811	8370	15257	172	812	8867	15303	178
813	9437	15399	165	815	10400	15537	131	905	5480	15511	178
906	5986	15450	179	907	6479	15569	181	908	6930	15558	190
909	7398	15562	182	910	7837	15693	195	911	8393	15704	192
912	8908	15815	197	914	9866	15983	175	916	10861	16101	99
1005	5368	16085	191	1006	5976	16094	186	1007	6450	16200	189
1008	6797	16139	194	1009	7340	16222	204	1010	7805	16191	215
1011	8379	16301	206	1013	9330	16455	206	1015	10289	16521	164
1103	4357	16450	180	1104	4803	16572	193	1105	5398	16602	214
1108	6786	16711	196	1110	7798	16781	222	1112	8806	16905	209
1114	9782	16998	194	1202	3753	16952	163	1203	4290	16978	197
1204	4725	16988	207	1205	5324	17050	223	1207	6324	17121	218
1209	7261	17137	218	1211	8224	17332	226	1302	3672	17395	159
1352	3793	17227	153	1303	4305	17521	195	1304	4783	17515	207
1306	5827	17638	248	1308	6749	17659	238	1310	7639	17802	235
1312	8686	17855	229	1314	9623	17999	218	1404	4901	17969	232
1405	5276	18015	242	1407	6158	18080	253	1409	7124	18195	247
1411	8112	18226	239	1506	5696	18519	253	1508	6660	18660	256
1510	7613	18683	260	1512	8601	18777	236	1514	9532	19013	228
1607	6125	19061	256	1609	7057	19139	263	1704	4500	19329	265
1706	5585	19510	271	1708	6562	19608	256	1710	7499	19688	278
1712	8506	19820	250	1714	9421	19997	250	1807	5942	19980	287
1859	7371	20167	270	1904	4500	20369	297	1906	5470	20490	301
1908	6425	20500	283	1910	7437	20644	282	1912	8381	20788	279
2007	5861	20966	309	2009	6867	21106	289	2162	8440	21510	290
2103	3973	21294	321	2104	4400	21345	327	2106	5372	21410	332
2108	6298	21509	318	2110	7302	21701	301	2112	8303	21860	286
2203	3837	21670	323	2207	5697	22008	346	2209	6848	22079	298
2302	3285	22281	316	2303	3738	22292	320	2304	4237	22296	329
2306	5163	22375	350	2308	6243	22455	342	2310	7229	22599	340
2312	8115	22747	328	2407	5656	22979	377	2409	6629	23157	393

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 7 JUL 1977
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
2504	4067	23359	338	2506	5087	23435	366	2508	6093	23522	398
2510	7066	23638	397	2512	8196	23842	358	2605	4451	23916	359
2607	5474	23948	388	2609	6473	24141	409	2611	7563	24267	376
2705	4404	24411	367	2706	4977	24509	381	2707	5451	24503	401
2708	5958	24581	410	2709	6448	24617	405	2710	6934	24712	397
2711	7458	24755	393	2712	8026	24726	378	2804	3963	25008	481
2805	4515	24951	471	2806	4967	25009	455	2807	5430	24975	450
2808	5938	25004	437	2809	6411	25045	417	2810	6872	25061	408
2811	7488	25200	397	2905	4426	25480	485	2907	5394	25436	469
2909	6334	25583	454	2911	7339	25679	439	3004	3972	25895	473
3006	4899	26019	483	3058	5850	25758	469	3008	5878	26022	475
3010	6872	26190	507	3012	7754	26317	544	3105	4340	26458	480
3107	5368	26588	482	3109	6284	26589	493	3111	7153	26776	534
3113	8217	26820	538	3202	2929	27104	547	3204	3813	27083	520
3206	4680	27023	496	3208	5839	27174	485	3212	7845	27445	529
3214	8715	27475	539	3305	4241	27687	512	3307	5162	27658	485
3309	6104	27849	509	3311	7076	27940	518	3313	8131	28016	530
3404	3701	28039	533	3406	4687	28096	514	3408	5550	28243	508
3410	6645	28339	530	3555	4125	28272	532	3507	5136	28667	518
3559	6261	28760	534	3511	6986	28859	552	3563	8104	29093	536
3606	4546	29068	526	3658	5546	29357	524	3608	5541	29183	523
3610	6456	29313	546	3612	7370	29330	568	3702	2149	29623	555
3706	4579	29487	530	3707	4993	29673	529	3709	5955	29701	540
3711	6883	29816	567	3802	2382	30158	565	3854	3090	30183	541
3807	4801	30032	529	3808	5441	30108	534	3810	6397	30247	558
3908	5419	30759	545	3909	5878	30754	549	4010	6227	31228	560

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
90901	4902	13727	90902	5227	13508	90903	5208	13207
90904	5328	13030	90905	5363	12825	90906	5486	12641
90907	5732	12565	90908	5951	12372	90909	6174	12309
90910	6358	12282	90911	6592	12232	90912	6833	12295
90913	7011	12338	90914	7162	12198	90915	7396	11935
90916	7544	11957	90917	7750	11849	90918	7909	11656
90919	7658	11522						

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 29 AUG 1977
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
209	7849	12261	81	210	8322	12323	111	309	7776	12732	98
310	8285	12809	118	311	8697	12908	122	312	9209	12881	66
405	5562	12945	90	406	6115	12869	102	407	6698	12988	94
409	7661	13018	100	410	8178	13268	117	411	8685	13370	115
412	9126	13425	94	413	9699	13429	88	505	5530	13420	99
506	6132	13405	126	507	6558	13419	118	508	7090	13414	114
509	7551	13625	126	510	8123	13636	119	511	8664	13780	130
512	9107	13835	137	514	10038	14011	94	605	5515	13923	122
606	6044	13909	116	607	6611	13886	141	608	7069	13888	135
609	7580	13997	141	610	8072	14046	141	611	8545	14197	145
612	8977	14334	151	613	9479	14410	135	615	10418	14631	91
705	5538	14530	139	706	6068	14449	138	707	6538	14389	167
708	6955	14500	165	709	7577	14557	157	710	7936	14574	164
711	8443	14655	168	712	9001	14799	162	714	9918	14889	143
805	5519	14964	151	806	6024	14892	167	807	6481	14920	172
808	6912	14944	174	809	7482	15056	163	810	7930	15096	170
811	8351	15157	168	812	8859	15244	175	813	9438	15382	165
815	10402	15535	129	905	5479	15499	178	906	5980	15399	178
907	6468	15484	175	908	6916	15458	183	909	7383	15454	173
910	7821	15587	187	911	8382	15605	183	912	8904	15751	190
914	9870	15974	173	916	10862	16100	95	1005	5369	16073	188
1006	5976	16048	181	1007	6446	16124	185	1008	6789	16053	187
1009	7333	16123	196	1010	7796	16084	206	1011	8375	16207	201
1013	9336	16422	202	1015	10293	16518	162	1103	4341	16440	177
1104	4792	16565	192	1105	5397	16587	210	1108	6786	16629	194
1110	7798	16684	217	1112	8811	16832	205	1114	9789	16987	193
1202	3723	16938	167	1203	4269	16966	196	1204	4708	16978	207
1205	5315	17028	220	1207	6329	17048	208	1209	7265	17048	213
1211	8232	17240	222	1302	3651	17388	163	1352	3765	17217	156
1303	4282	17515	191	1304	4764	17502	207	1306	5826	17588	242
1308	6762	17577	232	1310	7650	17710	228	1312	8697	17779	225
1314	9629	17985	214	1404	4890	17951	226	1405	5270	17983	237
1407	6172	18011	251	1409	7144	18110	240	1411	8127	18136	237
1506	5713	18460	251	1508	6684	18580	253	1510	7636	18594	253
1512	8620	18706	234	1514	9535	19002	225	1607	6151	18989	254
1609	7085	19055	259	1704	4504	19324	263	1706	5613	19442	270
1708	6592	19529	254	1710	7529	19605	274	1712	8526	19762	246
1714	9427	19990	248	1807	5979	19900	280	1859	7403	20086	267
1809	6954	19923	256	1904	4512	20340	295	1906	5505	20413	297
1908	6466	20413	272	1910	7468	20565	277	1912	8403	20745	273
2007	5899	20878	299	2009	6904	21022	283	2103	3977	21285	319
2104	4410	21298	323	2106	5404	21318	324	2108	6337	21417	309
2110	7331	21632	298	2162	8449	21485	285	2112	8317	21837	283
2203	3839	21663	322	2207	5721	21905	340	2209	6875	21995	292
2302	3256	22263	316	2303	3729	22286	317	2304	4283	22242	320
2306	5163	22273	343	2308	6260	22355	327	2310	7251	22514	325
2312	8124	22715	320	2403	3526	22883	316	2407	5648	22865	371
2408	6636	23055	382	2503	3508	23371	314	2504	4043	23336	334

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 29 AUG 1977
UTM EAST = X+490000; UTM NORTH =
Y+6750000 AND ALTITUDE Z IN METERS
ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
2506	5060	23339	364	2508	6082	23411	393	2510	7084	23578	394
2512	8197	23838	354	2605	4428	23865	354	2607	5449	23839	382
2609	6477	24026	404	2611	7561	24210	374	2705	4401	24356	362
2706	4970	24412	369	2707	5442	24392	390	2708	5958	24460	405
2709	6458	24497	401	2710	6949	24623	395	2711	7470	24708	387
2712	8028	24722	373	2804	3966	24998	478	2805	4524	24868	452
2806	4980	24906	436	2807	5441	24855	433	2808	5953	24875	423
2809	6430	24922	407	2810	6890	24962	405	2811	7499	25160	395
2905	4432	25444	483	2907	5414	25317	463	2909	6357	25458	443
2911	7326	25612	422	3004	3977	25883	471	3006	4910	25949	480
3008	5889	25905	465	3010	6818	26080	494	3012	7733	26295	538
3014	8834	26454	537	3058	5871	25633	461	3105	4346	26426	478
3107	5357	26497	479	3109	6251	26498	487	3111	7116	26722	529
3113	8196	26810	533	3202	3041	27051	540	3204	3826	27040	514
3206	4691	26976	491	3208	5817	27096	481	3210	6767	27172	506
3212	7805	27413	526	3214	8687	27463	534	3305	4259	27661	507
3307	5159	27594	480	3309	6073	27782	505	3311	7031	27879	507
3313	8096	27978	526	3404	3715	28026	530	3406	4697	28062	509
3408	5529	28179	505	3410	6613	28279	523	3412	7539	28407	522
3511	6953	28801	546	3513	7865	28956	536	3555	4140	28257	527
3507	5128	28625	514	3559	6228	28700	531	3563	8070	29043	533
3606	4552	29057	525	3608	5521	29140	523	3610	6414	29255	545
3612	7334	29271	563	3705	4038	29557	531	3706	4582	29483	526
3707	4989	29661	528	3709	5935	29660	538	3711	6840	29764	564
3802	2393	30156	562	3804	3490	29988	544	3854	3096	30181	539
3806	4626	30098	531	3807	4805	30030	529	3808	5430	30089	533
3810	6364	30206	556	3951	3807	30928	550	3908	5414	30753	541
3909	5863	30736	548	4010	6213	31212	557				

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 29 AUG 1977
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91001	4886	13727	91002	5053	13560	91003	5247	13550
91004	5255	13294	91005	5333	13092	91006	5390	12945
91007	5498	12718	91008	5561	12619	91009	5715	12573
91010	5871	12449	91011	5996	12402	91012	6186	12416
91013	6376	12451	91014	6467	12698	91015	6647	12838
91016	6856	12913	91017	6971	12937	91018	7230	13126
91019	7411	13053	91020	7499	12791	91021	7614	12576
91022	7673	12385	91023	7657	12083	91024	7654	11957
91025	7786	11907	91026	7892	11770	91027	7910	11595
91028	7679	11529						

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 8 NOV 1977
UTM EAST = X+490000: UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
210	8307	12307	102	359	7649	12530	65	310	8280	12585	96
311	8659	12832	113	312	9218	12875	65	410	8134	13111	102
411	8668	13319	102	412	9123	13413	96	413	9735	13419	93
505	5374	13245	63	506	6079	13046	94	557	6501	13040	87
558	6964	13086	85	509	7427	13212	95	510	8036	13501	105
511	8643	13734	117	512	9112	13788	137	514	10025	14012	92
605	5485	13871	117	607	6539	13575	105	608	7020	13527	107
609	7521	13619	104	610	8027	13919	119	661	8563	14093	130
612	8945	14295	140	613	9459	14372	133	615	10406	14630	92
705	5542	14410	123	756	6114	14363	120	707	6479	14120	129
708	6897	14221	134	710	7892	14477	142	711	8419	14580	146
805	5461	14770	137	807	6439	14718	154	808	6868	14718	150
809	7433	14829	144	810	7873	14878	152	811	8297	14974	155
812	8824	15132	159	813	9428	15353	164	815	10387	15529	128
905	5475	15481	177	906	5972	15317	171	907	6449	15333	159
908	6883	15270	167	909	7396	15262	158	910	7786	15388	169
911	8335	15423	165	912	8882	15627	179	914	9836	15989	175
916	10858	16096	96	1005	5366	16059	184	1006	5976	15983	175
1007	6436	16005	174	1008	6769	15912	174	1009	7311	15956	177
1010	7767	15902	184	1110	7788	16527	202	1011	8355	16048	186
1013	9303	16328	193	1105	5393	16566	208	1108	6780	16504	190
1112	8804	16722	201	1114	9761	16962	190	1202	3690	16924	171
1203	4247	16956	194	1204	4689	16967	201	1205	5301	17006	215
1207	6332	16948	199	1209	7266	16917	205	1211	8237	17103	213
1303	4267	17514	189	1304	4748	17493	205	1306	5816	17526	239
1308	6773	17462	224	1310	7662	17580	221	1312	8702	17672	220
1314	9630	17968	212	1352	3772	17232	164	1404	4877	17937	223
1405	5260	17951	233	1407	6186	17921	245	1409	7163	17992	231
1411	8138	18012	230	1506	5724	18398	246	1508	6704	18473	248
1510	7659	18476	243	1512	8633	18614	232	1514	9528	18990	220
1607	6175	18900	249	1609	7111	18951	254	1706	5637	19363	262
1708	6610	19437	249	1710	7559	19502	269	1712	8546	19691	244
1807	6010	19801	273	1809	6984	19826	256	1859	7434	19986	264
1904	4518	20315	291	1906	5536	20322	292	1908	6498	20305	260
1910	7498	20472	274	1912	8426	20693	272	2007	5930	20774	290
2009	6941	20924	281	2103	3976	21276	315	2104	4416	21255	319
2106	5397	21165	302	2108	6375	21316	306	2110	7358	21548	292
2112	8326	21808	284	2162	8455	21456	285	2203	3835	21659	319
2207	5749	21793	333	2302	3256	22272	315	2303	3722	22282	315
2304	4219	22225	324	2306	5168	22169	341	2308	6286	22242	318
2312	8135	22659	316	2403	3517	22883	313	2407	5647	22740	365
2409	6648	22936	376	2503	3494	23372	310	2504	4028	23324	335
2506	5035	23239	363	2508	6072	23285	388	2510	7132	23530	393
2512	8199	23837	355	2605	4414	23822	357	2607	5424	23722	382
2609	6476	23902	406	2611	7579	24170	375	2705	4397	24308	362
2706	4961	24308	367	2707	5427	24272	384	2708	5954	24328	404
2709	6466	24368	405	2710	6967	24519	394	2711	7478	24653	385
2712	8029	24721	372	2804	3969	24988	476	2805	4540	24775	431

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 8 NOV 1977
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
2806	4983	24790	417	2807	5446	24725	418	2808	5965	24735	412
2809	6450	24789	406	2810	6911	24851	404	2811	7516	25131	393
2905	4439	25402	479	2907	5436	25182	455	2909	6383	25317	432
2911	7276	25576	416	3004	3975	25867	471	3006	4922	25868	475
3058	5894	25489	455	3008	5902	25766	460	3010	6806	25956	485
3012	7705	26262	532	3014	8825	26452	537	3105	4349	26387	477
3107	5353	26394	478	3109	6224	26385	483	3111	7065	26656	524
3113	8169	26793	532	3204	3838	27019	512	3206	4699	26920	489
3208	5789	26999	479	3210	6707	27101	502	3212	7754	27372	523
3214	8652	27442	532	3305	4274	27629	505	3307	5154	27521	479
3309	6030	27702	498	3311	6979	27812	504	3313	8047	27936	524
3404	3735	28011	527	3406	4706	28020	506	3408	5501	28105	502
3410	6568	28207	518	3555	4160	28234	528	3507	5116	28576	510
3559	6187	28629	525	3511	6910	28732	540	3513	7818	28901	530
3563	8025	28985	528	3606	4558	29042	521	3608	5498	29093	520
3610	6370	29190	539	3612	7290	29207	556	3705	4042	29553	527
3706	4576	29474	524	3707	4977	29645	523	3802	2395	30151	560
3804	3492	29986	537	3854	3086	30183	538	3806	4624	30099	527
3807	4801	30026	525	3808	5413	30068	529	3810	6327	30160	551
4010	6194	31194	555								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91101	4868	13733	91102	4956	13635	91103	5201	13626
91104	5287	13366	91105	5356	13122	91106	5457	12905
91107	5637	12663	91108	5785	12684	91109	5985	12661
91110	6197	12748	91111	6380	12906	91112	6620	12952
91113	6919	12959	91114	7149	12884	91115	7368	12787
91116	7503	12549	91117	7563	12351	91118	7687	12189
91119	7734	11961	91120	7882	11917	91121	7994	11765
91122	7934	11595	91123	7760	11554			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 28 FEB 1978
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
210	8294	12286	100	310	8265	12538	97	311	8660	12812	111
312	9224	12870	67	410	8109	13122	102	411	8660	13280	103
412	9123	13404	99	413	9738	13409	92	510	7883	13118	110
511	8597	13623	111	512	9113	13777	135	514	10026	14010	97
605	5430	13790	112	656	5933	13404	119	607	6364	13029	105
608	6854	12976	102	609	7354	13093	91	610	7890	13496	99
611	8483	13872	116	612	8922	14235	136	613	9460	14366	133
615	10403	14633	91	705	5535	14351	119	756	6054	14034	97
710	7776	14034	125	711	8323	14244	131	712	8884	14716	153
714	9876	14954	149	805	5457	14736	140	856	5917	14552	120
807	6347	14323	137	808	6781	14286	149	809	7348	14403	135
810	7776	14456	143	811	8207	14599	152	812	8778	14954	153
813	9428	15336	162	815	10389	15529	129	905	5476	15459	175
906	5961	15163	166	907	6414	15034	156	908	6821	14901	159
909	7329	14873	144	910	7715	15001	154	911	8260	15070	154
914	9838	15986	175	916	10857	16096	96	1005	5371	16044	188
1006	5985	15856	176	1007	6423	15749	172	1008	6737	15606	176
1009	7272	15612	167	1010	7715	15534	172	1011	8310	15702	178
1013	9302	16269	190	1065	10296	16705	159	1153	4295	16512	188
1154	4902	16509	196	1105	5395	16539	209	1108	6769	16225	184
1110	7765	16188	195	1112	8797	16500	195	1114	9765	16956	190
1202	3658	16913	174	1203	4221	16944	198	1204	4666	16954	206
1205	5292	16972	219	1207	6346	16731	191	1209	7265	16624	197
1211	8248	16800	208	1352	3740	17219	165	1303	4238	17505	188
1304	4722	17478	205	1306	5818	17404	238	1308	6799	17206	209
1310	7690	17291	217	1312	8723	17449	213	1314	9634	17956	214
1404	4859	17909	221	1405	5249	17895	229	1407	6227	17724	243
1409	7208	17725	224	1411	8178	17731	225	1506	5759	18261	245
1508	6761	18236	245	1510	7716	18207	235	1512	8670	18422	232
1514	9532	18980	221	1607	6236	18695	250	1609	7177	18705	249
1704	4611	19314	258	1706	5700	19188	261	1708	6678	19215	251
1710	7621	19222	267	1712	8584	19536	242	1714	9432	19975	245
1807	6087	19594	265	1809	7054	19601	257	1859	7505	19760	269
1904	4536	20273	291	1906	5614	20125	293	1908	6579	20084	252
1910	7569	20258	271	1912	8464	20580	269	2007	6018	20554	280
2009	7023	20700	276	2103	3978	21264	315	2104	4433	21175	316
2106	5502	21002	311	2108	6461	21088	301	2110	7430	21359	293
2162	8477	21400	285	2112	8348	21750	286	2203	3836	21652	320
2207	5818	21560	330	2259	6981	21627	299	2302	3254	22270	317
2303	3716	22274	319	2304	4213	22167	330	2306	5197	21949	340
2308	6359	22011	308	2360	7187	22244	300	2312	8157	22576	314
2403	3504	22879	317	2407	5666	22481	356	2409	6682	22685	366
2503	3484	23369	313	2504	4009	23301	340	2506	4997	23026	368
2508	6071	23021	384	2510	7165	23320	391	2512	8203	23830	354
2605	4383	23741	365	2607	5379	23486	386	2609	6476	23647	410
2611	7611	24068	378	2705	4381	24218	367	2706	4928	24108	365
2707	5392	24034	383	2708	5936	24064	406	2709	6476	24108	411
2710	7003	24313	398	2711	7502	24542	384	2712	8031	24716	375

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 28 FEB 1978
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
2804	3970	24969	479	2805	4552	24611	397	2806	4977	24570	394
2807	5439	24469	400	2808	5971	24463	410	2809	6484	24524	410
2810	6956	24638	405	2811	7532	25043	395	2905	4448	25316	482
2907	5466	24910	442	2909	6435	25044	416	2911	7287	25423	403
3004	3980	25837	472	3006	4948	25691	478	3008	5947	25484	458
3058	5947	25200	446	3010	6808	25717	459	3012	7659	26199	532
3105	4358	26312	481	3107	5357	26183	484	3109	6191	26146	480
3111	6974	26517	524	3113	8116	26764	534	3204	3863	26987	513
3206	4711	26807	493	3208	5742	26804	482	3210	6601	26953	504
3305	4306	27574	506	3307	5145	27376	480	3309	5948	27545	494
3404	3771	27989	530	3406	4725	27942	506	3408	5454	27960	499
3410	6484	28069	514	3555	4192	28199	530	3507	5101	28483	511
3559	6107	28492	525	3511	6828	28602	536	3563	7944	28871	528
3606	4566	29020	525	3608	5452	28999	522	3610	6290	29063	538
3612	7208	29080	557	3705	4052	29545	531	3706	4579	29463	527
3707	4965	29617	527	3759	5892	29542	534	3761	6773	29606	559
3802	2408	30146	562	3854	3099	30180	541	3804	3497	29984	541
3806	4623	30098	532	3807	4799	30018	530	3808	5390	30027	532
3810	6261	30066	552	3909	5814	30675	546	3908	5395	30732	543
4010	6163	31164	554								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91201	4750	13644	91202	4856	13719	91203	4949	13659
91204	5102	13668	91205	5264	13535	91206	5286	13264
91207	5400	12977	91208	5622	12712	91209	5719	12663
91210	5915	12611	91211	6097	12669	91212	6257	12703
91213	6412	12678	91214	6656	12620	91215	6861	12542
91216	7071	12454	91217	7255	12402	91218	7448	12273
91219	7580	12081	91220	7696	11965	91221	7798	11945
91222	7907	11912	91223	8035	11878	91224	8060	11731
91225	7970	11599	91226	7760	11554			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 19 APR 1978
UTM EAST = X+490000; UTM NORTH =
Y+6750000 AND ALTITUDE Z IN METERS
ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
210	8291	12278	99	359	7739	12184	81	310	8264	12517	98
311	8664	12805	106	312	9227	12872	64	409	7773	12711	113
410	8080	13048	105	411	8661	13273	100	412	9126	13404	98
413	9739	13408	91	509	7147	12361	65	510	7838	13004	111
511	8586	13591	112	512	9109	13775	137	514	10028	14012	95
605	5401	13758	110	606	5853	13284	115	607	6287	12848	86
608	6802	12800	109	609	7302	12937	96	610	7844	13363	101
611	8460	13804	115	612	9002	14285	142	613	9458	14363	135
615	10403	14634	94	705	5530	14324	116	756	6029	13927	99
707	6316	13558	105	708	6728	13595	122	759	7299	13532	114
710	7734	13884	120	711	8290	14119	126	712	8872	14674	155
714	9874	14954	153	805	5452	14721	137	856	5904	14471	114
807	6308	14187	125	808	6743	14137	147	809	7314	14249	134
810	7738	14303	140	811	8173	14456	149	812	8761	14883	157
813	9425	15331	167	815	10389	15529	130	905	5476	15447	173
906	5951	15094	166	907	6391	14912	164	908	6792	14760	162
909	7300	14725	149	910	7683	14851	155	911	8229	14930	156
912	8828	15365	173	914	9837	15984	178	916	10857	16097	97
1005	5372	16035	187	1006	5985	15795	174	1007	6410	15639	171
1008	6717	15477	176	1009	7254	15470	169	1010	7692	15387	168
1011	8287	15559	173	1065	10294	16706	160	1153	4282	16502	186
1154	4898	16506	195	1105	5395	16522	208	1108	6758	16104	182
1110	7750	16042	196	1112	8792	16398	195	1113	9298	16242	191
1114	9764	16954	190	1202	3639	16906	172	1203	4205	16936	199
1204	4650	16944	206	1205	5285	16952	220	1207	6349	16632	190
1209	7261	16491	196	1211	8249	16663	207	1303	4221	17501	185
1352	3724	17212	164	1372	3686	17394	170	1304	4708	17466	206
1306	5816	17343	233	1308	6804	17087	201	1310	7697	17158	214
1312	8729	17344	213	1314	9638	17950	211	1404	4848	17892	217
1405	5242	17862	225	1407	6244	17625	241	1409	7225	17598	220
1506	5774	18189	245	1508	6787	18117	245	1510	7739	18079	229
1512	8687	18328	231	1514	9533	18975	221	1607	6265	18592	245
1609	7207	18582	242	1704	4612	19305	257	1706	5729	19097	256
1708	6711	19099	252	1710	7656	19096	262	1712	8602	19458	242
1714	9431	19971	246	1807	6123	19486	259	1809	7089	19482	259
1859	7540	19641	272	1904	4544	20247	288	1906	5655	20016	286
1908	6618	19968	250	1910	7604	20147	270	1912	8484	20522	266
2007	6069	20433	272	2009	7066	20581	270	2103	3978	21253	314
2104	4441	21124	312	2106	5489	20811	299	2108	6508	20964	292
2110	7466	21259	291	2162	8489	21367	285	2112	8360	21719	284
2203	3835	21644	318	2259	7019	21514	297	2303	3713	22270	319
2304	4212	22133	326	2306	5217	21829	337	2308	6405	21889	303
2360	7215	22137	294	2312	8172	22532	311	2403	3498	22877	316
2407	5684	22344	350	2409	6708	22549	349	2504	4000	23292	339
2506	4982	22908	363	2508	6078	22879	376	2605	4372	23700	364
2607	5360	23363	384	2609	6478	23514	407	2611	7626	24017	380
2706	4911	24010	363	2707	5374	23913	382	2708	5924	23929	408
2709	6481	23974	410	2710	7023	24211	398	2711	7514	24486	385

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 19 APR 1978
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
2712	8034	24715	376	2804	3973	24962	481	2805	4555	24540	385
2806	4975	24461	382	2807	5431	24344	390	2808	5970	24324	409
2810	6984	24531	404	2811	7541	24999	397	2905	4453	25269	484
2907	5473	24769	428	2909	6461	24904	410	2911	7295	25348	401
3004	3983	25820	472	3006	4966	25593	476	3008	5973	25331	452
3010	6822	25595	442	3012	7632	26161	529	3105	4362	26268	478
3107	5362	26066	483	3109	6187	26009	475	3111	6927	26433	523
3204	3874	26965	512	3206	4714	26743	494	3305	4320	27538	504
3307	5141	27295	480	3404	3787	27974	531	3406	4731	27897	502
3408	5426	27881	493	3410	6436	27994	509	3555	4206	28179	529
3507	5090	28429	508	3559	6061	28417	520	3511	6778	28529	533
3606	4572	29007	524	3608	5428	28945	521	3610	6243	28994	536
3612	7160	29011	553	3706	4584	29457	527	3707	4961	29600	526
3759	5858	29487	529	3761	6724	29538	555	3854	3104	30176	539
3806	4624	30094	532	3807	4800	30012	528	3808	5379	30002	529
3810	6226	30013	548	3908	5391	30724	539	3909	5799	30653	545
4010	6146	31146	553								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91501	4889	13933	91502	4848	13752	91503	4932	13649
91504	5015	13718	91505	5069	13707	91506	5148	13586
91507	5191	13566	91508	5282	13502	91509	5296	13441
91510	5246	13321	91511	5300	13178	91512	5355	12982
91513	5463	12907	91514	5576	12800	91515	5606	12710
91516	5606	12646	91517	5656	12605	91518	5790	12669
91519	5901	12594	91520	5966	12588	91521	6046	12607
91522	6203	12609	91523	6352	12567	91524	6633	12498
91525	6896	12348	91526	7077	12283	91527	7291	12229
91528	7529	12107	91529	7680	11935	91530	7868	11911
91531	8036	11890	91532	8064	11810	91533	8011	11669
91534	7967	11596	91535	7760	11555			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 11 JUN 1978
UTM EAST = X+490000; UTM NORTH =
Y+6750000 AND ALTITUDE Z IN METERS
ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
210	8301	12255	103	359	7712	12093	94	310	8281	12473	99
311	8678	12778	106	312	9237	12864	61	409	7738	12573	114
411	8670	13241	99	412	9134	13391	96	413	9749	13393	85
510	7798	12868	112	511	8590	13512	111	512	9123	13758	132
514	10036	14007	97	605	5349	13706	105	606	5734	13126	97
607	6196	12618	84	608	6744	12530	89	609	7260	12731	73
610	7791	13209	109	611	8437	13707	114	612	9011	14240	139
613	9466	14349	132	615	10405	14631	94	706	6000	13826	107
707	6261	13411	119	708	6688	13420	121	759	7248	13349	111
710	7692	13705	121	712	8865	14600	151	713	9885	14945	148
807	6268	14030	115	808	6697	13962	148	809	7273	14068	136
810	7700	14120	140	811	8135	14283	147	813	9428	15311	164
815	10399	15522	129	905	5481	15418	171	906	5928	14993	162
907	6361	14752	173	908	6763	14587	166	909	7268	14549	150
910	7649	14671	156	911	8197	14756	160	912	8813	15264	171
914	9842	15979	175	916	10860	16094	96	1006	5990	15697	172
1007	6394	15501	170	1008	6694	15320	180	1009	7231	15297	172
1010	7665	15210	166	1011	8265	15384	169	1013	9299	16166	183
1108	6744	15953	181	1110	7733	15864	194	1153	4256	16481	188
1154	4891	16496	193	1114	9768	16949	191	1202	3603	16890	176
1204	4640	16949	204	1302	3691	17197	171	1372	3657	17382	175
1303	4188	17486	185	1306	5818	17259	229	1308	6811	16940	194
1310	7706	16990	215	1312	8734	17211	205	1314	9641	17946	213
1407	6267	17494	240	1508	6820	17968	242	1105	5392	16495	207
1112	8756	16417	194	1207	6353	16503	190	1209	7253	16329	196
1211	8252	16492	205	1404	4805	17853	211	1405	5242	17806	213
1409	7245	17440	217	1510	7766	17910	230	1512	8721	18184	226
1514	9534	18968	222	1607	6295	18459	247	1609	7243	18426	241
1704	4607	19279	253	1706	5770	18982	253	1708	6754	18953	253
1710	7701	18937	259	1714	9438	19968	248	1807	6175	19361	256
1859	7561	19487	276	1906	5711	19887	287	1908	6669	19831	250
1910	7655	20006	273	1912	8517	20442	265	2007	6134	20288	272
2009	7117	20433	268	2162	8513	21326	289	2103	3980	21241	313
2104	4485	20966	298	2105	5611	20734	294	2108	6562	20815	287
2112	8378	21678	288	2203	3833	21640	322	2207	5926	21242	322
2259	7083	21355	294	2306	5248	21678	336	2302	3252	22270	319
2303	3712	22267	322	2304	4212	22072	324	2403	3496	22877	316
2407	5702	22154	347	2503	3475	23368	315	2504	3990	23273	343
2506	4980	22765	358	2605	4338	23643	360	2607	5331	23199	381
2609	6523	23373	400	2611	7649	23949	379	2706	4886	23887	360
2707	5343	23750	378	2708	5904	23754	404	2709	6486	23799	406
2710	7054	24080	397	2360	7248	22012	295	2312	8189	22482	307
2409	6715	22391	329	2508	6093	22695	366	2510	7210	23069	376
2705	4399	24169	356	2711	7533	24413	383	2804	3971	24949	480
2805	4556	24450	373	2806	4971	24325	370	2807	5411	24183	382
2808	5958	24145	403	2809	6513	24219	413	2810	7008	24399	403
2811	7552	24920	395	2905	4464	25211	482	2907	5476	24599	409
2909	6495	24732	407	2911	7311	25260	400	3004	3983	25804	471

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 11 JUN 1978
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
3006	4986	25460	474	3008	6011	25143	440	3058	6002	24862	422
3010	6850	25448	422	3012	7606	26114	526	3105	4368	26219	482
3107	5382	25919	483	3109	6206	25834	468	3111	6893	26316	517
3113	8075	26731	539	3204	3890	26944	509	3206	4721	26667	492
3208	5713	26561	480	3305	4340	27498	501	3307	5152	27195	477
3309	5862	27352	489	3404	3813	27955	528	3406	4743	27834	499
3408	5408	27777	492	3410	6383	27901	509	3555	4232	28147	525
3507	5080	28358	507	3559	6015	28325	518	3559	6015	28325	518
3511	6727	28442	532	3563	7842	28735	528	3606	4581	28988	523
3608	5401	28876	519	3610	6194	28908	535	3612	7110	28926	552
3705	4078	29541	528	3706	4584	29447	529	3707	4951	29580	524
3759	5822	29420	531	3761	6671	29455	554	3802	2425	30137	562
3854	3090	30178	541	3806	4627	30094	534	3808	5364	29974	531
3810	6184	29949	549	3908	5384	30715	539	3909	5780	30627	545
4010	6125	31124	553	4516	10746	27995	567	4517	11414	27374	573
4518	11794	26922	551	4615	10648	28997	573	4616	11109	28374	566
4617	11807	27890	565	4618	12154	27170	546	4619	12299	26480	490
4715	11431	29451	604	4716	11671	29025	581	4719	13262	27144	536
4815	11955	29790	606	4816	12122	29215	597	4817	12695	28572	595
4819	13676	27663	555	4916	12846	29888	610	4917	13471	29424	586
4918	13890	28589	586	5015	13051	31119	617	5016	13355	30343	616
5017	13899	29867	606	5116	13981	30842	617	5117	14526	30258	608
5118	15163	29412	561	5215	14295	31643	632	5216	14641	31301	628
5217	15178	30869	622	5315	14806	32290	637	5316	15283	31802	631
5317	15634	31441	634	6101	13438	37205	778	6003	15659	36834	733
6002	14542	36543	706	6102	14362	37368	786	6103	14978	37797	778
6113	15426	37600	759	6104	16566	37769	737	6201	13479	38546	810
6202	14030	38615	823	6203	15261	38685	791	6204	16192	38975	781
6301	13545	39650	857	6302	14157	39893	864	6303	15398	39831	873
6304	16237	40041	884	6401	13733	40941	929	6402	14391	40817	915
6403	15348	41015	932	6404	16295	40827	918	6501	13666	42021	944
6502	14528	41899	932	6503	15606	41911	967	6504	16601	41663	983
6602	14816	42686	975	6603	16273	42647	992	6604	17157	42673	997
6701	13877	43121	1011	6702	14996	43313	999	6703	16325	43274	1021
6704	17461	43393	1044	6801	14543	44700	1120	6802	15395	44570	1093
6803	16636	44240	1086	6902	15685	45698	1102	6903	16670	45348	1094
6904	17872	45090	1105	7001	14858	46964	1155	7002	15889	46655	1158
7003	17189	46137	1133	7004	18398	45902	1160	7104	18953	46281	1263
7102	16211	47185	1262	7103	17729	46710	1251	7201	15745	48081	1323
7202	16549	47772	1361	7203	18091	47358	1384	7204	19156	47022	1369
7301	16713	48893	1326	7302	17737	48528	1393	7303	18628	48147	1417
7304	19338	47982	1416	7401	17248	49839	1499	7402	18283	49567	1480
7403	19162	49112	1468	7404	19705	48950	1462				

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 11 JUN 1978
UTM EAST = X+490000: UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91401	4930	13649	91402	4994	13704	91403	5048	13709
91404	5087	13597	91405	5149	13559	91406	5261	13503
91407	5233	13277	91408	5387	12979	91409	5609	12753
91410	5600	12596	91411	5925	12553	91412	6153	12493
91413	6491	12362	91414	6755	12247	91415	6815	12304
91416	7039	12238	91417	7097	12305	91418	7144	12309
91419	7199	12237	91420	7244	12118	91421	7423	12067
91422	7674	11881	91423	7815	11913	91424	7902	11878
91425	8023	11899	91426	8071	11794	91427	8019	11679
91428	7946	11585	91429	7765	11555			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 30 JUL 1978
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
210	8304	12227	96	309	7664	12414	82	310	8286	12430	92
311	8691	12747	101	312	9252	12852	51	411	8678	13212	93
412	9138	13379	93	413	9753	13380	80	510	7754	12730	107
511	8584	13464	109	512	9127	13740	128	514	10040	14004	92
605	5299	13665	99	606	5614	13007	74	610	7752	13071	105
611	8417	13626	111	613	9470	14334	127	615	10408	14629	89
706	5961	13723	112	707	6207	13280	124	708	6646	13270	120
759	7207	13196	106	710	7656	13558	112	712	8854	14539	150
714	9888	14940	145	807	6235	13907	106	808	6657	13818	135
809	7239	13920	131	810	7667	13971	130	811	8103	14145	137
813	9429	15290	161	815	10400	15520	127	905	5477	15395	166
906	5908	14911	151	907	6329	14620	169	908	6734	14444	164
909	7239	14403	144	910	7620	14527	148	911	8168	14619	157
912	8799	15176	168	914	9846	15973	171	916	10865	16093	90
1055	5438	15924	177	1006	5987	15631	166	1007	6381	15394	164
1008	6675	15196	173	1009	7213	15161	166	1010	7641	15070	159
1011	8243	15249	163	1013	9302	16123	178	1153	4236	16467	185
1154	4884	16493	190	1105	5391	16472	201	1108	6732	15837	178
1110	7717	15725	186	1112	8753	16307	191	1114	9773	16941	186
1253	4107	16985	197	1204	4619	16937	203	1255	5273	16870	215
1207	6351	16405	185	1209	7243	16203	192	1211	8249	16358	200
1372	3631	17374	155	1302	3662	17186	152	1303	4162	17479	178
1354	4737	17463	203	1306	5815	17196	219	1308	6812	16827	190
1310	7707	16861	211	1312	8742	17100	200	1314	9646	17934	210
1404	4788	17835	205	1405	5229	17770	204	1407	6280	17395	230
1409	7254	17318	213	1461	8290	17315	216	1556	5870	18028	244
1508	6840	17854	235	1510	7783	17782	222	1512	8738	18084	222
1514	9537	18957	218	1607	6319	18358	244	1609	7269	18307	234
1704	4611	19267	252	1706	5799	18892	250	1708	6785	18841	251
1710	7733	18813	248	1762	8586	19248	237	1714	9444	19961	243
1807	6210	19257	252	1869	7179	19238	260	1906	5751	19783	278
1908	6708	19720	250	1910	7693	19896	271	1912	8541	20382	258
1954	4570	20068	287	2007	6186	20173	263	2009	7159	20319	262
2103	3983	21224	312	2104	4501	20904	294	2106	5658	20620	283
2108	6610	20696	276	2110	7548	21030	280	2162	8531	21294	283
2112	8395	21647	284	2203	3834	21630	317	2207	5974	21120	309
2259	7130	21248	287	2302	3252	22271	314	2303	3711	22262	318
2304	4217	22039	320	2306	5277	21555	329	2358	6350	21568	310
2360	7277	21917	291	2312	8204	22443	299	2407	5734	22022	338
2409	6750	22265	306	2506	4975	22642	352	2508	6113	22555	347
2510	7235	22960	360	2562	8258	23673	353	2607	5315	23067	376
2609	6530	23239	388	2611	7667	23901	377	2707	5319	23625	376
2708	5887	23620	392	2709	6486	23664	403	2710	7072	23981	391
2711	7545	24360	377	2762	8062	24733	372	2807	5391	24060	376
2808	5946	24008	404	2809	6517	24082	406	2804	3975	24938	480
2805	4555	24373	361	2806	4958	24215	362	2810	7026	24295	396
2811	7560	24877	392	2905	4476	25153	479	2907	5470	24464	397
2909	6514	24593	399	2911	7322	25187	396	3004	3993	25788	470

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 30 JUL 1978
UTM EAST = X+490000; UTM NORTH =
Y+6750000 AND ALTITUDE Z IN METERS
ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
3006	5011	25345	466	3058	6018	24713	412	3008	6036	24990	428
3010	6869	25328	405	3012	7582	26062	516	3105	4374	26179	479
3107	5400	25794	477	3109	6226	25685	456	3111	6857	26214	488
3204	3906	26925	507	3206	4726	26605	485	3208	5707	26446	475
3260	6477	26711	498	3305	4359	27461	500	3307	5149	27113	476
3309	5833	27263	485	3361	6593	27485	492	3404	3833	27940	525
3406	4757	27783	495	3408	5393	27694	490	3410	6342	27825	502
3462	7245	28006	512	3555	4252	28123	524	3579	5796	28237	508
3559	5976	28249	514	3511	6686	28371	527	3563	7802	28674	525
3606	4584	28968	520	3608	5382	28819	515	3610	6154	28839	529
3612	7070	28859	547	3761	6629	29390	549	3759	5794	29365	525
3802	2435	30135	561	3854	3091	30176	538	3807	4798	30000	525
3808	5349	29946	526	3810	6148	29893	546	3908	5377	30703	537
3909	5762	30600	541	4010	6104	31101	552	4516	10727	27981	563
4517	11415	27362	570	4518	11807	26906	542	4615	10611	28964	571
4616	11089	28355	567	4617	11807	27872	564	4618	12153	27152	543
4715	11403	29417	605	4815	11923	29757	609	4816	12109	29189	592
6002	14522	36442	694	6003	15668	36720	727	6101	13436	37179	773
6102	14389	37250	773	6103	15030	37666	769	6104	16591	37714	735
6201	13476	38505	810	6202	14053	38484	817	6203	15313	38547	772
6204	16217	38906	765	6302	14152	39737	851	6303	15396	39694	868
6304	16232	40013	882	6401	13735	40848	926	6402	14373	40663	910
6403	15317	40881	924	6404	16286	40783	916	6501	13673	41985	943
6502	14491	41773	923	6503	15555	41786	961	6504	16585	41633	982
6601	13877	43061	1000	6602	14777	42553	971	6603	16232	42537	989
6604	17146	42651	995	6701	13878	43061	1000	6702	14971	43175	992
6703	16294	43148	1005	6704	17450	43364	1041	6801	14580	44634	1121
6802	15404	44455	1087	6803	16608	44139	1083	6902	15702	45633	1105
6903	16655	45275	1094	7001	14867	46905	1155	7002	15874	46561	1147
7003	17150	46052	1128	7004	18371	45854	1159	7102	16148	47071	1203
7103	17656	46611	1224	7104	18930	46219	1249	7201	15674	48054	1324
7202	16461	47726	1359	7203	18038	47273	1388	7301	16658	48867	1326
7302	17659	48436	1386	7303	18576	48048	1414	7304	19332	47947	1414
7401	17222	49759	1493	7402	18254	49434	1486	7403	19149	49010	1465
7404	19703	48924	1465								

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 30 JUL 1978
UTM EAST = X+490000; UTM NORTH =
Y+6750000 AND ALTITUDE Z IN METERS
ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91601	4843	13730	91602	4931	13652	91603	5016	13721
91604	5031	13711	91605	5018	13613	91606	5092	13549
91607	5250	13551	91608	5275	13471	91609	5268	13320
91610	5282	13211	91611	5366	13091	91612	5489	12942
91613	5606	12789	91614	5660	12616	91615	5744	12640
91616	5841	12590	91617	5945	12472	91618	5978	12420
91619	6074	12467	91620	6204	12459	91621	6311	12427
91622	6492	12433	91623	6618	12370	91624	6691	12341
91625	6731	12293	91626	6861	12345	91627	7053	12547
91628	7184	12668	91629	7412	12578	91630	7574	12461
91631	7687	12306	91632	7750	12146	91633	7700	11898
91634	8033	11906	91635	8108	11831	91636	8106	11754
91637	8042	11709	91638	7999	11605	91639	7787	11553

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 26 AUG 1978
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
107	6184	12655	99	108	6728	12482	76	210	8298	12214	89
310	8279	12404	94	311	8698	12727	98	312	9260	12850	45
411	8681	13196	91	412	9140	13372	93	413	9755	13374	76
511	8581	13433	108	512	9130	13730	127	514	10041	14002	88
605	5268	13637	91	606	5544	12940	65	610	7729	12965	98
611	8405	13575	108	662	8981	14210	141	613	9474	14328	124
615	10409	14628	86	755	5482	14074	103	706	5937	13660	115
707	6174	13181	123	708	6626	13164	116	759	7189	13085	97
710	7635	13462	107	712	8850	14506	148	714	9889	14938	142
855	5408	14768	135	856	5835	14119	102	807	6218	13832	100
808	6636	13725	125	809	7221	13824	123	810	7649	13881	124
811	8085	14064	132	812	8678	14720	151	813	9431	15282	158
815	10402	15520	122	905	5475	15385	165	906	5898	14867	145
907	6312	14541	162	908	6718	14356	158	909	7223	14314	139
910	7604	14443	144	911	8153	14542	155	912	8792	15133	164
914	9848	15970	168	916	10865	16092	89	1005	5441	15914	175
1006	5986	15596	167	1007	6376	15336	162	1008	6664	15127	169
1009	7201	15086	161	1010	7628	14994	154	1011	8230	15178	158
1063	9236	16322	188	1065	10280	16665	156	1153	4232	16462	184
1154	4885	16493	187	1105	5393	16462	196	1108	6726	15777	174
1110	7707	15653	179	1112	8754	16253	190	1114	9777	16938	185
1202	3559	16877	146	1203	4099	16983	196	1204	4615	16934	200
1205	5274	16862	213	1207	6353	16357	182	1209	7240	16137	185
1211	8250	16292	196	1302	3651	17181	144	1372	3625	17372	148
1303	4154	17479	176	1304	4732	17459	204	1306	5819	17170	220
1308	6815	16773	188	1310	7710	16796	211	1312	8749	17046	200
1314	9648	17928	207	1404	4784	17828	203	1405	5226	17754	202
1407	6287	17347	225	1409	7259	17259	211	1411	8296	17253	214
1506	5879	17993	242	1508	6852	17800	232	1512	8268	17878	222
1514	9538	18954	215	1607	6333	18312	243	1609	7282	18249	234
1704	4614	19261	248	1706	5813	18852	247	1708	6802	18788	250
1710	7749	18756	244	1712	8598	19206	235	1714	9444	19958	242
1807	6227	19210	247	1809	7197	19184	258	1859	7615	19312	267
1904	4578	20053	287	1906	5771	19736	272	1908	6728	19669	248
1910	7711	19845	269	1912	8550	20354	257	2009	7180	20267	259
2103	3984	21219	308	2104	4510	20877	294	2106	5682	20571	280
2108	6634	20641	272	2110	7566	20986	277	2112	8400	21632	283
2162	8538	21279	281	2207	5999	21064	304	2259	7151	21199	284
2302	3251	22271	316	2303	3711	22259	318	2304	4218	22017	321
2306	5294	21500	327	2308	6373	21513	307	2360	7291	21876	291
2312	8208	22425	296	2403	3532	22859	315	2407	5750	21959	335
2409	6766	22208	300	2504	3976	23249	334	2506	4974	22585	345
2508	6123	22490	337	2510	7240	22905	355	2512	8259	23672	351
2605	4311	23573	347	2607	5310	23005	371	2609	6536	23165	384
2611	7676	23880	374	2755	4382	24051	348	2706	4855	23741	353
2707	5308	23563	367	2708	5879	23551	386	2709	6487	23600	396
2710	7081	23931	388	2712	8064	24733	368	2804	3977	24935	475
2805	4553	24339	355	2806	4952	24164	356	2807	5382	24002	372

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 26 AUG 1978
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
2808	5940	23944	396	2809	6520	24018	401	2810	7035	24248	393
2811	7565	24856	390	2905	4485	25129	475	2907	5466	24403	387
2909	6523	24528	395	2911	7329	25154	396	2973	8332	25955	532
3004	3997	25782	473	3006	5021	25291	462	3008	6049	24919	418
3058	5954	24604	406	3010	6879	25273	404	3012	7574	26038	507
3105	4380	26161	480	3107	5411	25735	474	3109	6237	25615	454
3111	6845	26159	495	3163	7945	26615	535	3204	3916	26916	507
3206	4731	26577	485	3208	5704	26391	474	3260	6459	26666	497
3261	6570	27449	489	3272	7274	27059	521	3305	4370	27445	499
3307	5150	27075	475	3309	5823	27221	485	3373	7669	27729	516
3404	3846	27932	526	3406	4764	27761	494	3408	5389	27657	486
3410	6325	27789	498	3412	7224	27975	506	3555	4263	28111	523
3507	5139	28500	509	3509	5785	28201	506	3559	5964	28212	511
3563	7785	28643	521	3606	4587	28960	519	3608	5378	28794	513
3511	6671	28338	519	3612	7056	28826	542	3705	3980	29655	529
3756	4471	29488	526	3757	4902	29591	522	3759	5784	29338	525
3761	6614	29359	545								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91701	4851	13721	91702	4932	13650	91703	4993	13729
91704	5023	13701	91705	5006	13594	91706	5062	13553
91707	5129	13583	91708	5240	13553	91709	5276	13502
91710	5292	13263	91711	5385	13055	91712	5515	12884
91713	5585	12821	91714	5628	12716	91715	5639	12588
91716	5718	12615	91717	5818	12583	91718	5847	12504
91719	5931	12454	91720	6037	12472	91721	6123	12426
91722	6371	12496	91723	6495	12484	91724	6652	12394
91725	6814	12302	91726	6992	12525	91727	7302	12747
91728	7616	12741	91729	7804	12640	91730	7964	12439
91731	7946	12310	91732	7852	12124	91733	7866	11999
91734	7852	11935	91735	7985	11953	91736	8086	11908
91737	8126	11850	91738	8110	11755	91739	8050	11717
91740	8000	11607	91741	7780	11552	91742	7967	11525
91743	8334	11581	91744	8550	11716	91745	8608	11839
91746	8590	11882	91747	8628	11912	91748	8539	11988
91749	8676	12067	91750	8550	12191	91751	8565	12373
91752	8705	12481	91753	8823	12499	91754	8951	12410
91755	8975	12423	91756	8987	12529	91757	8989	12627
91758	9119	12685	91759	9280	12692	91760	9363	12757
91761	9379	12812	91762	9353	12924	91763	9375	12948
91764	9371	12965	91765	9404	12983	91766	9331	13092
91767	9234	13154	91768	9238	13263	91769	9335	13356
91770	9431	13346	91771	9497	13298	91772	9600	13236
91773	9691	13213	91774	9815	13265	91775	9841	13224

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 26 AUG 1978
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91776	9915	13223	91777	10075	13356	91778	10163	13546
91779	10214	13539	91780	10317	13627	91781	10397	13692

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 8 NOV 1978
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
311	8709	12647	87	312	9278	12841	39	411	8677	13127	83
462	9079	13191	90	412	9147	13355	86	413	9763	13359	68
511	8562	13305	97	512	9131	13710	122	514	10040	14002	88
611	8342	13338	95	662	8969	14150	129	613	9472	14313	124
755	5455	14030	102	706	5842	13468	123	757	6092	12969	104
708	6591	12685	89	710	7586	13056	82	712	8819	14386	138
714	9888	14935	141	855	5394	14742	135	856	5812	13981	106
807	6171	13587	105	808	6581	13390	104	809	7165	13445	101
810	7592	13525	99	860	7863	13370	93	811	8019	13759	107
812	8637	14548	140	813	9430	15258	156	815	10399	15518	119
905	5464	15339	166	906	5868	14731	125	907	6254	14274	127
908	6663	14048	132	909	7167	13993	119	910	7546	14132	127
911	8091	14260	134	912	8759	14987	152	914	9856	15959	166
1005	5440	15888	176	1006	5985	15487	164	1007	6356	15146	153
1008	6628	14892	155	1009	7159	14824	150	1010	7578	14721	140
1011	8184	14934	152	1013	9239	16247	183	1065	10286	16663	154
1154	4881	16489	190	1105	5395	16435	198	1108	6698	15576	168
1110	7666	15408	165	1112	8740	16080	186	1114	9779	16931	183
1202	3543	16870	142	1203	4081	16978	193	1204	4601	16924	199
1205	5271	16837	213	1207	6348	16206	175	1209	7217	15925	175
1211	8232	16075	186	1302	3637	17173	143	1372	3610	17367	144
1303	4135	17479	175	1304	4717	17451	204	1306	5821	17085	208
1308	6810	16599	184	1310	7704	16590	201	1312	8754	16885	194
1314	9653	17913	204	1404	4768	17810	204	1405	5218	17718	205
1407	6301	17203	212	1409	7266	17075	205	1411	8307	17058	209
1506	5893	17886	242	1508	6876	17632	225	1510	7811	17529	215
1514	9542	18941	211	1607	6367	18172	240	1609	7325	17954	220
1704	4615	19250	249	1706	5851	18729	248	1708	6844	18633	244
1710	7790	18582	233	1712	8629	19081	228	1714	9447	19949	240
1807	6271	19070	244	1859	7664	19146	260	1809	7244	19023	253
1904	4593	20015	288	1906	5822	19599	268	1908	6777	19520	247
1910	7759	19691	268	1912	8581	20278	252	2007	6276	19970	254
2009	7231	20118	257	2103	3984	21203	309	2104	4527	20803	295
2106	5744	20425	281	2108	6693	20490	264	2110	7611	20860	274
2162	8560	21241	276	2112	8415	21591	281	2207	6059	20909	297
2259	7205	21061	282	2302	3249	22270	316	2303	3709	22252	319
2304	4224	21973	321	2306	5335	21348	323	2308	6432	21360	303
2360	7329	21756	289	2312	8221	22378	289	2453	3525	22856	317
2407	5792	21801	326	2409	6810	22063	289	2504	3963	23232	337
2506	4975	22440	344	2508	6154	22325	324	2510	7270	22770	339
2512	8258	23669	348	2605	4286	23516	342	2607	5299	22843	365
2609	6547	22999	376	2611	7695	23822	371	2755	4367	23992	349
2706	4823	23623	354	2707	5275	23411	368	2708	5855	23383	379
2709	6485	23436	396	2710	7101	23808	384	2712	8062	24732	369
2804	3978	24921	475	2805	4542	24253	353	2806	4924	24028	350
2807	5350	23849	369	2808	5917	23774	394	2809	6520	23853	401
2810	7057	24122	386	2811	7575	24804	387	2905	4492	25056	465
2907	5446	24245	377	2909	6534	24365	398	2911	7342	25071	395

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 8 NOV 1978
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
2973	8328	25953	537	3004	3996	25760	468	3006	5046	25141	452
3008	6065	24737	407	3058	5950	24430	401	3010	6901	25131	397
3012	7547	25975	499	3105	4384	26111	477	3107	5435	25574	468
3109	6266	25433	441	3111	6821	26019	476	3163	7912	26591	538
3204	3928	26890	511	3206	4734	26501	484	3208	5697	26243	469
3260	6409	26543	492	3272	7209	26989	522	3305	4386	27402	501
3307	5146	26976	478	3309	5786	27107	480	3361	6503	27355	487
3373	7608	27665	513	3404	3865	27914	528	3406	4774	27702	493
3408	5369	27560	485	3410	6268	27695	495	3412	7159	27895	503
3555	4280	28081	526	3507	5123	28438	509	3509	5742	28110	504
3559	5916	28122	508	3511	6618	28254	516	3563	7734	28570	518
3606	4592	28942	522	3608	5353	28730	514	3610	6090	28724	528
3612	7005	28748	538	3759	5749	29278	527	3761	6564	29288	544
3755	3981	29651	531	3756	4467	29483	530	3757	4907	29575	525
3802	2454	30135	564	3856	4564	30205	526	3807	4792	29992	528
3810	6097	29812	546	3908	5370	30691	538	3909	5736	30563	543
4010	6078	31073	552								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91801	4836	13732	91802	4915	13659	91803	4968	13717
91804	5005	13686	91805	4970	13624	91806	5115	13647
91807	5249	13583	91808	5276	13485	91809	5263	13379
91810	5326	13150	91811	5366	12990	91812	5500	12857
91813	5578	12748	91814	5584	12607	91815	5708	12580
91816	5812	12472	91817	5932	12415	91818	6065	12480
91819	6210	12501	91820	6356	12471	91821	6501	12555
91822	6687	12663	91823	6721	12695	91824	7034	12805
91825	7345	12875	91826	7604	12921	91827	7794	12880
91828	7964	12689	91829	8164	12455	91830	8262	12378
91831	8288	12168	91832	8202	11874	91833	8161	11755
91834	8056	11726	91835	7984	11605	91836	7794	11566
91837	7806	11529	91838	7957	11518	91839	8328	11559
91840	8461	11624	91841	8622	11913	91842	8514	11976
91843	8535	12041	91844	8604	12062	91845	8500	12124
91846	8486	12225	91847	8534	12332	91848	8663	12475
91849	8818	12512	91850	8963	12450	91851	8941	12584
91852	9087	12688	91853	9289	12706	91854	9374	12788
91855	9349	12971	91856	9421	12989	91857	9211	13164
91858	9234	13427	91859	9375	13446	91860	9482	13390
91861	9519	13290	91862	9679	13216	91863	9708	13222
91864	9755	13276	91865	9813	13268	91866	9890	13222
91867	10070	13354	91868	10025	13406	91869	10070	13438
91870	10098	13429	91871	10130	13459	91872	10138	13525
91873	10186	13545	91874	10215	13529	91875	10240	13599

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 8 NOV 1978
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91876	10399	13697						

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 6 JAN 1979
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
311	8712	12557	83	312	9285	12840	40	411	8677	13058	85
462	9081	13181	87	413	9766	13347	61	512	9137	13684	120
514	10041	14000	87	611	8290	13091	86	613	9473	14303	123
755	5447	14008	104	757	6021	12750	102	714	9888	14932	139
855	5392	14726	135	856	5794	13883	112	807	6122	13392	123
808	6559	13066	119	809	7136	13079	87	810	7554	13165	86
860	7818	13015	83	811	7969	13455	89	812	8594	14366	133
813	9429	15241	157	905	5461	15320	163	906	5862	14625	118
907	6221	14050	107	908	6618	13760	117	909	7123	13675	112
910	7500	13818	119	911	8035	13970	116	912	8728	14833	147
914	9857	15958	168	1005	5442	15870	176	1006	5985	15387	164
1007	6340	14952	159	1008	6597	14648	158	1009	7124	14556	145
1010	7534	14443	132	1011	8135	14680	150	1013	9238	16178	182
1065	10288	16663	156	1154	4878	16489	191	1105	5396	16412	196
1108	6672	15366	165	1112	8723	15898	183	1114	9780	16927	184
1205	5271	16815	218	1207	6345	16051	173	1209	7193	15705	169
1271	8204	15844	183	1304	4705	17442	207	1306	5831	17002	210
1308	6805	16416	182	1310	7693	16373	197	1312	8755	16723	191
1314	9656	17904	204	1404	4759	17798	204	1405	5212	17686	207
1407	6314	17051	200	1409	7270	16885	202	1411	8314	16857	205
1506	5912	17781	245	1508	6897	17458	217	1510	7829	17331	213
1512	8783	17758	209	1514	9543	18931	213	1607	6402	18027	243
1609	7348	17894	221	1704	4617	19240	249	1706	5890	18606	247
1708	6887	18472	243	1710	7830	18401	229	1712	8655	18957	227
1714	9449	19943	242	1807	6317	18928	243	1809	7290	18856	249
1859	7714	18973	254	1904	4609	19979	288	1906	5873	19463	260
1908	6825	19368	249	1910	7810	19531	267	1912	8603	20199	252
2007	6335	19822	245	2009	7283	19967	256	2106	5807	20281	281
2108	6746	20338	256	2110	7656	20729	270	2162	8576	21202	274
2112	8431	21553	282	2207	6121	20757	287	2259	7260	20919	278
2260	7375	21634	291	2302	3242	22268	313	2303	3706	22246	318
2304	4226	21928	319	2306	5385	21199	318	2312	8235	22334	287
2453	3517	22853	316	2407	5844	21641	327	2409	6856	21924	286
2504	3953	23219	338	2506	4979	22300	338	2508	6197	22168	314
2510	7302	22638	328	2512	8259	23666	350	2605	4270	23475	346
2607	5296	22682	361	2609	6563	22835	366	2611	7715	23766	370
2755	4357	23942	353	2706	4794	23513	358	2707	5247	23265	365
2708	5838	23220	372	2709	6489	23275	389	2804	3980	24910	479
2805	4533	24177	354	2806	4901	23909	353	2807	5322	23706	370
2808	5897	23612	392	2809	6521	23692	398	2810	7077	24005	389
2811	7584	24754	386	2907	5425	24098	377	2909	6543	24206	401
2911	7351	24993	393	3006	5065	24994	444	3058	5943	24265	401
3008	6075	24567	401	3105	4390	26065	477	3107	5462	25413	464
3109	6300	25259	431	3111	6812	25877	476	3163	7883	26570	538
3204	3938	26867	502	3206	4739	26428	480	3208	5699	26099	468
3260	6372	26420	489	3305	4402	27361	496	3307	5146	26881	474
3372	7146	26925	523	3309	5758	26998	478	3360	6439	27266	484
3373	7545	27606	515	3404	3886	27898	522	3406	4785	27644	487

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 6 JAN 1979
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
3408	5358	27465	478	3410	6217	27607	492	3412	7102	27825	505
3555	4300	28053	521	3507	5113	28375	504	3509	5705	28021	497
3559	5876	28033	504	3511	6568	28174	517	3563	7681	28503	521
3606	4599	28926	518	3608	5332	28665	510	3610	6047	28645	523
3612	6957	28671	539	3755	3989	29651	530	3756	4472	29481	526
3757	4903	29563	522	3759	5716	29216	523	3761	6515	29214	541
3856	4566	30207	525	3807	4790	29989	525	3808	5316	29883	525
3810	6059	29755	541	3908	5364	30683	537	3909	5718	30539	541
4110	6059	31054	550								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
91901	4758	13685	91902	4822	13731	91903	4931	13655
91904	5087	13712	91905	5327	13598	91906	5274	13334
91907	5346	13017	91908	5464	12835	91909	5570	12584
91910	5751	12494	91911	5810	12448	91912	5878	12396
91913	6004	12378	91914	6090	12320	91915	6214	12301
91916	6468	12488	91917	6687	12547	91918	6965	12644
91919	7234	12701	91920	7598	12742	91921	7732	12707
91922	7900	12648	91923	8052	12610	91924	8161	12551
91925	8349	12474	91926	8466	12377	91927	8617	12359
91928	8721	12458	91929	8806	12496	91930	8966	12433
91931	8979	12460	91932	8962	12572	91933	9123	12691
91934	9311	12717	91935	9356	12761	91936	9371	12816
91937	9328	12936	91938	9349	12986	91939	9412	12983
91940	9419	12999	91941	9205	13197	91942	9197	13276
91943	9205	13387	91944	9258	13469	91945	9380	13474
91946	9513	13408	91947	9542	13253	91948	9703	13216
91949	9712	13267	91950	9803	13291	91951	9926	13232
91952	10064	13342	91953	10028	13406	91954	10072	13443
91955	10096	13426	91956	10121	13464	91957	10131	13520
91958	10184	13553	91959	10226	13527	91960	10232	13599
91961	10336	13641	91962	10346	13697	91963	10424	13673

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 12 APR 1979
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
312	9298	12836	37	411	8688	12959	95	462	9086	13170	85
413	9769	13329	55	512	9150	13647	113	514	10043	14001	87
611	8279	12734	82	613	9475	14293	121	755	5420	13969	104
757	5933	12501	107	706	5603	13178	96	714	9889	14933	140
855	5381	14701	134	856	5741	13765	120	807	6035	13155	133
808	6544	12655	104	809	7154	12590	86	810	7565	12701	84
860	7821	12496	77	811	7939	13077	90	812	8547	14120	123
813	9429	15226	156	815	10400	15518	121	905	5459	15290	162
906	5844	14484	117	907	6184	13792	111	908	6581	13413	118
909	7088	13273	112	910	7463	13424	114	911	7988	13605	98
912	8692	14631	143	914	9859	15955	166	1005	5445	15844	173
1006	5978	15239	165	1007	6292	14663	161	1008	6542	14309	152
1009	7072	14194	144	1010	7482	14074	131	1011	8076	14332	146
1013	9239	16098	179	1065	10292	16663	155	1108	6634	15068	164
1110	7580	14822	153	1112	8698	15644	173	1114	9783	16923	183
1207	6336	15819	171	1209	7159	15383	170	1271	8167	15510	173
1304	4685	17431	205	1306	5850	16872	208	1308	6789	16141	179
1310	7667	16048	191	1312	8754	16485	191	1314	9660	17896	204
1404	4747	17783	203	1405	5201	17633	205	1409	7268	16594	197
1411	8319	16554	203	1506	5930	17619	240	1507	6327	16826	187
1508	6917	17189	205	1510	7846	17029	212	1512	8801	17547	207
1514	9546	18923	213	1607	6454	17791	239	1609	7389	17610	216
1704	4622	19225	248	1706	5949	18409	243	1708	6952	18209	238
1710	7885	18110	227	1712	8666	18804	221	1714	9455	19935	238
1807	6387	18696	240	1859	7787	18695	242	1809	7360	18585	240
1904	4633	19924	283	1906	5951	19240	251	1908	6901	19114	251
1910	7892	19268	258	1912	8638	20081	244	2007	6424	19580	239
2009	7364	19716	261	2106	5913	20038	276	2154	4566	20624	295
2108	6835	20089	246	2110	7728	20510	266	2162	8604	21146	269
2112	8458	21494	280	2207	6231	20503	270	2259	7350	20679	271
2306	5477	20940	302	2358	6602	20862	282	2360	7454	21433	285
2153	4019	21013	298	2302	3239	22269	313	2303	3703	22239	316
2304	4231	21854	318	2312	8256	22266	283	2453	3508	22852	313
2407	5938	21369	319	2409	6934	21686	289	2504	3937	23199	335
2506	4998	22056	334	2508	6287	21909	305	2510	7361	22407	298
2512	8263	23659	351	2605	4240	23395	340	2607	5305	22401	350
2611	7750	23660	373	2755	4336	23855	351	2706	4739	23320	358
2707	5210	22998	363	2708	5831	22921	360	2709	6506	22991	379
2760	7150	23341	387	2761	7647	23999	375	2762	7916	24685	377
2804	3983	24896	477	2805	4516	24047	348	2806	4857	23702	356
2808	5865	23321	385	2809	6524	23405	399	2810	7113	23786	393
2811	7603	24661	384	2955	4571	24830	445	2907	5380	23835	377
2909	6551	23922	404	2911	7379	24852	390	2983	8336	25917	533
3006	5077	24731	411	3058	5917	23972	403	3008	6072	24267	402
3060	6933	24834	397	3062	7358	25838	467	3107	5515	25108	455
3109	6360	24952	413	3111	6831	25611	427	3105	4407	25978	481
3163	7829	26521	538	3204	3962	26820	501	3206	4752	26286	481
3208	5726	25814	463	3260	6329	26164	482	3272	7035	26791	523

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 12 APR 1979
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
3305	4429	27275	495	3307	5154	26695	477	3309	5719	26783	477
3404	3930	27862	521	3406	4805	27528	482	3408	5344	27282	476
3410	6134	27437	484	3555	4341	27994	517	3509	5642	27850	491
3559	5802	27865	497	3511	6476	28020	508	3563	7598	28377	518
3653	3481	28739	537	3606	4605	28887	515	3608	5293	28535	506
3610	5965	28492	519	3612	6866	28524	531	3755	3990	29639	526
3756	4473	29470	524	3757	4897	29531	520	3759	5654	29096	521
3761	6426	29070	537	3802	2479	30128	561	3807	4784	29979	524
3810	5986	29640	536	3863	3127	30107	538	3864	3633	29785	532
3882	6532	29847	551	3908	5351	30667	536	3909	5684	30490	537
4010	6025	31014	547								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
92001	4829	13701	92002	4881	13660	92003	4947	13654
92004	5004	13741	92005	5093	13738	92006	5234	13664
92007	5302	13577	92008	5260	13399	92009	5225	13218
92010	5269	12984	92011	5313	12858	92012	5500	12598
92013	5629	12524	92014	5795	12428	92015	6016	12312
92016	6170	12240	92017	6282	12203	92018	6393	12293
92019	6516	12283	92020	6645	12290	92021	6737	12236
92022	6808	12216	92023	6908	12244	92024	7031	12265
92025	7184	12311	92026	7350	12358	92027	7424	12393
92028	7473	12439	92029	7597	12477	92030	7707	12428
92031	7839	12414	92032	7903	12464	92033	7975	12432
92034	8148	12450	92035	8316	12410	92036	8414	12356
92037	8518	12325	92038	8676	12315	92039	8745	12437
92040	8809	12453	92041	8959	12413	92042	9014	12473
92043	9011	12586	92044	9174	12677	92045	9344	12743
92046	9365	12832	92047	9356	13010	92048	9408	12990
92049	9411	13016	92050	9355	13016	92051	9322	13080
92052	9208	13202	92053	9210	13372	92054	9283	13463
92055	9376	13484	92056	9502	13422	92057	9543	13369
92058	9529	13249	92059	9711	13201	92060	9709	13252
92061	9805	13269	92062	9865	13232	92063	9925	13232
92064	10063	13340	92065	10024	13401	92066	10071	13442
92067	10128	13513	92068	10219	13575	92069	10278	13613
92070	10335	13639						

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 18 AUG 1979
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
312	9321	12828	31	411	8684	12823	97	462	9105	13144	77
413	9795	13322	43	512	9187	13559	84	514	10059	13987	82
609	7209	13319	115	613	9501	14241	114	755	5418	13931	105
706	5408	13039	80	714	9916	14938	127	855	5364	14652	123
856	5626	13593	120	807	5910	12896	107	810	7541	12285	70
811	7929	12693	100	812	8492	13859	111	813	9432	15170	152
815	10395	15452	110	905	5467	15238	150	907	6125	13535	123
908	6530	13052	122	909	7076	12861	106	910	7448	13021	100
911	7966	13241	94	912	8672	14428	142	1005	5446	15797	167
1006	5936	15025	156	1007	6213	14329	134	1008	6474	13948	125
1009	7018	13810	132	1010	7437	13685	126	1011	8029	13957	129
1154	4872	16489	184	1105	5405	16321	185	1108	6583	14726	167
1110	7529	14445	148	1112	8664	15329	162	1114	9792	16915	176
1204	4416	16926	187	1205	5276	16723	204	1207	6313	15553	157
1209	7113	15026	164	1271	8124	15152	157	1304	4637	17396	196
1306	5876	16711	194	1308	6756	15830	172	1310	7628	15688	176
1404	4714	17750	194	1405	5173	17553	198	1409	7250	16259	186
1407	6333	16570	181	1411	8310	16206	192	1506	5943	17428	233
1508	6925	16880	191	1510	7857	16679	207	1514	9556	18905	210
1607	6497	17505	222	1609	7418	17280	205	1704	4629	19200	241
1706	6008	18180	239	1708	7007	17895	225	1710	7934	17767	216
1712	8731	18547	219	1714	9465	19923	238	1807	6462	18419	240
1859	7862	18363	230	1809	7433	18263	230	1906	6040	18982	241
1908	6987	18810	246	1910	7986	18947	240	2007	6521	19288	237
2009	7460	19403	264	2153	4031	20974	291	2154	4618	20475	287
2106	6035	19747	260	2108	6939	19790	246	2110	7818	20239	260
2112	8495	21416	278	2162	8645	21066	262	2207	6368	20187	251
2259	7457	20384	263	2304	4242	21742	313	2306	5604	20631	284
2358	6731	20546	265	2360	7555	21182	281	2312	8274	22193	272
2453	3495	22848	311	2407	6065	21047	301	2409	7046	21391	286
2504	3914	23165	330	2506	5046	21745	327	2508	6408	21576	295
2510	7416	22146	279	2605	4235	23303	340	2607	5344	22050	338
2755	4302	23740	346	2707	5187	22641	351	2708	5856	22536	342
2709	6549	22617	345	2760	7205	23028	359	2762	7928	24668	371
2804	3990	24870	473	2806	4784	23431	356	2807	5231	23109	361
2808	5846	22949	365	2809	6540	23040	366	2811	7636	24553	378
2955	4619	24540	370	2907	5309	23492	368	2909	6548	23559	386
2911	7427	24676	381	2983	8333	25927	529	3006	5064	24400	367
3058	5866	23591	391	3008	6035	23878	394	3060	6984	24531	386
3062	7344	25634	424	3105	4425	25862	478	3107	5555	24711	412
3109	6417	24560	395	3111	6889	25285	393	3163	7754	26458	538
3204	3987	26757	494	3206	4764	26088	478	3208	5796	25412	450
3260	6341	25785	460	3305	4466	27155	496	3307	5160	26546	474
3309	5689	26482	473	3404	3983	27809	516	3408	5325	27049	476
3410	6041	27211	478	3555	4393	27905	511	3559	5717	27635	489
3509	5570	27618	484	3511	6351	27814	500	3653	3531	28704	532
3606	4600	28805	516	3612	6742	28326	519	3755	4011	29630	526
3756	4488	29459	524	3759	5594	28946	516	3761	6291	28872	528

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 18 AUG 1979
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
3802	2508	30122	558	3807	4778	29963	523	3810	5893	29488	527
3882	6412	29675	546	3864	3614	29749	533	3908	5335	30638	535
3909	5612	30410	534								

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
92101	4906	13664	92102	4966	13697	92103	5001	13795
92104	5086	13765	92105	5141	13677	92106	5243	13654
92107	5322	13609	92108	5310	13501	92109	5236	13234
92110	5294	12876	92111	5448	12670	92112	5638	12595
92113	6049	12362	92114	6356	12573	92115	6715	12659
92116	6842	12619	92117	6972	12385	92118	7243	12372
92119	7344	12304	92120	7430	12226	92121	7639	12210
92122	7845	12223	92123	8104	12315	92124	8262	12396
92125	8475	12366	92126	8670	12343	92127	8768	12244
92128	8780	12353	92129	8868	12382	92130	8932	12394
92131	9015	12452	92132	9034	12531	92133	9122	12663
92134	9335	12718	92135	9376	12812	92136	9323	12946
92137	9351	13062	92138	9239	13132	92139	9175	13288
92140	9239	13447	92141	9345	13556	92142	9475	13559
92143	9554	13493	92144	9593	13345	92145	9574	13218
92146	9663	13221	92147	9690	13273	92148	9780	13253
92149	9922	13213	92150	10025	13310	92151	10006	13391
92152	10165	13549	92153	10302	13610	92154	10367	13697

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 20 OCT 1979
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
312	9319	12821	28	411	8708	12794	79	462	9110	13140	67
413	9785	13312	31	512	9200	13522	66	580	8887	12598	62
514	10063	13983	76	609	7199	13056	83	613	9504	14220	114
755	5395	13909	107	752	9069	14038	130	714	9919	14936	129
855	5362	14639	119	856	5562	13520	108	807	5821	12728	74
812	8489	13757	98	813	9433	15150	153	815	10397	15451	112
905	5467	15222	149	906	5845	14259	100	907	6074	13392	120
908	6496	12771	91	911	7934	12990	70	912	8652	14330	129
964	9786	15897	161	1063	9440	16156	175	1005	5446	15785	164
1006	5926	14949	146	1007	6190	14180	109	1008	6440	13779	106
1009	6999	13595	110	1010	7423	13453	104	1011	7981	13766	106
1154	4869	16488	183	1105	5408	16305	182	1110	7504	14258	131
1108	6560	14567	155	1112	8644	15220	161	1114	9796	16908	179
1204	4406	16919	189	1205	5277	16711	205	1207	6310	15450	152
1209	7092	14868	151	1271	8099	15002	149	1264	9708	17866	190
1304	4626	17390	197	1306	5883	16659	192	1308	6745	15712	169
1310	7611	15543	167	1312	8750	16128	185	1364	9707	17866	193
1404	4704	17741	195	1407	6334	16482	179	1409	7243	16135	177
1411	8300	16081	187	1506	5947	17367	230	1508	6926	16775	189
1510	7855	16551	200	1562	8809	17202	200	1514	9557	18895	208
1607	6509	17411	214	1609	7423	17168	203	1704	4632	19192	240
1706	6023	18110	238	1708	7024	17790	221	1710	7946	17652	215
1712	8745	18471	217	1714	9468	19918	233	1807	6484	18329	239
1809	7453	18155	226	1859	7883	18253	229	1906	6067	18899	240
1908	7015	18711	243	1910	8012	18844	235	1962	8837	19804	235
2007	6550	19196	237	2009	7491	19303	259	2154	4634	20430	286
2153	4034	20961	289	2106	6070	19657	252	2108	6970	19695	245
2110	7844	20160	256	2112	8506	21396	275	2162	8659	21046	258
2207	6407	20089	248	2259	7488	20295	259	2304	4246	21707	316
2306	5641	20538	280	2358	6768	20448	260	2360	7585	21109	275
2312	8284	22172	271	2453	3488	22846	311	2407	6104	20942	288
2409	7081	21304	282	2504	3906	23155	332	2506	5064	21654	325
2508	6448	21478	293	2510	7435	22076	284	2605	4224	23269	338
2607	5336	21917	332	2609	6707	21996	286	2611	7913	23436	357
2755	4289	23705	346	2707	5185	22534	343	2708	5871	22420	335
2709	6570	22505	333	2760	7218	22940	351	2761	7815	23791	363
2762	7929	24662	369	2804	3991	24858	470	2806	4760	23352	355
2807	5217	23002	356	2808	5849	22830	356	2809	6551	22930	355
2810	7192	23561	383	2811	7642	24520	374	2955	4618	24468	365
2907	5288	23390	365	2909	6549	23453	392	2911	7438	24625	377
2983	8331	25926	528	3005	5051	24301	359	3058	5851	23474	384
3008	6024	23760	394	3060	7001	24441	385	3062	7343	25571	415
3105	4430	25827	474	3107	5554	24591	395	3109	6426	24439	393
3111	6904	25187	391	3163	7730	26435	532	3204	3996	26732	490
3206	4773	26031	474	3208	5818	25281	441	3260	6353	25660	447
3305	4480	27113	492	3307	5163	26469	471	3309	5684	26380	469
3404	4001	27787	514	3456	4836	27294	479	3408	5325	26968	473
3410	6010	27132	474	3555	4410	27874	508	3606	4607	28785	513

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 20 OCT 1979
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
3509	5555	27544	481	3559	5695	27560	485	3511	6317	27748	494
3653	3549	28691	531	3755	4015	29626	524	3756	4490	29452	522
3759	5573	28898	515	3610	5828	28219	507	3761	6256	28812	526
3612	6707	28264	513	3802	2512	30116	558	3807	4775	29959	518
3868	5333	29864	520	3810	5866	29442	526	3882	6377	29623	542
3864	3619	29743	530	3908	5328	30632	530	3909	5598	30392	530

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
92202	4909	13662	92203	4966	13703	92204	4960	13790
92205	5005	13811	92206	5198	13692	92207	5326	13632
92208	5325	13491	92209	5219	13265	92210	5286	13013
92212	5571	12639	92213	5580	12606	92214	5652	12603
92215	5770	12600	92216	6070	12625	92217	6238	12572
92218	6444	12600	92219	6739	12555	92220	6815	12531
92221	6853	12513	92222	7056	12645	92223	7238	12828
92224	7548	13010	92225	7822	13006	92226	7956	12776
92228	8255	12487	92229	8449	12378	92231	8612	12404
92232	8767	12352	92233	8892	12385	92234	8995	12469
92235	9063	12648	92236	9104	12677	92237	9276	12709
92238	9325	12717	92239	9365	12827	92240	9284	12978
92241	9342	13049	92242	9205	13143	92243	9158	13252
92244	9155	13359	92245	9201	13448	92246	9335	13578
92247	9385	13612	92248	9468	13586	92249	9500	13608
92250	9587	13563	92251	9630	13479	92252	9631	13223
92253	9659	13214	92254	9659	13301	92255	9746	13290
92256	9766	13252	92257	9818	13264	92258	9886	13232
92259	10021	13311	92260	10001	13382	92261	10168	13555
92262	10326	13751						

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 29 FEB 1980
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
312	9325	12820	30	411	8709	12745	73	462	9113	13133	67
580	8913	12550	58	613	9507	14173	113	752	9083	13928	129
755	5308	13855	92	714	9915	14934	132	855	5350	14608	118
856	5346	13333	77	812	8375	13233	84	813	9430	15105	149
815	10393	15450	110	905	5463	15176	146	906	5831	14007	99
907	5907	12880	99	912	8553	13895	97	964	9784	15892	158
1005	5449	15745	165	1006	5920	14715	115	1007	6131	13716	96
1008	6361	13151	118	1009	6948	12684	86	1011	7890	13016	78
1063	9437	16091	170	1154	4862	16483	185	1105	5413	16255	181
1108	6462	13963	118	1110	7404	13527	107	1112	8562	14791	143
1114	9793	16904	179	1204	4374	16898	189	1205	5274	16669	203
1207	6285	15055	152	1209	7009	14243	133	1271	7991	14404	129
1304	4597	17371	199	1306	5909	16461	179	1308	6686	15236	156
1310	7532	14987	142	1312	8707	15739	169	1364	9767	17943	195
1404	4678	17716	196	1405	5142	17472	200	1407	6331	16141	165
1409	7192	15650	160	1411	8237	15570	166	1506	5960	17137	215
1508	6914	16363	177	1562	8823	16877	189	1514	9560	18876	210
1607	6536	17053	184	1609	7429	16737	192	1704	4638	19172	241
1706	6083	17841	235	1708	7071	17400	203	1710	7981	17219	203
1712	8793	18208	211	1714	9473	19909	237	1807	6562	17995	234
1859	7950	17838	215	1809	7520	17752	212	1906	6159	18604	234
1908	7110	18348	231	1910	8098	18466	222	1962	8863	19702	237
2007	6651	18866	236	2009	7599	18932	250	2153	4042	20928	289
2154	4691	20293	282	2106	6185	19350	238	2108	7080	19359	250
2110	7945	19859	261	2112	8533	21326	277	2162	8690	20980	259
2207	6533	19764	238	2259	7596	19982	256	2304	4262	21605	314
2306	5779	20224	283	2358	6887	20122	246	2360	7682	20843	270
2312	8308	22105	269	2362	3309	22256	311	2453	3471	22838	313
2407	6244	20611	273	2409	7203	21000	276	2504	3886	23125	330
2506	5139	21358	322	2508	6581	21148	288	2510	7509	21842	285
2605	4196	23177	336	2657	5410	21580	323	2659	6815	21688	284
2661	7941	23326	351	2755	4253	23610	343	2707	5210	22198	334
2708	5948	22073	319	2709	6657	22172	294	2760	7279	22654	330
2771	7849	23698	364	2762	7930	24649	369	2804	3993	24834	470
2806	4705	23103	349	2807	5196	22657	347	2808	5886	22462	334
2809	6597	22583	331	2811	7659	24424	372	2860	7236	23291	377
2955	4601	24267	354	2907	5235	23064	360	2909	6565	23109	379
2911	7467	24474	373	2983	8326	25927	533	3005	4999	24020	348
3058	5815	23118	371	3008	5984	23405	383	3009	5707	26071	468
3060	7044	24181	384	3062	7352	25394	399	3105	4446	25726	475
3107	5525	24254	381	3109	6433	24092	398	3111	6950	24905	387
3163	7665	26362	532	3204	4015	26673	488	3208	5874	24898	421
3260	6419	25297	424	3305	4509	27000	491	3307	5166	26226	474
3404	4045	27739	514	3456	4854	27144	480	3555	4446	27789	506
3559	5631	27343	478	3509	5506	27326	475	3511	6207	27553	489
3606	4621	28737	514	3610	5739	28028	500	3612	6602	28088	509
3756	4490	29440	522	3759	5503	28748	510	3761	6157	28640	525
3807	4770	29950	524	3810	5836	29234	526	3882	6275	29471	540

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 29 FEB 1980
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
3908	5312	30617	532	3909	5560	30340	534				

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
92301	4926	13677	92302	4962	13697	92303	4955	13800
92304	4966	13808	92305	4979	13866	92306	5064	13880
92307	5165	13780	92308	5172	13714	92309	5238	13700
92310	5314	13678	92311	5327	13588	92312	5290	13475
92313	5248	13348	92314	5187	13278	92315	5195	13094
92316	5236	12926	92317	5299	12826	92318	5509	12640
92319	5617	12568	92320	5766	12550	92321	5801	12539
92322	5817	12504	92323	5944	12521	92324	6033	12453
92325	6087	12387	92326	6134	12387	92327	6258	12455
92328	6395	12507	92329	6561	12519	92330	6728	12564
92331	6844	12534	92332	6956	12556	92333	7104	12546
92334	7321	12548	92335	7477	12646	92336	7600	12668
92337	7761	12677	92338	7942	12630	92339	8032	12566
92340	8117	12508	92341	8132	12513	92342	8327	12504
92343	8428	12509	92344	8536	12502	92345	8601	12467
92346	8708	12432	92347	8733	12442	92348	8834	12415
92349	8940	12391	92350	9046	12644	92351	9081	12688
92352	9161	12705	92353	9275	12713	92354	9348	12753
92355	9361	12812	92356	9321	12890	92357	9266	12956
92358	9273	12976	92359	9326	13006	92360	9331	13055
92361	9299	13105	92362	9151	13240	92363	9136	13345
92364	9169	13392	92365	9321	13488	92366	9505	13564
92367	9631	13558	92368	9680	13503	92369	9665	13407
92370	9667	13344	92371	9739	13293	92372	9864	13238
92373	9953	13254	92374	10007	13306	92375	9984	13402
92376	10066	13452	92377	10228	13598	92378	10427	13673

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 12 MAY 1980
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
312	9335	12817	30	411	8715	12684	74	462	9119	13129	67
501	5764	12545	106	509	9874	13745	89	580	8942	12518	54
613	9514	14145	111	714	9912	14934	132	759	9101	13869	124
855	5339	14591	113	856	5259	13295	76	812	8371	13058	98
813	9430	15079	149	815	10390	15451	110	905	5457	15152	146
906	5802	13913	109	907	5750	12999	101	912	8513	13720	95
964	9783	15888	161	1005	5449	15723	167	1006	5904	14586	109
1007	6094	13554	115	1008	6315	12896	111	1011	7886	12708	92
1063	9438	16057	167	1108	6434	13712	114	1110	7382	13220	98
1112	8531	14574	145	1114	9794	16902	181	1154	4860	16481	185
1204	4355	16888	188	1205	5275	16643	201	1207	6257	14844	160
1209	6969	13960	132	1261	7923	14194	139	1304	4576	17360	197
1308	6655	14993	155	1310	7494	14717	141	1312	8684	15530	162
1364	9768	17938	199	1404	4664	17704	197	1405	5128	17437	201
1407	6324	15950	165	1409	7164	15392	162	1411	8203	15310	158
1506	5973	17005	208	1508	6898	16132	175	1510	7787	15781	180
1562	8826	16698	189	1514	9560	18870	210	1607	6544	16852	176
1609	7421	16491	194	1704	4640	19158	239	1706	6112	17675	231
1708	7085	17172	200	1710	7991	16970	206	1712	8816	18051	214
1714	9477	19903	234	1807	6605	17786	231	1809	7547	17513	210
1859	7979	17591	214	1906	6210	18419	232	1908	7159	18123	225
1910	8141	18231	222	1955	5352	18268	228	1962	8880	19637	234
2007	6709	18658	238	2009	7658	18701	243	2153	4046	20906	285
2154	4727	20205	276	2106	6251	19157	232	2108	7144	19142	250
2110	8013	19658	261	2112	8553	21278	275	2162	8710	20938	260
2207	6603	19558	236	2259	7661	19776	264	2304	4272	21536	314
2305	4530	26919	490	2306	5868	20021	279	2358	6958	19915	243
2360	7739	20666	268	2312	8323	22057	267	2453	3463	22838	310
2407	6336	20398	257	2409	7280	20800	271	2504	3869	23109	324
2506	5201	21155	320	2508	6666	20932	277	2510	7563	21689	286
2605	4178	23118	331	2607	5475	21356	317	2659	6891	21484	287
2661	7960	23244	345	2755	4229	23551	341	2707	5238	21974	326
2708	6019	21847	318	2709	6724	21964	279	2750	7327	22461	303
2771	7870	23631	362	2762	7932	24637	370	2804	3998	24821	465
2806	4673	22928	339	2807	5199	22427	337	2808	5931	22226	320
2809	6645	22345	304	2860	7266	23107	364	2811	7673	24357	370
2955	4584	24140	347	2907	5214	22836	352	2909	6583	22878	367
2911	7487	24372	370	2983	8328	25925	530	3005	4962	23836	344
3058	5815	22869	360	3009	5729	25845	459	3059	6699	26225	495
3060	7071	24006	387	3062	7367	25284	394	3105	4458	25656	472
3107	5493	24033	372	3109	6427	23854	398	3111	6987	24716	384
3163	7622	26304	529	3204	4026	26634	484	3208	5892	24647	403
3260	6471	25056	406	3307	5175	26055	470	3404	4077	27705	507
3456	4867	27037	480	3556	4471	27726	500	3559	5594	27189	475
3511	6132	27416	482	3606	4634	28701	512	3610	5685	27892	493
3661	3779	28797	526	3612	6529	27967	502	3756	4499	29433	523
3759	5462	28645	507	3761	6094	28522	520	3807	4772	29943	522
3851	3116	30177	537	3855	4030	30178	531	3878	5277	29707	520

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 12 MAY 1980
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
3882	6209	29366	538	3890	6959	29178	553	3908	5309	30604	536
3909	5540	30303	535	3910	6028	30119	537				

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
93101	4939	13684	93102	4962	13708	93103	4937	13831
93104	4990	13904	93105	5036	13910	93106	5106	13867
93107	5149	13809	93108	5218	13706	93109	5293	13618
93110	5287	13563	93111	5240	13386	93112	5167	13278
93113	5155	13092	93114	5176	12918	93115	5275	12787
93116	5377	12671	93117	5433	12620	93118	5522	12597
93119	5580	12598	93120	5603	12542	93121	5671	12516
93122	5786	12459	93123	5946	12360	93124	6056	12308
93125	6160	12281	93126	6253	12280	93127	6369	12312
93128	6474	12380	93129	6533	12369	93130	6625	12353
93131	6685	12326	93132	6761	12276	93133	6898	12301
93134	6987	12318	93135	7103	12348	93136	7165	12351
93137	7205	12335	93138	7256	12295	93139	7286	12288
93140	7343	12281	93141	7428	12326	93142	7468	12374
93143	7685	12442	93144	7761	12433	93145	7907	12459
93146	7985	12460	93147	8014	12448	93148	8111	12446
93149	8182	12437	93150	8279	12436	93151	8371	12404
93152	8446	12391	93153	8501	12371	93154	8610	12411
93155	8717	12408	93156	8784	12422	93157	8908	12354
93158	8995	12461	93159	9039	12588	93160	9074	12665
93161	9185	12710	93162	9309	12723	93163	9337	12740
93164	9367	12807	93165	9322	12894	93166	9238	12949
93167	9253	12992	93168	9324	13009	93169	9322	13081
93170	9224	13176	93171	9186	13283	93172	9135	13332
93173	9260	13418	93174	9338	13466	93175	9420	13548
93176	9518	13561	93177	9638	13543	93178	9698	13502
93179	9708	13423	93180	9684	13345	93181	9703	13307
93182	9783	13290	93183	9924	13251	93184	10004	13312
93185	9952	13382	93186	10142	13543			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 22 JUL 1980
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
312	9352	12815	21	411	8726	12617	72	462	9132	13118	56
509	9896	13728	86	580	8968	12485	46	613	9533	14097	112
714	9919	14930	133	752	9128	13806	119	855	5316	14590	102
856	5177	13258	67	812	8376	12885	104	813	9432	15040	149
905	5457	15111	140	906	5759	13787	118	907	5658	12901	101
912	8495	13573	98	1005	5452	15693	162	1006	5879	14458	105
1007	6051	13416	126	1063	9436	16008	164	1154	4861	16470	180
1108	6406	13518	115	1110	7386	12975	98	1112	8512	14395	136
1205	5275	16612	193	1207	6225	14653	152	1209	6944	13728	126
1261	7895	13967	130	1306	5920	16226	160	1308	6631	14785	159
1310	7467	14489	145	1312	8672	15354	157	1364	9784	17922	192
1404	4657	17663	195	1405	5100	17400	200	1407	6309	15785	159
1409	7142	15177	161	1411	8175	15098	155	1506	5990	16882	193
1508	6873	15940	171	1510	7763	15562	174	1562	8834	16534	185
1607	6544	16682	174	1609	7407	16283	185	1704	4640	19138	236
1706	6140	17536	231	1708	7089	16982	195	1710	7999	16757	201
1712	8841	17899	205	1714	9489	19910	231	1807	6634	17613	225
1809	7563	17309	204	1859	7993	17382	209	1955	5364	18203	227
1906	6251	18266	231	1908	7193	17931	216	1910	8169	18026	217
1962	8907	19554	225	2007	6771	18492	232	2009	7705	18502	230
2154	4769	20114	272	2106	6303	18992	230	2108	7210	18949	245
2110	8072	19480	251	2112	8578	21230	268	2162	8740	20893	253
2207	6659	19381	240	2259	7723	19592	262	2306	5944	19849	268
2358	7023	19735	244	2360	7793	20510	261	2312	8345	22029	267
2407	6418	20210	244	2409	7348	20624	265	2504	3851	23091	316
2506	5272	20970	311	2508	6748	20745	268	2510	7617	21562	280
2605	4162	23059	327	2607	5547	21157	309	2659	6967	21307	279
2661	7976	23164	332	2755	4199	23498	333	2707	5276	21771	319
2708	6096	21653	312	2709	6793	21783	275	2760	7373	22302	284
2771	7886	23562	358	2762	7944	24620	369	2804	4006	24798	472
2806	4657	22766	331	2807	5213	22220	327	2808	5988	22025	312
2809	6701	22152	278	2860	7300	22939	351	2955	4559	24020	338
2907	5219	22623	344	2909	6612	22664	349	2911	7524	24282	365
3005	4917	23665	344	3008	5785	23057	366	3058	5831	22637	342
3009	5760	25612	453	3059	6648	26039	483	3060	7099	23846	384
3062	7382	25188	391	3105	4470	25581	471	3107	5454	23826	368
3109	6420	23636	393	3111	7020	24547	378	3163	7570	26238	523
3204	4038	26586	478	3208	5891	24418	392	3260	6506	24831	395
3306	4544	26830	487	3307	5194	25878	470	3404	4105	27660	507
3456	4877	26923	479	3556	4493	27658	496	3559	5567	27036	477
3511	6064	27280	479	3610	5639	27757	490	3612	6455	27846	498
3661	3816	28776	527	3756	4506	29425	520	3759	5422	28537	504
3761	6030	28396	512	3807	4776	29935	523	3851	3113	30176	536
3882	6145	29261	535	3890	6891	29067	550	3908	5299	30591	535
3909	5522	30265	531	3910	5978	30046	538				

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 22 JUL 1980
UTM EAST = X+490000; UTM NORTH =
Y+6750000 AND ALTITUDE Z IN METERS
ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
93201	4930	13684	93202	4957	13715	93203	4950	13879
93204	4979	13905	93205	5026	13893	93206	5114	13797
93207	5201	13700	93208	5260	13669	93209	5265	13616
93210	5284	13568	93211	5212	13383	93212	5176	13243
93213	5107	13006	93214	5109	12953	93215	5268	12813
93216	5334	12722	93217	5404	12675	93218	5565	12605
93219	5582	12540	93220	5635	12511	93221	5677	12521
93222	5700	12499	93223	5731	12477	93224	5903	12392
93225	6019	12342	93226	6119	12326	93227	6277	12349
93228	6384	12354	93229	6492	12327	93230	6594	12300
93231	6675	12239	93232	6715	12173	93233	6736	12168
93234	6826	12205	93235	6921	12161	93236	7126	12180
93237	7161	12225	93238	7243	12242	93239	7319	12222
93240	7367	12179	93241	7513	12196	93242	7570	12229
93243	7651	12337	93244	7778	12413	93245	7999	12535
93246	8246	12641	93247	8409	12617	93248	8505	12532
93249	8542	12430	93250	8708	12410	93251	8913	12377
93252	9041	12472	93253	9047	12566	93254	9065	12649
93255	9201	12702	93256	9322	12716	93257	9371	12818
93258	9332	12884	93259	9190	12936	93260	9215	12996
93261	9328	13005	93262	9323	13065	93263	9168	13211
93264	9148	13331	93265	9191	13410	93266	9303	13441
93267	9447	13533	93268	9622	13574	93269	9661	13509
93270	9716	13461	93271	9680	13332	93272	9803	13273
93273	9950	13247	93274	9993	13317	93275	9939	13374
93276	10045	13430	93277	10170	13553			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 2 SEP 1980
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
312	9356	12811	16	462	9137	13113	51	509	9899	13720	79
613	9537	14077	106	714	9921	14926	122	752	9139	13780	111
812	8389	12800	77	813	9433	15025	143	855	5306	14582	97
905	5450	15101	136	906	5738	13757	114	907	5619	12865	98
912	8491	13527	96	964	9753	15836	150	1005	5448	15685	160
1006	5868	14418	102	1007	6026	13367	125	1008	6085	12766	99
1010	7391	12881	91	1063	9437	15994	156	1108	6394	13450	114
1112	8448	14491	137	1114	9731	16613	173	1154	4859	16465	176
1205	5277	16600	192	1207	6208	14587	146	1209	6931	13646	117
1261	7886	13888	122	1306	5921	16195	159	1308	6619	14712	158
1310	7455	14410	138	1312	8664	15299	154	1364	9788	17919	188
1404	4647	17655	191	1405	5093	17387	197	1407	6306	15732	155
1409	7129	15103	156	1411	8163	15026	150	1506	5996	16843	184
1508	6868	15876	168	1510	7751	15489	165	1562	8835	16484	182
1607	6544	16622	170	1609	7402	16213	181	1704	4640	19132	234
1706	6147	17486	222	1708	7092	16916	188	1710	8053	16697	197
1712	8849	17852	198	1714	9493	19906	225	1807	6644	17551	215
1809	7570	17241	201	1859	8002	17312	204	1955	5366	18177	228
1906	6264	18214	228	1908	7206	17865	213	1910	8182	17957	212
1962	8914	19534	222	2007	6788	18432	231	2009	7721	18435	226
2106	6321	18935	227	2154	4781	20084	268	2108	7230	18885	241
2207	6680	19320	238	2210	8093	19420	244	2259	7745	19530	256
2306	5970	19788	263	2310	7633	21518	278	2312	8347	22018	265
2358	7044	19673	242	2360	7812	20458	255	2407	6446	20145	241
2409	7373	20565	259	2504	3840	23080	317	2508	6777	20679	262
2506	5296	20904	304	2605	4149	23037	324	2607	5571	21085	304
2659	6991	21245	276	2661	7980	23138	331	2750	7383	22245	280
2755	4184	23474	329	2707	5288	21695	317	2708	6121	21580	313
2709	6812	21718	277	2762	7947	24616	364	2771	7891	23536	354
2804	4007	24789	467	2806	4646	22703	327	2807	5217	22144	325
2808	6009	21948	314	2860	7310	22876	344	2955	4549	23976	338
2907	5216	22541	340	2909	6621	22582	335	2911	7533	24248	364
3005	4902	23598	347	3008	5780	22968	363	3058	5835	22550	329
3009	5776	25513	450	3059	6642	25950	475	3060	7110	23782	382
3082	7389	25147	388	3105	4476	25550	469	3107	5437	23744	367
3109	6416	23549	389	3111	7033	24480	379	3163	7549	26208	518
3204	4039	26566	476	3208	5885	24326	391	3260	6520	24739	393
3307	5205	25802	467	3404	4120	27642	504	3456	4881	26878	477
3506	4549	26794	485	3556	4506	27627	495	3511	6037	27221	476
3559	5555	26965	474	3610	5620	27697	487	3612	6423	27795	494
3756	4509	29421	522	3759	5410	28492	504	3761	6009	28347	508
3807	4777	29931	523	3809	6720	22081	277	3882	6121	29219	533
3890	6864	29021	548	3908	5297	30587	532	3909	5520	30251	531
3910	5962	30018	537								

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 2 SEP 1980
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
93301	4912	13678	93302	4953	13724	93303	4947	13877
93304	4996	13898	93305	5077	13858	93306	5141	13779
93307	5202	13698	93308	5291	13644	93309	5297	13606
93310	5303	13547	93311	5262	13469	93312	5233	13414
93313	5214	13350	93314	5194	13268	93315	5201	13226
93316	5193	13191	93317	5179	13147	93318	5142	13071
93319	5125	13000	93320	5133	12944	93321	5221	12869
93322	5264	12828	93323	5320	12772	93324	5363	12717
93326	5589	12592	93327	5671	12564	93328	5749	12514
93329	5842	12425	93330	5900	12389	93331	5969	12386
93332	5980	12361	93333	6137	12354	93334	6261	12366
93335	6358	12371	93336	6433	12354	93337	6480	12352
93338	6668	12246	93339	6692	12204	93340	6731	12169
93341	6867	12142	93342	7018	12168	93343	7110	12196
93344	7221	12197	93350	7805	12447	93351	7886	12471
93352	8019	12556	93353	8142	12616	93354	8325	12689
93355	8463	12737	93356	8571	12749	93357	8671	12735
93358	8786	12673	93359	8834	12573	93360	8861	12514
93361	8870	12467	93362	8908	12465	93363	9013	12488
93364	9036	12503	93365	9048	12605	93366	9070	12656
93367	9174	12692	93368	9306	12705	93369	9331	12716
93370	9363	12774	93371	9358	12852	93372	9329	12883
93373	9228	12925	93374	9185	12956	93375	9316	13003
93376	9321	13047	93377	9298	13084	93378	9203	13153
93379	9135	13288	93380	9140	13390	93381	9158	13449
93382	9197	13432	93383	9256	13434	93384	9353	13511
93385	9502	13582	93386	9636	13571	93387	9692	13498
93388	9725	13455	93389	9684	13320	93390	9810	13275
93391	9904	13252	93392	9975	13321	93393	9926	13387
93394	10051	13432	93395	10174	13556	93396	10284	13606
93397	10341	13627	93398	10348	13693			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 30 OCT 1980
UTM EAST = X+490000; UTM NORTH =
Y+6750000 AND ALTITUDE Z IN METERS
ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
312	9370	12816	2	462	9146	13114	53	509	9903	13716	81
613	9547	14050	108	714	9923	14924	126	813	9437	15005	147
855	5306	14574	99	905	5448	15088	135	906	5710	13714	114
907	5548	12801	92	912	8491	13451	100	964	9755	15832	152
1005	5448	15674	159	1006	5859	14363	101	1007	5895	13425	121
1008	6046	12648	95	1063	9441	15973	159	1154	4863	16464	178
1108	6315	13318	122	1110	7410	12726	90	1112	8440	14396	133
1114	9735	16609	174	1205	5279	16590	192	1207	6188	14493	136
1209	6922	13524	115	1261	7873	13775	118	1306	5924	16153	156
1308	6604	14604	157	1310	7439	14294	138	1312	8656	15217	155
1364	9789	17915	191	1404	4742	17655	195	1405	5087	17372	201
1407	6358	15727	155	1409	7117	14997	159	1411	8152	14920	150
1506	6008	16791	186	1508	6857	15780	169	1510	7739	15381	164
1562	8839	16410	185	1607	6545	16541	174	1609	7395	16110	179
1704	4643	19122	236	1706	6159	17415	227	1708	7095	16824	190
1710	8003	16583	197	1712	8859	17785	204	1714	9492	19899	231
1807	6657	17463	218	1809	7577	17141	201	1859	8010	17212	207
1955	5369	18140	229	1906	6286	18134	236	1908	7223	17770	213
1910	8196	17856	216	1962	8922	19503	226	2007	6813	18340	234
2154	4804	20036	276	2106	6349	18850	232	2108	7259	18789	243
2110	8121	19332	243	2207	6709	19227	243	2209	7744	18338	227
2259	7775	19436	261	2306	6009	19697	262	2358	7075	19579	249
2360	7840	20380	257	2312	8357	21997	264	2407	6486	20047	241
2409	7405	20475	262	2504	3831	23067	317	2506	5336	20806	303
2508	6815	20582	263	2510	7664	21448	277	2605	4139	23003	327
2607	5613	20978	298	2659	7032	21152	277	2661	7995	23095	323
2750	7407	22165	282	2755	4172	23442	331	2707	5315	21586	316
2708	6164	21473	311	2709	6849	21620	278	2762	7954	24614	365
2771	7907	23496	353	2804	4006	24777	461	2806	4639	22610	323
2807	5231	22031	324	2808	6048	21839	314	2860	7334	22781	333
2955	4533	23916	336	2907	5219	22423	337	2909	6646	22463	325
2911	7551	24200	366	3005	4870	23506	346	3008	5783	22838	360
3058	5851	22430	324	3009	5803	25371	447	3059	6645	25823	467
3060	7125	23691	384	3062	7403	25094	391	3107	5414	23627	366
3109	6415	23431	389	3111	7053	24390	381	3163	7526	26159	514
3204	4047	26543	474	3208	5876	24201	394	3260	6540	24615	395
3306	4559	26745	484	3307	5226	25692	467	3404	4140	27619	502
3456	4889	26814	477	3556	4523	27587	491	3559	5547	26874	475
3511	6004	27138	476	3610	5600	27619	485	3612	6383	27724	491
3756	4512	29416	520	3759	5392	28430	500	3781	5974	28276	505
3807	4775	29928	522	3809	6753	21982	281	3882	6084	29157	528
3890	6825	28958	541	3908	5293	30579	532	3909	5508	30231	528
3910	5934	29976	532								

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 30 OCT 1980
UTM EAST = X+490000; UTM NORTH =
Y+6750000 AND ALTITUDE Z IN METERS
ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
93401	4664	13404	93402	4811	13468	93403	4893	13597
93404	4980	13645	93405	4956	13917	93406	5057	13932
93407	5191	13799	93408	5321	13651	93409	5261	13452
93410	5201	13311	93411	5213	13191	93412	5170	13001
93413	5252	12914	93414	5379	12743	93415	5448	12701
93416	5540	12641	93417	5771	12521	93418	5803	12473
93419	5833	12446	93420	5877	12425	93421	6054	12373
93422	6144	12367	93423	6218	12374	93424	6308	12413
93425	6374	12412	93426	6462	12439	93427	6632	12422
93428	6717	12346	93429	6729	12239	93430	6744	12227
93431	6759	12237	93433	7032	12254	93434	7049	12254
93435	7140	12298	93436	7205	12352	93437	7337	12430
93438	7404	12445	93439	7523	12473	93440	7637	12464
93441	7708	12430	93442	7806	12430	93443	7877	12458
93444	7902	12506	93445	7962	12591	93446	8046	12623
93447	8161	12663	93448	8276	12671	93449	8339	12684
93450	8458	12738	93451	8558	12777	93452	8613	12785
93453	8690	12770	93454	8733	12782	93455	8779	12804
93456	8878	12792	93457	8920	12765	93458	8958	12691
93459	8969	12649	93460	9008	12582	93461	9059	12658
93462	9076	12653	93463	9129	12686	93464	9159	12700
93465	9224	12708	93466	9310	12726	93467	9348	12761
93468	9367	12830	93469	9295	12902	93470	9219	12906
93471	9180	12937	93472	9231	12987	93473	9324	13006
93474	9339	13047	93475	9307	13102	93476	9209	13170
93477	9131	13292	93478	9100	13398	93479	9153	13489
93480	9267	13498	93481	9315	13497	93482	9365	13550
93483	9379	13584	93484	9628	13612	93485	9721	13557
93486	9717	13482	93487	9721	13426	93488	9683	13323
93489	9755	13292	93490	9819	13302	93491	9900	13252
93492	9923	13354	93493	9943	13415	93494	9989	13399
93495	10126	13509	93496	10226	13568	93497	10347	13623
93498	10410	13660	93499	10532	13705			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 7 MAR 1981
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
462	9176	13110	59	509	9912	13703	91	613	9577	13958	115
714	9924	14920	134	752	9242	13507	61	813	9446	14936	156
855	5297	14543	103	905	5439	15046	144	906	5601	13591	122
912	8508	13223	103	964	9758	15814	161	1005	5448	15637	171
1006	5826	14200	108	1007	5866	13070	115	1063	9445	15901	168
1154	4853	16460	178	1108	6311	13016	128	1112	8405	14096	130
1114	9738	16595	185	1205	5275	16559	189	1207	6127	14214	120
1209	6893	13137	118	1261	7844	13422	113	1306	5933	16008	171
1308	6545	14264	156	1310	7389	13931	143	1312	8628	14955	165
1364	9799	17905	190	1404	4718	17634	195	1405	5061	17333	203
1407	6340	15474	159	1409	7071	14659	164	1411	8106	14582	155
1506	6030	16616	178	1508	6823	15478	180	1510	7694	15044	168
1562	8845	16172	195	1607	6517	16374	172	1609	7366	15786	181
1704	4645	19105	236	1706	6181	17186	214	1708	7090	16529	185
1710	7997	16252	206	1712	8886	17571	200	1714	9501	19893	229
1807	6680	17188	199	1809	7585	16831	203	1859	8026	16892	208
1955	5369	18031	227	1906	6338	17886	237	1908	7259	17474	208
1910	8235	17543	212	1962	8953	19411	223	2007	6878	18060	232
2009	7804	18029	224	2106	6422	18590	233	2108	7333	18497	236
2110	8206	19052	232	2154	4862	19900	273	2207	6792	18950	247
2259	7871	19146	252	2306	6106	19431	250	2358	7164	19294	257
2360	7925	20139	260	2312	8378	21942	268	2407	6589	19772	242
2409	7500	20205	260	2504	3799	23047	315	2506	5442	20529	295
2508	6923	20294	255	2510	7974	21216	275	2605	4100	22926	324
2607	5728	20678	286	2659	7142	20874	274	2661	8127	23040	321
2750	7467	21945	288	2755	4125	23370	328	2707	5399	21277	319
2708	6278	21168	305	2709	6957	21338	285	2762	7957	24599	369
2771	7971	23429	350	2804	4010	24745	465	2806	4620	22361	325
2807	5282	21717	319	2808	6159	21530	317	2860	7400	22467	302
2955	4485	23750	342	2907	5239	22097	331	2909	6725	22150	289
2911	7593	24064	368	3005	4795	23240	352	3008	5805	22484	345
3058	5915	22093	317	3009	5864	24967	429	3059	6688	25473	426
3060	7165	23414	382	3062	7435	24945	390	3105	4504	25380	475
3107	5345	23298	366	3109	6424	23081	381	3111	7098	24132	385
3163	7458	26009	496	3204	4053	26471	470	3208	5831	23843	394
3260	6574	24263	399	3306	4568	26597	480	3307	5276	25357	461
3404	4183	27550	500	3456	4897	26619	479	3556	4555	27469	492
3559	5509	26590	478	3511	5915	26877	475	3610	5535	27382	476
3612	6251	27509	487	3756	4518	29401	523	3759	5336	28242	493
3761	5866	28065	501	3807	4771	29916	522	3809	6846	21700	285
3882	5981	28979	528	3890	6706	28774	539	3908	5279	30558	534
3909	5465	30168	530	3910	5858	29857	529				

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 7 MAR 1981
UTM EAST = X+490000; UTM NORTH =
Y+6750000 AND ALTITUDE Z IN METERS
ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
93501	4701	13591	93502	4677	13436	93503	4717	13418
93504	4848	13555	93505	4872	13631	93506	4940	13621
93507	4973	13681	93508	4929	13956	93509	5008	14013
93510	5123	13988	93511	5190	13922	93512	5211	13881
93513	5279	13776	93514	5285	13592	93515	5197	13284
93516	5209	13187	93517	5194	12983	93518	5243	12835
93519	5313	12733	93520	5382	12668	93521	5653	12520
93522	5762	12460	93523	5830	12426	93524	5877	12390
93525	5945	12335	93526	6061	12309	93527	6116	12279
93528	6149	12272	93529	6256	12279	93530	6340	12359
93531	6512	12395	93533	6683	12208	93534	6751	12171
93535	6845	12115	93536	6872	12068	93537	6924	12065
93538	6999	12083	93539	7099	12064	93540	7234	12123
93541	7333	12201	93542	7455	12297	93543	7600	12377
93544	7715	12419	93545	7858	12449	93546	7949	12471
93547	8076	12440	93548	8155	12417	93549	8229	12454
93550	8374	12511	93551	8477	12576	93552	8641	12647
93553	8661	12644	93554	8708	12693	93555	8785	12742
93556	8876	12844	93557	8963	12827	93558	9049	12716
93559	9113	12679	93560	9264	12702	93561	9333	12733
93562	9376	12814	93563	9375	12828	93564	9257	12898
93565	9203	12897	93566	9212	12959	93567	9302	12991
93568	9337	13071	93569	9160	13242	93570	9091	13336
93571	9235	13416	93572	9351	13522	93573	9529	13550
93574	9648	13572	93575	9722	13532	93576	9686	13333
93577	9699	13314	93578	9786	13307	93579	9819	13309
93580	9884	13242	93581	9959	13265	93582	9895	13358
93583	9960	13414	93584	9988	13407	93585	10036	13424
93586	10122	13510	93587	10186	13568	93588	10215	13572
93589	10235	13609	93590	10273	13602	93591	10315	13637
93592	10337	13641	93593	10338	13697	93594	10376	13706
93595	10423	13672	93596	10490	13692			

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 16 JUN 1981
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
462	9198	13115	42	509	9929	13672	82	613	9598	13877	106
714	9935	14907	123	752	9252	13470	54	813	9455	14861	148
855	5275	14517	93	905	5486	14973	135	906	5484	13479	103
912	8544	13067	96	964	9764	15794	150	1005	5437	15586	166
1006	5770	14076	112	1007	5740	12925	100	1063	9451	15828	155
1154	4848	16444	177	1108	6228	12781	116	1112	8369	13854	114
1114	9747	16583	173	1205	5275	16523	188	1207	6077	14014	106
1209	6862	12844	125	1261	7837	13141	105	1306	5926	15884	167
1308	6481	13996	131	1310	7354	13637	131	1312	8603	14739	154
1364	9807	17898	194	1404	4697	17607	195	1405	5092	17293	202
1407	6308	15266	157	1409	7025	14375	157	1411	8063	14305	142
1506	6038	16461	172	1508	6783	15221	174	1510	7647	14766	157
1562	8837	15961	183	1607	6497	16152	168	1609	7335	15511	172
1704	4653	19088	233	1706	6185	16984	200	1708	7068	16277	185
1710	7972	15968	195	1712	8907	17378	201	1714	9510	19885	233
1807	6687	16954	188	1809	7577	16562	205	1859	8028	16622	207
1955	5356	17929	219	1906	6376	17665	236	1908	7277	17217	206
1910	8258	17274	214	1962	8981	19322	224	2007	6916	17810	229
2009	7845	17759	219	2106	6476	18361	237	2108	7389	18240	233
2110	8271	18806	227	2207	6859	18709	249	2259	7946	18890	244
2306	6179	19205	248	2358	7236	19043	259	2360	8003	19921	269
2312	8404	21917	270	2407	6669	19537	245	2409	7581	19967	266
2504	3766	23030	316	2506	5556	20297	290	2508	7012	20049	255
2510	8037	21049	276	2605	4098	22940	330	2607	5838	20434	283
2659	7245	20629	269	2661	8135	22965	316	2750	7533	21758	291
2755	4098	23323	330	2707	5485	21012	305	2708	6383	20909	288
2709	7059	21095	280	2762	7968	24582	370	2771	7988	23344	347
2804	3993	24756	449	2806	4635	22167	326	2807	5350	21446	318
2808	6265	21263	311	2809	6937	21457	287	2860	7462	22257	282
2955	4439	23610	347	2907	5275	21816	328	2909	6803	21902	282
2911	7608	23964	372	3005	4727	23016	345	3008	5852	22189	321
3009	5891	24625	405	3058	5996	21820	315	3059	6740	25177	404
3060	7206	23170	367	3062	7466	24814	385	3105	4514	25266	475
3107	5281	23037	361	3109	6445	22774	363	3111	7139	23913	389
3163	7422	25846	453	3204	4058	26413	469	3208	5779	23528	390
3260	6582	23963	401	3306	4578	26471	482	3307	5323	25035	446
3404	4214	27485	497	3456	4899	26447	479	3556	4585	27361	489
3511	5864	26641	473	3610	5475	27167	473	3612	6148	27319	483
3756	4449	29334	507	3759	5270	28067	489	3761	5780	27879	495
3807	4737	29866	496	3882	5886	28822	523	3890	6601	28610	532
3908	5280	30543	530	3909	5410	30103	522	3910	5797	29755	523

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 16 JUN 1981
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
93601	4678	13641	93602	4662	13436	93603	4697	13410
93604	4846	13541	93605	4873	13619	93606	4968	13668
93607	4914	13999	93608	5017	14059	93609	5122	14005
93610	5218	13824	93611	5186	13552	93612	5218	13453
93613	5157	13236	93614	5110	13059	93615	5140	12963
93616	5148	12865	93617	5318	12730	93618	5555	12597
93619	5738	12495	93620	5760	12435	93621	5872	12390
93622	5966	12357	93623	6069	12320	93624	6098	12267
93625	6175	12244	93626	6292	12235	93627	6363	12211
93628	6472	12209	93629	6562	12176	93630	6693	12067
93631	6743	12064	93632	6838	12068	93633	6894	12010
93634	6906	12001	93635	6960	12026	93636	7095	12112
93637	7233	12165	93638	7382	12189	93639	7529	12249
93640	7617	12292	93641	7768	12376	93642	7913	12438
93643	8010	12527	93644	8100	12613	93645	8140	12620
93646	8238	12597	93647	8354	12544	93648	8463	12548
93649	8539	12550	93650	8686	12530	93651	8681	12546
93652	8742	12568	93653	8823	12708	93654	8890	12786
93655	9017	12799	93656	9061	12760	93657	9162	12658
93658	9190	12692	93659	9269	12704	93660	9348	12753
93661	9368	12830	93662	9253	12899	93663	9231	12889
93664	9220	12948	93665	9249	12986	93666	9329	12998
93667	9339	13079	93668	9194	13203	93669	9141	13274
93670	9254	13418	93671	9410	13497	93672	9503	13522
93673	9626	13536	93674	9704	13468	93675	9728	13451
93676	9679	13347	93677	9687	13318	93678	9708	13306
93679	9846	13297	93680	9913	13234	93681	9997	13265
93682	9968	13321	93683	9894	13315	93684	9910	13369
93685	10038	13419	93690	10429	13665	93687	10309	13622
93688	10342	13677	93689	10378	13698	93691	10506	13702
93692	10564	13746						

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 1 SEP 1981
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

GLACIER POINTS

ID #	X	Y	Z	ID #	X	Y	Z	ID #	X	Y	Z
462	9216	13116	35	509	9942	13654	77	613	9607	13835	100
714	9940	14898	119	752	9274	13437	43	813	9467	14827	144
855	5270	14497	86	905	5481	14943	128	906	5402	13426	83
964	9770	15779	146	1005	5437	15566	160	1006	5738	14001	108
1007	5653	12804	87	1063	9459	15788	150	1154	4845	16438	170
1108	6211	12807	100	1112	8357	13648	89	1114	9756	16569	169
1205	5278	16507	181	1207	6050	13889	101	1209	6938	12416	45
1306	5929	15815	161	1308	6468	13804	108	1310	7378	13356	92
1312	8601	14613	137	1364	9816	17890	185	1404	4680	17593	187
1405	5075	17269	196	1407	6300	15137	148	1409	7011	14158	132
1411	8059	14081	119	1506	6043	16375	163	1508	6765	15056	155
1510	7629	14563	139	1562	8854	15827	171	1607	6494	16031	160
1609	7316	15341	149	1704	4653	19078	225	1706	6193	16885	182
1708	7063	16132	173	1710	7962	15799	176	1712	8923	17281	191
1714	9520	19881	226	1807	6689	16834	176	1809	7572	16409	191
1859	8033	16469	196	1955	5351	17884	208	1906	6395	17553	221
1908	7284	17083	194	1910	8271	17136	201	1962	8998	19283	216
2007	6945	17688	216	2009	7864	17620	209	2154	4945	19669	258
2106	6504	18251	230	2108	7418	18108	215	2110	8305	18687	218
2207	6893	18589	237	2259	7984	18764	230	2306	6216	19098	237
2358	7275	18918	246	2360	8046	19817	257	2312	8417	21900	265
2407	6711	19422	239	2409	7624	19855	256	2504	3743	23021	308
2506	5577	20199	274	2508	7060	19933	245	2510	8072	20975	269
2605	4078	22904	321	2607	5895	20317	272	2659	7294	20513	259
2661	8145	22922	310	2750	7570	21671	284	2755	4071	23296	323
2707	5533	20866	284	2708	6443	20781	273	2709	7112	20978	272
2762	7973	24577	365	2771	8005	23297	329	2804	4011	24774	449
2806	4632	22059	318	2807	5360	21325	306	2808	6318	21131	297
2809	6988	21339	278	2860	7488	22162	279	2955	4409	23527	340
2907	5298	21680	315	2909	6843	21780	280	2911	7644	23903	365
3005	4703	22901	334	3008	5875	22024	315	3058	6039	21670	312
3009	5891	24451	394	3059	6769	25022	398	3060	7224	23042	357
3062	7483	24749	379	3105	4530	25192	463	3107	5265	22883	352
3109	6473	22608	334	3111	7169	23801	383	3163	7416	25760	424
3204	4067	26381	463	3208	5757	23362	372	3260	6592	23808	392
3306	4588	26409	475	3307	5339	24864	426	3404	4243	27447	493
3456	4903	26341	471	3556	4606	27304	486	3559	5482	26135	468
3511	5849	26504	468	3610	5464	27058	472	3612	6095	27217	476
3759	5257	27980	485	3761	5745	27781	489	3768	4465	29207	517
3882	5848	28737	519	3890	6560	28525	524	3819	4737	29796	517
3908	5188	30547	530	3910	5771	29703	520	3911	5377	30083	523

TABLE 3 (CONTINUED) PHOTOGRAMMETRIC SURFACE POSITIONS. 1 SEP 1981
UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

TERMINUS POINTS

ID #	X	Y	ID #	X	Y	ID #	X	Y
93701	4688	13929	93702	4742	14011	93703	4769	14094
93704	4784	14114	93705	4781	14039	93706	4779	13945
93707	4781	13786	93708	4806	13732	93709	4939	13727
93710	4920	13903	93711	4898	14020	93712	4993	14071
93713	5087	14070	93714	5162	13978	93715	5193	13904
93716	5197	13811	93717	5172	13748	93718	5149	13605
93719	5237	13510	93720	5211	13329	93721	5168	13138
93722	5083	13006	93723	5088	12926	93724	5190	12866
93726	5477	12665	93727	5671	12599	93728	5747	12524
93729	5908	12414	93730	6009	12374	93731	6124	12361
93732	6255	12394	93733	6395	12416	93734	6509	12432
93735	6629	12397	93736	6761	12362	93738	7032	12382
93739	7152	12412	93741	7328	12544	93742	7415	12675
93743	7457	12816	93744	7473	12956	93745	7526	13143
93746	7572	13237	93747	7620	13332	93748	7758	13374
93749	7952	13394	93750	8092	13309	93751	8202	13191
93752	8244	13118	93753	8305	12965	93754	8384	12943
93755	8457	12918	93756	8531	12850	93757	8587	12704
93758	8638	12610	93759	8728	12559	93760	8775	12562
93761	8819	12663	93762	8869	12739	93763	8917	12769
93764	8974	12820	93765	9034	12799	93766	9118	12694
93767	9174	12660	93768	9293	12715	93769	9271	12886
93770	9198	12951	93771	9228	12984	93772	9327	13022
93773	9334	13083	93774	9162	13220	93775	9181	13285
93776	9194	13413	93777	9365	13471	93778	9426	13506
93779	9579	13562	93780	9645	13536	93781	9719	13481
93782	9725	13396	93783	9681	13325	93784	9761	13303
93785	9865	13316	93786	9946	13394	93787	10062	13443
93788	10196	13553	93789	10311	13622	93790	10344	13696
93791	10420	13674	93792	10436	13675	93793	10492	13684
93794	10563	13741						

TABLE 4

CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

24 JUL 1976

1 OCT 1976

ID #	X	Y	Z	VX	VY
108	7910.0	11842.0	83	-42	-100
109	8408.5	11675.0	34	5	-36
153	5651.0	13081.0	84	-1100	-978
158	8035.5	12078.0	99	-36	-100
203	5767.0	13327.0	112	-804	-920
208	8127.0	12251.0	108	-21	-148
252	5440.5	13769.0	115	-397	-142
253	5911.0	13533.0	120	-561	-878
257	7697.0	12671.0	100	-254	-1073
258	8260.5	12534.0	107	36	-269
302	5535.5	13931.0	115	-397	-365
303	5985.5	13717.0	119	-397	-840
304	6485.0	13496.0	116	-423	-1222
305	6984.5	13316.0	117	-460	-1428
306	7390.5	13125.0	99	-492	-1306
307	7857.0	12939.0	117	-370	-846
308	8417.5	12880.0	126	26	-301
309	8825.0	12677.0	101	148	-169
351	5191.5	14345.0	86	-111	-137
352	5638.5	14101.0	117	-280	-449
353	6104.5	13862.0	112	-333	-893
354	6571.5	13681.0	126	-386	-1184
355	7044.0	13513.0	123	-423	-1349
356	7465.5	13369.0	114	-428	-1243
357	7990.0	13268.0	114	-296	-793
358	8534.5	13150.0	113	15	-248
359	9035.0	12963.0	96	84	-100
401	5219.5	14459.0	92	-79	-137
402	5696.0	14338.0	117	-148	-465
403	6102.0	14177.0	120	-285	-888
404	6678.0	13975.0	144	-338	-1169
405	7164.0	13868.0	131	-317	-1195
406	7568.5	13694.0	121	-354	-1158
407	8066.0	13615.0	117	-285	-851
408	8589.5	13508.0	121	-79	-317
409	9133.5	13357.0	97	26	-84
451	5187.0	14632.0	110	-52	-121
452	5717.0	14472.0	125	-116	-465
453	6225.5	14308.0	141	-312	-973
454	6681.0	14228.0	160	-307	-1116
455	7240.0	14081.0	139	-296	-1153
456	7616.0	13985.0	140	-296	-1105
457	8120.5	13922.0	128	-269	-920
458	8704.5	13807.0	129	-111	-306
459	9260.5	13680.0	110	26	-89
501	5238.5	14835.0	124	-58	-100

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 24 JUL 1976 1 OCT 1976

ID #	X	Y	Z	VX	VY
502	5802.0	14659.0	123	-105	-507
503	6227.5	14600.0	162	-291	-941
504	6810.0	14429.0	169	-275	-1084
505	7319.5	14356.0	145	-259	-1073
506	7791.5	14304.0	151	-280	-1036
507	8218.5	14229.0	147	-248	-888
508	8725.5	14168.0	142	-142	-412
509	9290.0	14134.0	132	0	-95
601	5359.5	15136.0	148	-47	-127
602	5914.0	15074.0	170	-116	-513
603	6369.0	15001.0	174	-169	-766
604	6809.5	14950.0	174	-206	-878
605	7383.5	14887.0	155	-206	-952
606	7852.5	14853.0	164	-216	-967
607	8296.5	14811.0	161	-195	-857
608	8816.0	14763.0	155	-105	-449
609	9375.5	14671.0	160	5	-116
701	5378.0	15583.0	177	-21	-105
702	5882.0	15547.0	182	-42	-359
703	6444.5	15461.0	177	-111	-682
704	6894.0	15427.0	185	-137	-819
705	7408.5	15392.0	172	-153	-888
706	7924.5	15377.0	176	-153	-904
707	8375.5	15351.0	171	-153	-819
708	8883.5	15314.0	181	-89	-486
709	9455.5	15314.0	166	-5	-137
801	5451.5	15999.0	184	5	-132
802	5961.5	15930.0	188	-5	-370
803	6460.0	15892.0	184	-63	-629
804	6939.5	15861.0	189	-100	-724
805	7504.5	15852.0	192	-111	-846
806	7961.5	15821.0	201	-111	-883
807	8453.5	15810.0	192	-89	-804
808	8986.0	15840.0	193	-31	-497
809	9505.5	15844.0	180	-5	-142
900	4862.0	16405.0	190	-10	-5
901	5424.0	16378.0	201	0	-137
902	5950.0	16390.0	192	10	-365
903	6499.5	16366.0	188	-26	-592
904	6971.0	16333.0	198	-42	-698
905	7541.5	16342.0	211	-58	-798
906	7949.0	16319.0	215	-42	-830
907	8456.5	16312.0	199	-26	-740
908	9031.5	16308.0	202	15	-470
1000	4935.5	16762.0	205	-79	-63
1001	5417.5	16753.0	215	5	-148
1002	5955.5	16752.0	208	47	-375

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 24 JUL 1976 1 OCT 1976

ID #	X	Y	Z	VX	VY
1003	6476.0	16733.0	197	10	-576
1004	6988.0	16709.0	202	-10	-666
1005	7560.0	16729.0	216	-10	-740
1006	7974.0	16760.0	222	10	-761
1007	8464.5	16768.0	213	15	-719
1008	8934.0	16808.0	205	31	-528
1009	9561.0	16847.0	195	42	-132
1100	4883.5	17092.0	208	-100	-84
1101	5437.0	17072.0	218	-31	-195
1102	5950.0	17155.0	229	21	-401
1103	6450.5	17123.0	212	36	-576
1104	6985.0	17137.0	210	21	-650
1105	7519.5	17172.0	220	36	-708
1106	7991.5	17222.0	222	47	-735
1107	8447.5	17215.0	223	58	-719
1108	8957.5	17239.0	211	68	-528
1200	4851.5	17435.0	205	-100	-100
1201	5385.0	17526.0	219	-52	-222
1202	5901.0	17539.0	242	10	-391
1203	6406.5	17552.0	242	79	-581
1204	6884.0	17608.0	233	74	-650
1205	7475.0	17652.0	227	74	-703
1206	7918.0	17712.0	230	84	-730
1207	8438.5	17700.0	229	79	-698
1301	5268.0	17922.0	229	-31	-222
1302	5818.0	17963.0	249	52	-386
1303	6341.5	18045.0	254	111	-534
1304	6806.0	18069.0	247	116	-634
1305	7384.5	18141.0	240	121	-682
1306	7857.5	18215.0	243	163	-693
1401	5223.0	18307.0	251	21	-232
1402	5748.5	18391.0	253	100	-401
1403	6249.5	18461.0	250	142	-523
1404	6734.5	18534.0	254	153	-597
1405	7247.0	18549.0	254	148	-650
1502	5717.0	18825.0	259	137	-454
1503	6200.5	18888.0	250	163	-523
1504	6633.5	18952.0	252	163	-576
1602	5590.0	19272.0	260	158	-460
1603	6045.5	19329.0	258	174	-550

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 1 OCT 1976 17 NOV 1976

ID #	X	Y	Z	VX	VY
108	7905.5	11831.0	79	-7	-31
303	5904.5	13563.0	123	-676	-1157
304	6406.5	13248.0	104	-598	-2057
305	6900.0	13046.0	97	-637	-2088
306	7288.0	12863.0	83	-870	-2158
307	7766.0	12761.0	105	-870	-1514
308	8420.0	12830.0	119	0	-333
309	8849.0	12652.0	100	155	-132
351	5174.5	14323.0	83	-101	-139
352	5591.5	14030.0	116	-318	-442
353	6044.0	13701.0	112	-450	-1196
354	6497.5	13461.0	110	-582	-1677
355	6962.0	13258.0	105	-652	-1980
356	7379.5	13125.0	96	-707	-1964
357	7922.5	13109.0	112	-613	-1304
358	8535.0	13110.0	113	-15	-263
359	9048.5	12948.0	93	85	-85
401	5208.0	14437.0	88	-62	-139
402	5673.0	14259.0	114	-139	-543
403	6055.5	14018.0	106	-303	-1157
404	6613.5	13759.0	122	-505	-1638
405	7100.5	13637.0	115	-520	-1832
406	7496.5	13467.0	105	-598	-1825
407	8007.5	13451.0	111	-489	-1296
408	8575.5	13450.0	118	-101	-434
409	9138.0	13344.0	98	31	-69
451	5179.5	14613.0	106	-38	-116
452	5698.5	14393.0	119	-116	-535
453	6174.5	14134.0	116	-334	-1265
454	6624.0	14020.0	140	-435	-1599
455	7184.0	13862.0	123	-435	-1708
456	7558.0	13772.0	125	-466	-1685
457	8066.5	13749.0	115	-443	-1335
458	8682.5	13749.0	129	-178	-442
501	5230.5	14820.0	121	-38	-93
502	5787.5	14570.0	116	-69	-636
503	6179.5	14428.0	138	-318	-1289
504	6760.0	14225.0	152	-372	-1576
505	7270.5	14151.0	131	-380	-1607
506	7738.5	14106.0	138	-412	-1553
507	8168.0	14059.0	137	-419	-1335
553	6315.0	14594.0	163	-326	-1327
554	6814.5	14472.0	161	-318	-1498
555	7242.5	14424.0	142	-318	-1498
556	7658.5	14373.0	148	-380	-1483
602	5895.5	14984.0	159	-116	-644

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 1 OCT 1976 – 17 NOV 1976

ID #	X	Y	Z	VX	VY
605	7346.5	14708.0	145	-272	-1382
606	7810.5	14671.0	156	-334	-1413
702	5877.0	15483.0	178	-15	-466
705	7381.5	15227.0	163	-194	-1250
804	6921.5	15725.0	183	-132	-1048
805	7485.0	15696.0	179	-139	-1172
904	6962.0	16205.0	194	-77	-962
905	7530.5	16196.0	201	-85	-1102
1004	6985.5	16587.0	200	-23	-916
1005	7557.5	16592.0	211	-23	-1032
1104	6988.0	17020.0	204	15	-869
1105	7524.5	17043.0	216	23	-955
1204	6896.0	17492.0	227	77	-846
1205	7487.0	17526.0	223	77	-924

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 17 NOV 1976 19 JAN 1977

ID #	X	Y	Z	VX	VY
108	7899.5	11825.0	77	-63	-46
158	8028.5	12066.0	94	-54	-46
203	5620.0	13162.0	85	-1103	-1211
208	8119.5	12230.0	105	-85	-108
252	5357.0	13736.0	111	-714	-310
253	5805.5	13381.0	114	-815	-1063
257	7586.5	12452.0	77	-1344	-1825
258	8265.0	12492.0	107	15	-256
302	5470.0	13873.0	112	-435	-365
158	8019.0	12060.0	92	-69	-34
208	8107.0	12215.0	103	-81	-86
252	5254.5	13689.0	102	-655	-312
253	5669.0	13211.0	94	-974	-1181
258	8266.5	12458.0	108	5	-202
302	5403.5	13822.0	112	-446	-318
303	5789.0	13389.0	119	-834	-1153
304	6315.5	12920.0	92	-608	-2271
307	7641.5	12535.0	95	-794	-1494
308	8420.5	12786.0	113	5	-260
309	8872.0	12631.0	101	150	-144
351	5161.0	14304.0	85	-81	-115
352	5544.0	13970.0	116	-313	-365
353	5968.5	13523.0	121	-539	-1164
354	6407.0	13190.0	109	-614	-1883
355	6868.0	12958.0	98	-603	-2004
356	7276.0	12841.0	88	-672	-1830
358	8533.5	13073.0	116	-5	-225
359	9058.5	12936.0	93	52	-75
367	7666.5	12958.0	103	-666	-1500
401	5199.0	14417.0	88	-58	-127
402	5649.0	14183.0	112	-173	-469
403	6005.5	13853.0	108	-353	-1048
404	6535.5	13523.0	114	-527	-1512
405	7018.0	13371.0	107	-568	-1714
406	7405.0	13205.0	95	-614	-1674
407	7931.5	13266.0	113	-516	-1181
408	8562.0	13389.0	118	-81	-376
409	9141.5	13334.0	101	17	-69
451	5173.0	14597.0	106	-46	-104
452	5681.0	14316.0	117	-115	-492
453	6126.0	13954.0	105	-313	-1147
454	6555.5	13790.0	126	-469	-1471
455	7111.5	13608.0	115	-516	-1662
456	7481.0	13523.0	114	-544	-1627
457	7997.5	13554.0	111	-469	-1262
458	8660.5	13686.0	130	-121	-405

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 17 NOV 1976 19 JAN 1977

ID #	X	Y	Z	VX	VY
501	5224.0	14806.0	121	-46	-92
502	5774.0	14477.0	114	-104	-602
503	6133.0	14244.0	118	-301	-1164
504	6698.0	13993.0	141	-440	-1512
505	7210.0	13914.0	125	-417	-1552
506	7674.5	13876.0	127	-434	-1506
507	8106.0	13860.0	125	-405	-1303
553	6263.5	14398.0	145	-353	-1280
554	6762.0	14249.0	151	-371	-1465
555	7189.5	14199.0	134	-376	-1488
556	7599.0	14148.0	142	-405	-1506
602	5877.0	14888.0	148	-127	-637
605	7301.0	14496.0	139	-324	-1419
606	7757.5	14457.0	150	-365	-1419
702	5873.0	15411.0	177	-34	-480
705	7348.0	15035.0	156	-243	-1292
804	6899.0	15562.0	180	-162	-1112
805	7460.5	15515.0	171	-179	-1228
904	6948.5	16055.0	190	-98	-1019
905	7514.5	16024.0	191	-121	-1170
1004	6981.0	16442.0	198	-34	-990
1005	7550.5	16430.0	206	-63	-1106
1104	6989.5	16882.0	201	5	-944
1105	7527.0	16893.0	215	11	-1031
1204	6908.0	17358.0	222	81	-927
1205	7500.0	17379.0	222	92	-1013

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 19 JAN 1977 7 MAR 1977

ID #	X	Y	Z	VX	VY
108	7887.5	11813.0	74	-101	-124
158	8009.0	12051.0	91	-62	-93
208	8095.0	12200.0	104	-77	-116
258	8269.5	12426.0	109	38	-232
302	5329.0	13771.0	108	-559	-365
303	5651.5	13222.0	100	-1017	-1056
307	7516.5	12319.0	93	-878	-1343
308	8424.5	12747.0	108	54	-263
309	8898.0	12606.0	96	201	-201
351	5148.0	14286.0	86	-93	-116
352	5493.0	13916.0	115	-372	-349
353	5873.0	13343.0	126	-761	-1242
354	6312.0	12906.0	105	-652	-1887
358	8535.0	13036.0	118	31	-271
359	9069.0	12922.0	91	93	-116
367	7567.5	12731.0	102	-645	-1522
401	5189.0	14398.0	87	-77	-124
402	5619.0	14111.0	113	-233	-489
403	5944.5	13698.0	120	-474	-1001
404	6453.5	13294.0	118	-567	-1529
405	6934.0	13118.0	106	-543	-1623
406	7315.5	12956.0	92	-567	-1630
407	7852.0	13082.0	116	-543	-1265
408	8552.5	13332.0	116	-38	-388
409	9145.5	13322.0	99	38	-93
451	5164.5	14580.0	104	-69	-116
452	5660.0	14240.0	115	-170	-528
453	6073.5	13785.0	108	-396	-1067
454	6482.5	13571.0	117	-505	-1428
455	7031.5	13359.0	112	-551	-1638
456	7398.5	13279.0	106	-551	-1615
457	7925.5	13362.0	108	-489	-1281
458	8644.0	13624.0	125	-93	-419
501	5217.0	14790.0	121	-46	-116
502	5755.5	14383.0	113	-147	-652
503	6087.0	14072.0	105	-310	-1110
504	6628.5	13767.0	132	-489	-1491
505	7143.5	13677.0	122	-474	-1599
506	7606.5	13645.0	118	-474	-1568
507	8043.0	13663.0	114	-435	-1320
553	6209.0	14207.0	125	-372	-1258
554	6701.5	14026.0	144	-443	-1506
555	7130.5	13972.0	131	-412	-1537
556	7537.0	13917.0	135	-419	-1561
557	8086.0	13919.0	125	-403	-1397
602	5855.0	14788.0	137	-170	-691

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 19 JAN 1977 7 MAR 1977

ID #	X	Y	Z	VX	VY
603	6246.0	14479.0	153	-372	-1312
604	6683.5	14367.0	157	-365	-1452
605	7249.5	14276.0	135	-365	-1514
606	7700.5	14237.0	144	-396	-1522
702	5865.0	15333.0	175	-77	-566
704	6798.5	14907.0	166	-256	-1312
705	7309.0	14833.0	152	-279	-1405
804	6872.5	15384.0	176	-194	-1265
805	7431.5	15321.0	163	-209	-1358
904	6932.0	15891.0	184	-124	-1172
905	7494.0	15838.0	183	-155	-1312
1004	6974.0	16282.0	192	-62	-1164
1005	7538.5	16252.0	198	-101	-1289
1104	6991.0	16728.0	197	15	-1126
1105	7527.5	16725.0	211	-7	-1227
1204	6918.0	17209.0	213	46	-1071
1205	7513.5	17216.0	218	85	-1172

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 7 MAR 1977 23 APR 1977

ID #	X	Y	Z	VX	VY
108	7873.0	11792.0	68	-124	-194
158	8003.0	12037.0	91	-31	-124
208	8087.5	12183.0	105	-38	-147
258	8275.5	12397.0	110	54	-217
302	5264.0	13727.0	93	-450	-318
303	5534.0	13113.0	83	-808	-636
308	8431.5	12717.0	106	54	-201
309	8922.0	12582.0	88	170	-170
351	5137.0	14273.0	88	-77	-93
352	5452.5	13878.0	117	-256	-248
353	5771.5	13205.0	109	-815	-893
354	6260.5	12699.0	94	-147	-1335
358	8538.5	13006.0	120	23	-201
359	9079.5	12910.0	88	69	-77
367	7497.5	12550.0	104	-443	-1289
401	5181.0	14383.0	88	-46	-108
402	5592.5	14058.0	115	-178	-341
403	5884.0	13587.0	130	-466	-730
404	6385.0	13109.0	124	-497	-1351
405	6876.0	12929.0	111	-357	-1312
406	7252.5	12765.0	97	-412	-1335
407	7794.5	12935.0	117	-349	-1025
408	8549.5	13288.0	113	-7	-287
409	9149.5	13310.0	97	23	-93
452	5640.0	14181.0	115	-139	-388
453	6024.5	13662.0	119	-365	-815
454	6427.5	13407.0	121	-349	-1110
455	6972.5	13173.0	113	-365	-1258
456	7337.5	13094.0	104	-396	-1258
457	7870.0	13215.0	111	-372	-1009
458	8636.5	13576.0	122	-23	-326
501	5212.0	14776.0	123	-31	-108
502	5737.5	14310.0	114	-132	-481
503	6053.5	13947.0	108	-209	-831
504	6574.0	13596.0	128	-357	-1164
505	7087.5	13492.0	121	-396	-1273
506	7551.5	13463.0	115	-380	-1250
507	7994.0	13512.0	111	-326	-1025
553	6170.0	14066.0	117	-233	-931
554	6650.0	13852.0	141	-357	-1188
555	7082.0	13793.0	133	-341	-1242
556	7488.0	13737.0	130	-341	-1242
557	8038.5	13758.0	116	-334	-1102
602	5838.5	14708.0	131	-85	-551
603	6204.0	14328.0	141	-279	-1032
604	6639.0	14197.0	156	-326	-1188

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

7 MAR 1977

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ID #	X	Y	Z	VX	VY
605	7206.0	14100.0	135	-310	-1227
606	7655.0	14058.0	140	-310	-1258
607	8103.0	14085.0	135	-310	-1172
702	5855.5	15267.0	174	-69	-466
704	6768.0	14750.0	168	-217	-1133
705	7275.0	14666.0	152	-248	-1196
804	6848.5	15232.0	177	-178	-1095
805	7404.0	15158.0	162	-217	-1172
904	6916.5	15747.0	186	-116	-1063
905	7475.0	15679.0	180	-139	-1164
1004	6964.0	16140.0	191	-93	-1040
1005	7525.0	16094.0	197	-108	-1164
1104	6990.5	16589.0	197	-23	-1040
1105	7524.5	16574.0	212	-38	-1118
1204	6922.0	17074.0	206	15	-1017
1205	7521.5	17070.0	216	38	-1102

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 23 APR 1977 2 JUN 1977

ID #	X	Y	Z	VX	VY
158	8002.0	12015.0	95	18	-255
208	8086.5	12160.0	107	27	-246
258	8284.5	12368.0	112	100	-273
302	5220.0	13696.0	87	-273	-191
303	5426.0	13034.0	77	-1022	-693
308	8441.0	12690.0	107	109	-255
309	8945.5	12558.0	83	228	-228
352	5418.5	13846.0	121	-319	-292
353	5675.5	13105.0	88	-794	-775
354	6220.0	12533.0	82	-566	-1450
358	8545.0	12977.0	125	91	-282
359	9091.5	12896.0	85	136	-164
367	7449.5	12399.0	110	-356	-1240
402	5568.5	14015.0	118	-228	-383
403	5824.0	13500.0	136	-547	-730
404	6325.5	12956.0	123	-502	-1195
405	6834.0	12764.0	114	-346	-1478
406	7207.5	12607.0	105	-337	-1314
407	7756.0	12815.0	122	-292	-976
408	8552.5	13251.0	114	63	-346
409	9157.0	13295.0	99	109	-164
452	5620.5	14132.0	120	-191	-428
453	5978.5	13565.0	133	-410	-812
454	6383.5	13275.0	134	-392	-1104
455	6932.5	13027.0	120	-301	-1186
456	7294.0	12950.0	109	-328	-1149
457	7829.0	13096.0	118	-310	-976
458	8635.0	13535.0	124	0	-365
502	5721.5	14250.0	118	-136	-520
503	6023.5	13850.0	116	-301	-802
504	6533.0	13461.0	131	-328	-1085
505	7044.5	13344.0	122	-319	-1204
506	7506.5	13318.0	116	-374	-1177
507	7958.5	13392.0	115	-264	-985
553	6142.0	13956.0	119	-237	-903
554	6609.0	13713.0	140	-328	-1149
555	7042.0	13646.0	137	-328	-1213
556	7448.0	13590.0	130	-328	-1222
557	8002.0	13628.0	115	-273	-1076
602	5828.5	14639.0	131	-82	-611
603	6170.5	14209.0	134	-283	-958
604	6600.0	14057.0	155	-328	-1158
605	7169.5	13955.0	139	-301	-1204
606	7619.5	13911.0	139	-283	-1195
607	8069.0	13947.0	131	-255	-1140
702	5846.5	15204.0	176	-82	-593

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

23 APR 1977

2 JUN 1977

ID #	X	Y	Z	VX	VY
704	6742.5	14613.0	175	-210	-1167
705	7245.5	14522.0	158	-246	-1222
804	6827.0	15101.0	181	-182	-1104
805	7379.5	15018.0	164	-191	-1186
904	6901.5	15619.0	190	-136	-1085
905	7458.5	15539.0	182	-136	-1177
1004	6953.5	16016.0	194	-82	-1040
1005	7512.5	15955.0	199	-100	-1158
1104	6987.0	16464.0	201	-36	-1049
1105	7520.5	16439.0	215	-27	-1140
1204	6925.0	16953.0	206	36	-1012
1205	7526.0	16938.0	219	36	-1104
8001	8544.5	13787.0	125	-136	-584
8002	8363.5	13426.0	119	-118	-611
8003	8318.5	13281.0	119	-82	-556
8004	8345.0	13091.0	120	-36	-419
8005	8264.0	12921.0	128	-18	-492
8007	8200.0	12529.0	116	54	-365
8008	8118.0	12433.0	117	0	-383
8009	7960.0	12309.0	105	-73	-428
8010	7837.5	12145.0	98	-100	-510
8013	8216.0	13417.0	115	-182	-757
8014	8188.5	13263.0	117	-155	-675
8015	8086.5	13058.0	121	-173	-666
8016	8017.5	12825.0	129	-100	-647
8017	7958.5	12680.0	127	-155	-702
8019	7808.5	12462.0	108	-173	-802
8020	7717.5	12328.0	103	-191	-802
8021	7665.0	12138.0	98	-200	-939
8022	7856.0	13761.0	125	-292	-1158
8023	7738.0	13618.0	116	-328	-1167
8024	7684.5	13406.0	116	-356	-1149
8025	7651.5	13207.0	113	-356	-1122
8026	7559.5	13061.0	112	-356	-1131
8027	7510.5	12856.0	108	-337	-1113
8028	7433.5	12701.0	108	-319	-1131
8029	7601.0	12620.0	118	-273	-1085
8030	7503.0	12511.0	114	-292	-1140
8031	7375.5	12573.0	111	-337	-1231
8032	7290.5	12437.0	107	-337	-1432
8033	7104.0	12451.0	107	-529	-1605
8034	7460.5	13956.0	141	-228	-1250
8035	7403.0	13804.0	131	-182	-958
8036	7301.5	13634.0	131	-301	-1240
8037	7272.5	13465.0	125	-356	-1204
8038	7244.5	13264.0	118	-356	-1195
8039	7186.0	13108.0	113	-328	-1186

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 23 APR 1977 2 JUN 1977

ID #	X	Y	Z	VX	VY
8040	7122.0	12957.0	115	-310	-1186
8041	7068.0	12791.0	116	-748	-1669
8042	6949.5	12682.0	119	-483	-1532
8043	6897.0	12462.0	97	-821	-1706
8044	6758.5	12510.0	99	-703	-1615
8045	7076.0	14026.0	146	-273	-1204
8046	6990.5	13881.0	144	-210	-1213
8047	6942.0	13680.0	139	-328	-1204
8048	6903.5	13518.0	133	-337	-1213
8049	6855.0	13356.0	128	-328	-1195
8050	6799.0	13163.0	125	-328	-1177
8051	6791.5	13016.0	126	-337	-1177
8052	6661.0	12800.0	118	-493	-1368
8053	6650.5	12712.0	116	-703	-1642
8054	6619.0	12545.0	99	-474	-1624
8055	6894.5	14041.0	154	-301	-1195
8056	6896.0	13886.0	145	-328	-1186
8059	6672.0	13406.0	129	-328	-1140
8060	6666.5	13258.0	125	-319	-1149
8062	6526.0	12901.0	125	-438	-1314
8064	6549.5	14165.0	159	-301	-1140
8065	6514.0	13989.0	147	-310	-1122
8066	6430.0	13870.0	134	-310	-1076
8067	6379.0	13707.0	125	-292	-1022
8068	6332.0	13593.0	124	-292	-967
8069	6316.5	13460.0	129	-337	-976
8070	6265.5	13295.0	135	-392	-1058
8071	6226.0	13110.0	135	-474	-1177
8072	6183.0	12978.0	127	-511	-1131
8073	6100.5	12837.0	110	-538	-1076
8075	6355.5	14211.0	150	-319	-1095
8076	6342.0	14068.0	135	-310	-1058
8077	6295.0	13879.0	120	-292	-1003
8078	6258.5	13776.0	116	-301	-958
8079	6200.0	13607.0	119	-310	-894
8080	6144.5	13461.0	132	-374	-894
8081	6058.0	13282.0	144	-511	-985
8083	5991.5	12985.0	121	-538	-875
8084	5936.0	12860.0	112	-620	-939
8085	5861.5	12678.0	103	-666	-912
8087	5795.0	12904.0	104	-657	-830
8088	5620.0	12836.0	100	-566	-702
8089	6026.0	14395.0	127	-219	-875
8090	5941.5	14175.0	113	-191	-757
8091	5904.5	14053.0	117	-191	-711
8092	5846.0	13867.0	121	-292	-657
8093	5856.0	13687.0	129	-420	-693

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 23 APR 1977 2 JUN 1977

ID #	X	Y	Z	VX	VY
8095	5653.5	13414.0	119	-666	-802
8096	5841.0	13201.0	132	-675	-894
8097	5602.5	13282.0	101	-830	-739
8098	5446.5	13201.0	82	-849	-629
8099	5807.5	14146.0	111	-173	-620
8100	5709.5	13982.0	122	-246	-538
8101	5652.5	13788.0	132	-356	-510
8102	5540.5	13668.0	128	-447	-501
8103	5483.0	13499.0	114	-767	-748
8104	5400.0	13384.0	89	-803	-574

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 2 JUN 1977 7 JUL 1977

ID #	X	Y	Z	VX	VY
210	8315.0	12356.0	118	62	-260
306	6298.5	12524.0	104	-427	-1126
307	6821.0	12580.0	101	-333	-1251
308	7200.5	12722.0	117	-260	-917
309	7821.5	12674.0	110	-156	-698
310	8290.5	12871.0	129	10	-365
311	8684.0	12936.0	125	62	-208
312	9190.0	12894.0	74	125	-125
405	5723.5	13006.0	104	-719	-594
406	6177.0	13061.0	133	-417	-844
407	6742.5	13186.0	128	-281	-875
408	7164.5	13378.0	128	-281	-907
409	7738.5	13215.0	119	-260	-792
410	8203.0	13374.0	117	-125	-542
411	8680.0	13410.0	120	20	-250
412	9118.0	13444.0	97	41	-135
413	9688.0	13452.0	99	62	-177
505	5636.5	13518.0	115	-511	-552
506	6175.0	13556.0	120	-271	-677
507	6596.5	13610.0	137	-281	-855
508	7120.5	13636.0	134	-260	-907
509	7589.5	13810.0	139	-239	-896
510	8158.0	13776.0	128	-187	-750
511	8679.0	13838.0	132	-83	-344
512	9098.5	13862.0	142	52	-177
514	******	14017.0	98	20	-31
605	5550.5	13971.0	122	-239	-292
606	6075.0	14037.0	118	-187	-636
607	6650.0	14064.0	158	-250	-865
608	7107.5	14072.0	149	-219	-886
609	7615.0	14176.0	152	-208	-907
610	8108.0	14206.0	152	-208	-855
611	8564.5	14298.0	153	-135	-573
612	8978.5	14383.0	157	-10	-312
613	9471.0	14434.0	143	41	-166
615	******	14634.0	95	10	0
705	5550.5	14575.0	140	-114	-260
706	6097.5	14580.0	155	-135	-698
707	6572.5	14556.0	178	-198	-855
708	6983.5	14668.0	177	-156	-865
709	7608.5	14722.0	166	-177	-907
710	7968.0	14735.0	170	-166	-907
711	8465.5	14784.0	172	-114	-740
712	9005.0	14855.0	166	-20	-365
714	9970.0	14965.0	148	41	-52
805	5533.0	15004.0	158	-20	-239

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

2 JUN 1977

7 JUL 1977

ID #	X	Y	Z	VX	VY
806	6051.5	15000.0	177	-239	-646
807	6505.5	15054.0	177	-135	-761
808	6940.0	15092.0	186	-125	-782
809	7507.0	15210.0	174	-125	-855
810	7956.5	15247.0	179	-135	-886
811	8375.5	15297.0	172	-114	-834
812	8869.5	15329.0	180	-52	-542
813	9436.0	15409.0	167	20	-208
906	5989.5	15472.0	180	-73	-469
907	6484.5	15603.0	183	-114	-709
908	6935.5	15597.0	192	-114	-813
909	7403.5	15604.0	184	-114	-875
910	7841.5	15737.0	201	-93	-917
911	8398.0	15745.0	195	-104	-865
912	8908.0	15844.0	200	0	-604
914	9863.0	15987.0	176	62	-93
916	******	16101.0	100	41	-10
1005	5366.5	16091.0	193	31	-125
1006	5976.0	16116.0	187	0	-469
1007	6452.0	16233.0	191	-41	-688
1008	6800.0	16176.0	195	-62	-782
1009	7343.0	16262.0	205	-62	-844
1010	7808.0	16234.0	216	-62	-896
1011	8379.0	16342.0	206	0	-855
1013	9326.5	16472.0	208	73	-354
1103	4362.0	16453.0	182	-104	-62
1104	4807.0	16575.0	197	-83	-72
1105	5397.0	16612.0	216	20	-208
1108	6785.0	16748.0	199	20	-771
1110	7796.5	16823.0	224	31	-875
1112	8801.5	16938.0	211	93	-698
1114	9779.0	17003.0	195	62	-114
1202	3763.0	16957.0	162	-208	-114
1203	4297.0	16980.0	199	-146	-41
1204	4732.5	16991.0	208	-156	-72
1205	5326.0	17061.0	224	-41	-239
1207	6321.5	17152.0	222	52	-657
1209	7258.0	17175.0	219	62	-802
1211	8219.5	17373.0	226	93	-855
1303	4314.5	17526.0	198	-198	-104
1306	5827.5	17661.0	250	-10	-490
1308	6745.5	17700.0	241	73	-855
1310	7632.0	17843.0	237	146	-865
1312	8679.0	17889.0	231	146	-719
1314	9619.0	18006.0	219	83	-145
1352	3803.5	17233.0	152	-219	-135
1404	4905.5	17980.0	235	-93	-239

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 2 JUN 1977 7 JUL 1977

ID #	X	Y	Z	VX	VY
1405	5278.0	18031.0	244	-41	-344
1407	6151.5	18113.0	253	135	-698
1409	7115.5	18234.0	248	177	-813
1411	8104.0	18268.0	240	166	-875
1506	5691.0	18547.0	256	104	-594
1508	6650.5	18696.0	257	198	-750
1510	7603.0	18722.0	262	208	-823
1512	8594.0	18810.0	237	146	-698
1514	9528.5	19020.0	230	73	-145
1607	6114.5	19094.0	258	219	-688
1609	7046.5	19177.0	265	219	-802
1704	4499.0	19331.0	266	20	-52
1706	5574.5	19545.0	274	219	-740
1708	6550.5	19646.0	257	239	-792
1710	7487.5	19727.0	279	239	-813
1712	8499.0	19847.0	253	146	-573
1714	9417.5	20000.0	251	73	-72
1807	5928.0	20019.0	290	292	-813
1859	7358.0	20204.0	272	271	-782
1904	4494.0	20384.0	298	125	-323
1906	5455.5	20530.0	302	302	-834
1908	6409.5	20540.0	287	323	-844
1910	7427.0	20680.0	284	208	-750
1912	8374.0	20809.0	282	146	-437
2007	5846.0	21010.0	313	313	-917
2009	6855.5	21152.0	292	239	-959
2103	3973.0	21305.0	321	0	-229
2104	4396.5	21368.0	329	73	-490
2106	5361.0	21454.0	333	229	-928
2108	6283.0	21551.0	320	313	-875
2110	7292.0	21733.0	302	208	-677
2162	8436.5	21521.0	290	73	-229
2207	5687.5	22054.0	347	198	-969
2303	3742.5	22295.0	321	-93	-72
2304	4238.5	22313.0	330	-31	-354
2306	5160.5	22419.0	352	52	-928
2308	6235.5	22504.0	346	156	-1032
2407	5659.0	23031.0	381	-62	-1095
2409	6626.0	23203.0	397	62	-969
2504	4072.5	23366.0	340	-114	-145
2506	5098.0	23476.0	367	-229	-865
2508	6097.5	23574.0	401	-93	-1095
2510	7062.0	23678.0	397	83	-834
2512	8194.0	23845.0	359	41	-72
2605	4455.5	23937.0	360	-93	-437
2607	5480.0	23993.0	388	-125	-949
2609	6472.0	24192.0	410	20	-1063

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 2 JUN 1977 7 JUL 1977

ID #	X	Y	Z	VX	VY
2705	4407.5	24434.0	372	-73	-490
2706	4979.0	24550.0	387	-41	-855
2707	5451.5	24554.0	407	-10	-1063
2708	5954.5	24635.0	413	73	-1126
2709	6438.0	24669.0	406	208	-1095
2710	6923.5	24755.0	397	219	-896
2711	7451.5	24777.0	393	135	-458
2804	3963.0	25010.0	481	0	-52
2805	4506.0	24984.0	472	187	-698
2806	4962.0	25060.0	458	104	-1063
2807	5423.0	25029.0	454	146	-1136
2808	5926.5	25061.0	440	239	-1199
2809	6399.0	25098.0	420	250	-1115
2810	6864.5	25106.0	407	156	-949
2811	7483.0	25220.0	396	104	-417
2905	4422.0	25495.0	485	83	-323
2907	5383.5	25487.0	472	219	-1063
2909	6324.5	25639.0	458	198	-1167
2911	7337.5	25710.0	445	31	-657
3006	4895.0	26053.0	483	83	-719
3008	5874.0	26072.0	475	83	-1053
3010	6881.5	26231.0	510	-198	-865
3012	7763.0	26326.0	544	-187	-198
3058	5844.0	25813.0	470	125	-1147
3105	4336.0	26474.0	481	83	-333
3109	6293.5	26632.0	494	-198	-896
3113	8227.5	26828.0	537	-219	-166
3208	5852.0	27211.0	485	-271	-782
3305	4235.5	27700.0	512	114	-281
3307	5170.0	27693.0	485	-166	-740
3309	6120.0	27880.0	511	-333	-657
3313	8150.0	28034.0	530	-396	-385
3404	3689.5	28043.0	531	239	-83
3406	4683.0	28113.0	513	83	-354
3408	5561.0	28274.0	508	-229	-646
3410	6660.5	28368.0	531	-323	-604
3511	7003.0	28887.0	553	-354	-584
3555	4118.5	28280.0	531	135	-166
3559	6275.0	28789.0	535	-292	-604
3563	8122.0	29117.0	537	-375	-510
3610	6472.0	29341.0	548	-333	-584
3612	7386.5	29356.0	569	-344	-552
3658	5554.0	29377.0	524	-166	-417
3706	4583.0	29492.0	528	-83	-104
3709	5968.5	29724.0	541	-281	-479
3711	6900.0	29842.0	568	-354	-542
3808	5452.0	30122.0	534	-229	-292

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 2 JUN 1977 7 JUL 1977

ID #	X	Y	Z	VX	VY
3810	6411.5	30269.0	558	-302	-458
3854	3091.0	30185.0	539	-20	-41
3908	5422.0	30764.0	544	-62	-104
3909	5886.5	30765.0	550	-177	-239

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 7 JUL 1977 29 AUG 1977

ID #	X	Y	Z	VX	VY
209	7868.0	12269.0	90	-261	-117
210	8320.0	12333.0	113	27	-144
310	8288.0	12831.0	123	-41	-309
311	8692.0	12917.0	123	69	-124
312	9202.5	12884.0	68	89	-48
405	5625.5	12961.0	94	-875	-227
406	6136.0	12945.0	116	-289	-1046
407	6713.5	13066.0	111	-213	-1074
409	7693.5	13097.0	110	-447	-1095
410	8187.5	13308.0	117	-130	-550
411	8683.0	13384.0	117	27	-192
412	9123.0	13431.0	95	41	-89
413	9695.0	13436.0	93	55	-103
505	5571.0	13456.0	105	-565	-495
506	6147.0	13464.0	125	-206	-819
507	6570.5	13494.0	126	-172	-1032
508	7099.0	13503.0	123	-124	-1232
509	7564.5	13696.0	131	-185	-977
510	8136.0	13688.0	122	-179	-716
511	8669.5	13801.0	131	-75	-289
512	9104.0	13844.0	138	41	-130
514	******	14013.0	95	27	-34
605	5527.0	13940.0	122	-165	-234
606	6055.0	13958.0	117	-151	-674
607	6624.5	13954.0	149	-185	-943
608	7083.0	13959.0	141	-192	-977
609	7592.5	14065.0	145	-172	-936
610	8085.0	14105.0	145	-179	-819
611	8551.5	14234.0	148	-89	-509
612	8977.5	14351.0	153	-6	-234
613	9476.0	14418.0	138	41	-110
615	******	14632.0	92	13	-20
705	5541.5	14546.0	139	-48	-227
706	6079.5	14498.0	144	-158	-674
707	6550.5	14452.0	172	-172	-867
708	6965.5	14563.0	170	-144	-874
709	7588.5	14618.0	160	-158	-840
710	7948.0	14633.0	166	-165	-812
711	8451.5	14702.0	169	-117	-647
712	9002.5	14818.0	163	-20	-268
805	5525.5	14978.0	154	-89	-199
806	6032.0	14930.0	171	-110	-530
807	6490.0	14969.0	175	-124	-674
808	6923.0	14999.0	180	-151	-764
809	7491.5	15112.0	167	-130	-778
810	7940.0	15150.0	173	-137	-750

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 7 JUL 1977 29 AUG 1977

ID #	X	Y	Z	VX	VY
811	8360.5	15207.0	170	-130	-688
812	8863.0	15273.0	176	-55	-406
813	9437.5	15390.0	165	6	-117
815	******	15536.0	130	13	-13
905	5479.5	15505.0	178	-6	-82
906	5983.0	15424.0	178	-41	-351
907	6473.5	15526.0	178	-75	-585
908	6923.0	15508.0	186	-96	-688
909	7390.5	15508.0	177	-103	-743
910	7829.0	15640.0	191	-110	-730
911	8387.5	15654.0	187	-75	-681
912	8906.0	15783.0	193	-27	-440
914	9868.0	15978.0	174	27	-62
916	******	16100.0	97	6	-6
1005	5368.5	16079.0	189	6	-82
1006	5976.0	16071.0	183	0	-316
1007	6448.0	16162.0	187	-27	-523
1008	6793.0	16096.0	190	-55	-592
1009	7336.5	16172.0	200	-48	-681
1010	7800.5	16137.0	210	-62	-736
1011	8377.0	16254.0	203	-27	-647
1013	9333.0	16438.0	204	41	-227
1015	******	16519.0	163	27	-20
1103	4349.0	16445.0	178	-110	-68
1104	4797.5	16568.0	192	-75	-48
1105	5397.5	16594.0	212	-6	-103
1108	6786.0	16670.0	195	0	-564
1110	7798.0	16732.0	219	0	-667
1112	8808.5	16868.0	207	34	-502
1114	9785.5	16992.0	193	48	-75
1202	3738.0	16945.0	165	-206	-96
1203	4279.5	16972.0	196	-144	-82
1204	4716.5	16983.0	207	-117	-68
1205	5319.5	17039.0	221	-62	-151
1207	6326.5	17084.0	213	34	-502
1209	7263.0	17092.0	215	27	-612
1211	8228.0	17286.0	224	55	-633
1302	3661.5	17391.0	161	-144	-48
1303	4293.5	17518.0	193	-158	-41
1304	4773.5	17508.0	207	-130	-89
1306	5826.5	17613.0	245	-6	-344
1308	6755.5	17618.0	235	89	-564
1310	7644.5	17756.0	231	75	-633
1312	8691.5	17817.0	227	75	-523
1314	9626.0	17992.0	216	41	-96
1352	3779.0	17222.0	154	-192	-68
1404	4895.5	17960.0	229	-75	-124

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 7 JUL 1977 29 AUG 1977

ID #	X	Y	Z	VX	VY
1405	5273.0	17999.0	239	-41	-220
1407	6165.0	18045.0	252	96	-475
1409	7134.0	18152.0	243	137	-585
1411	8119.5	18181.0	238	103	-619
1506	5704.5	18489.0	252	117	-406
1508	6672.0	18620.0	254	165	-550
1510	7624.5	18638.0	256	158	-612
1512	8610.5	18741.0	235	130	-489
1514	9533.5	19007.0	226	20	-75
1607	6138.0	19025.0	255	179	-495
1609	7071.0	19097.0	261	192	-578
1704	4502.0	19326.0	264	27	-34
1706	5599.0	19476.0	270	192	-468
1708	6577.0	19568.0	255	206	-544
1710	7514.0	19646.0	276	206	-571
1712	8516.0	19791.0	248	137	-399
1714	9424.0	19993.0	249	41	-48
1807	5960.5	19940.0	283	254	-550
1859	7387.0	20126.0	268	220	-557
1904	4506.0	20354.0	296	82	-199
1906	5487.5	20451.0	299	241	-530
1908	6445.5	20456.0	277	282	-599
1910	7452.5	20604.0	279	213	-544
1912	8392.0	20766.0	276	151	-296
2007	5880.0	20922.0	304	261	-605
2009	6885.5	21064.0	286	254	-578
2103	3975.0	21289.0	320	27	-62
2104	4405.0	21321.0	325	69	-323
2106	5388.0	21364.0	328	220	-633
2108	6317.5	21463.0	313	268	-633
2110	7316.5	21666.0	299	199	-475
2112	8310.0	21848.0	284	96	-158
2162	8444.5	21497.0	287	62	-172
2203	3838.0	21666.0	322	13	-48
2207	5709.0	21956.0	343	165	-709
2209	6861.5	22037.0	295	185	-578
2302	3270.5	22272.0	316	-199	-124
2303	3733.5	22289.0	318	-62	-41
2306	5163.0	22324.0	346	0	-702
2308	6251.5	22405.0	334	117	-688
2310	7240.0	22556.0	332	151	-585
2312	8119.5	22731.0	324	62	-220
2407	5652.0	22922.0	374	-55	-785
2504	4055.0	23347.0	336	-165	-158
2506	5073.5	23387.0	365	-185	-661
2508	6087.5	23466.0	395	-75	-764
2510	7075.0	23608.0	395	124	-413

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 7 JUL 1977 29 AUG 1977

ID #	X	Y	Z	VX	VY
2512	8196.5	23840.0	356	6	-27
2605	4439.5	23890.0	356	-158	-351
2607	5461.5	23893.0	385	-172	-750
2609	6475.0	24083.0	406	27	-792
2611	7562.0	24238.0	375	-13	-392
2705	4402.5	24383.0	364	-20	-378
2706	4973.5	24460.0	375	-48	-667
2707	5446.5	24447.0	395	-62	-764
2708	5958.0	24520.0	407	0	-833
2709	6453.0	24557.0	403	69	-826
2710	6941.5	24667.0	396	103	-612
2711	7464.0	24731.0	390	82	-323
2712	8027.0	24724.0	375	13	-27
2804	3964.5	25003.0	479	20	-68
2805	4519.5	24909.0	461	62	-571
2806	4973.5	24957.0	445	89	-709
2807	5435.5	24915.0	441	75	-826
2808	5945.5	24939.0	430	103	-888
2809	6420.5	24983.0	412	130	-847
2810	6881.0	25011.0	406	124	-681
2811	7493.5	25180.0	396	75	-275
2905	4429.0	25462.0	484	41	-247
2907	5404.0	25376.0	466	137	-819
2909	6345.5	25520.0	448	158	-860
2911	7332.5	25645.0	430	-89	-461
3004	3974.5	25889.0	472	34	-82
3006	4904.5	25984.0	481	75	-482
3008	5883.5	25963.0	470	75	-805
3010	6845.0	26135.0	500	-372	-757
3012	7743.5	26306.0	541	-144	-151
3058	5860.5	25695.0	465	144	-860
3105	4343.0	26442.0	479	41	-220
3107	5362.5	26542.0	480	-75	-626
3109	6267.5	26543.0	490	-227	-626
3111	7134.5	26749.0	531	-254	-371
3113	8206.5	26815.0	535	-144	-68
3204	3819.5	27061.0	517	89	-296
3206	4685.5	26999.0	493	75	-323
3208	5828.0	27135.0	483	-151	-537
3212	7825.0	27429.0	527	-275	-220
3214	8701.0	27469.0	536	-192	-82
3305	4250.0	27674.0	509	124	-179
3307	5160.5	27626.0	482	-20	-440
3309	6088.5	27815.0	507	-213	-461
3311	7053.5	27909.0	512	-310	-420
3313	8113.5	27997.0	528	-241	-261
3404	3708.0	28032.0	531	96	-89

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 7 JUL 1977 29 AUG 1977

ID #	X	Y	Z	VX	VY
3406	4692.0	28079.0	511	69	-234
3408	5539.5	28211.0	506	-144	-440
3410	6629.0	28309.0	526	-220	-413
3507	5132.0	28646.0	516	-55	-289
3511	6969.5	28830.0	549	-227	-399
3555	4132.5	28264.0	529	103	-103
3559	6244.5	28730.0	532	-227	-413
3563	8087.0	29068.0	534	-234	-344
3606	4549.0	29062.0	525	41	-75
3608	5531.0	29161.0	523	-137	-296
3610	6435.0	29284.0	545	-289	-399
3612	7352.0	29300.0	565	-248	-406
3706	4580.5	29485.0	528	20	-27
3707	4991.0	29667.0	528	-27	-82
3709	5945.0	29680.0	539	-137	-282
3711	6861.5	29790.0	565	-296	-358
3802	2387.5	30157.0	563	75	-13
3807	4803.0	30031.0	529	27	-13
3808	5435.5	30098.0	533	-75	-130
3810	6380.5	30226.0	557	-227	-282
3854	3093.0	30182.0	540	41	-13
3908	5416.5	30756.0	543	-34	-41
3909	5870.5	30745.0	548	-103	-124
4010	6220.0	31220.0	558	-96	-110

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

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ID #	X	Y	Z	VX	VY
210	8314.5	12315.0	106	-77	-82
311	8678.0	12870.0	117	-195	-390
312	9213.5	12878.0	65	46	-31
410	8156.0	13189.0	109	-226	-807
411	8676.5	13344.0	108	-87	-262
412	9124.5	13419.0	95	-15	-61
413	9717.0	13424.0	90	185	-51
505	5452.0	13332.0	81	-802	-899
506	6105.5	13225.0	110	-272	-1845
509	7489.0	13418.0	110	-637	-2123
511	8653.5	13757.0	123	-108	-236
512	9109.5	13811.0	137	25	-241
605	5500.0	13897.0	119	-154	-267
607	6575.0	13730.0	123	-370	-1598
608	7044.5	13707.0	121	-252	-1856
609	7550.5	13808.0	122	-303	-1943
612	8961.0	14314.0	145	-164	-200
613	9469.0	14391.0	134	-103	-195
707	6508.5	14254.0	148	-303	-1382
708	6926.0	14360.0	149	-298	-1434
807	6460.0	14819.0	163	-216	-1038
808	6890.0	14831.0	162	-226	-1161
809	7457.5	14942.0	153	-252	-1166
810	7901.5	14987.0	161	-293	-1120
811	8324.0	15065.0	161	-277	-940
812	8841.5	15188.0	167	-180	-575
813	9433.0	15367.0	164	-51	-148
905	5477.0	15490.0	177	-20	-92
906	5976.0	15358.0	174	-41	-421
907	6458.5	15408.0	167	-97	-776
908	6899.5	15364.0	175	-169	-966
910	7803.5	15487.0	178	-180	-1023
911	8358.5	15514.0	174	-241	-935
912	8893.0	15689.0	184	-113	-637
1005	5367.5	16066.0	186	-15	-71
1006	5976.0	16015.0	178	0	-333
1007	6441.0	16064.0	179	-51	-611
1008	6779.0	15982.0	180	-103	-724
1009	7322.0	16039.0	186	-113	-858
1010	7781.5	15993.0	195	-149	-935
1011	8365.0	16127.0	193	-103	-817
1013	9319.5	16375.0	197	-169	-483
1105	5395.0	16576.0	209	-20	-108
1108	6783.0	16566.0	192	-31	-642
1110	7793.0	16605.0	209	-51	-807
1112	8807.5	16777.0	203	-36	-565

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 29 AUG 1977 8 NOV 1977

ID #	X	Y	Z	VX	VY
1114	9775.0	16974.0	191	-143	-128
1202	3706.5	16931.0	169	-169	-71
1203	4258.0	16961.0	195	-113	-51
1204	4698.5	16972.0	204	-97	-56
1205	5308.0	17017.0	217	-71	-113
1207	6330.5	16998.0	203	15	-513
1209	7265.5	16982.0	209	5	-673
1211	8234.5	17171.0	217	25	-704
1303	4274.5	17514.0	190	-77	-5
1304	4756.0	17497.0	206	-82	-46
1306	5821.0	17557.0	240	-51	-318
1308	6767.5	17519.0	228	56	-591
1310	7656.0	17645.0	224	61	-668
1312	8699.5	17725.0	222	25	-550
1314	9629.5	17976.0	213	5	-87
1404	4883.5	17944.0	224	-66	-71
1405	5265.0	17967.0	235	-51	-164
1407	6179.0	17966.0	248	71	-462
1409	7153.5	18051.0	235	97	-606
1411	8132.5	18074.0	233	56	-637
1506	5718.5	18429.0	248	56	-318
1508	6694.0	18526.0	250	103	-550
1510	7647.5	18535.0	248	118	-606
1512	8626.5	18660.0	233	66	-473
1514	9531.5	18996.0	222	-36	-61
1607	6163.0	18944.0	251	123	-457
1609	7098.0	19003.0	256	133	-534
1706	5625.0	19402.0	266	123	-406
1708	6601.0	19483.0	251	92	-473
1710	7544.0	19553.0	271	154	-529
1712	8536.0	19726.0	245	103	-365
1807	5994.5	19850.0	276	159	-508
1809	6969.0	19874.0	256	154	-498
1859	7418.5	20036.0	265	159	-513
1904	4515.0	20327.0	293	31	-128
1906	5520.5	20367.0	294	159	-467
1908	6482.0	20359.0	266	164	-555
1910	7483.0	20518.0	275	154	-478
1912	8414.5	20719.0	272	118	-267
2007	5914.5	20826.0	294	159	-534
2009	6922.5	20973.0	282	190	-503
2103	3976.5	21280.0	317	-5	-46
2104	4413.0	21276.0	321	31	-221
2108	6356.0	21366.0	307	195	-519
2110	7344.5	21590.0	295	138	-431
2112	8321.5	21822.0	283	46	-148
2162	8452.0	21470.0	285	31	-148

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

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ID #	X	Y	Z	VX	VY
2203	3837.0	21661.0	320	-20	-20
2207	5735.0	21849.0	336	143	-575
2303	3725.5	22284.0	316	-36	-20
2306	5165.5	22221.0	342	25	-534
2308	6273.0	22298.0	322	133	-581
2312	8129.5	22687.0	318	56	-287
2403	3521.5	22883.0	314	-46	0
2407	5647.5	22802.0	368	-5	-642
2503	3501.0	23371.0	312	-71	5
2504	4035.5	23330.0	334	-77	-61
2506	5047.5	23289.0	363	-128	-513
2508	6077.0	23348.0	390	-51	-647
2512	8198.0	23837.0	354	10	-5
2605	4421.0	23843.0	355	-71	-221
2607	5436.5	23780.0	382	-128	-601
2609	6476.5	23964.0	405	-5	-637
2611	7570.0	24190.0	374	92	-205
2705	4399.0	24332.0	362	-20	-246
2706	4965.5	24360.0	368	-46	-534
2707	5434.5	24332.0	387	-77	-616
2708	5956.0	24394.0	404	-20	-678
2709	6462.0	24432.0	403	41	-663
2710	6958.0	24571.0	394	92	-534
2711	7474.0	24680.0	386	41	-282
2712	8028.5	24721.0	372	5	-5
2804	3967.5	24993.0	477	15	-51
2805	4532.0	24821.0	441	82	-478
2806	4981.5	24848.0	426	15	-596
2807	5443.5	24790.0	425	25	-668
2808	5959.0	24805.0	417	61	-719
2809	6440.0	24855.0	406	103	-683
2810	6900.5	24906.0	404	108	-570
2811	7507.5	25145.0	394	87	-148
2905	4435.5	25423.0	481	36	-216
2907	5425.0	25249.0	459	113	-693
2909	6370.0	25387.0	437	133	-724
3004	3976.0	25875.0	471	-10	-82
3006	4916.0	25908.0	477	61	-416
3008	5895.5	25835.0	462	66	-714
3010	6812.0	26018.0	489	-61	-637
3012	7719.0	26278.0	535	-143	-169
3014	8829.5	26453.0	537	-46	-10
3058	5882.5	25561.0	458	118	-740
3105	4347.5	26406.0	477	15	-200
3107	5355.0	26445.0	478	-20	-529
3109	6237.5	26441.0	485	-138	-581
3111	7090.5	26689.0	526	-262	-339

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 29 AUG 1977 8 NOV 1977

ID #	X	Y	Z	VX	VY
3113	8182.5	26801.0	532	-138	-87
3204	3832.0	27029.0	513	61	-108
3206	4695.0	26948.0	490	41	-287
3208	5803.0	27047.0	480	-143	-498
3210	6737.0	27136.0	504	-308	-365
3212	7779.5	27392.0	524	-262	-210
3214	8669.5	27452.0	533	-180	-108
3305	4266.5	27645.0	506	77	-164
3307	5156.5	27557.0	479	-25	-375
3309	6051.5	27742.0	501	-221	-411
3311	7005.0	27845.0	505	-267	-344
3313	8071.5	27957.0	525	-252	-216
3404	3725.0	28018.0	528	103	-77
3406	4701.5	28041.0	507	46	-216
3408	5515.0	28142.0	503	-143	-380
3410	6590.5	28243.0	520	-231	-370
3507	5122.0	28600.0	512	-61	-251
3511	6931.5	28766.0	543	-221	-354
3513	7841.5	28928.0	533	-241	-282
3555	4150.0	28245.0	527	103	-118
3559	6207.5	28664.0	528	-210	-365
3563	8047.5	29014.0	530	-231	-298
3606	4555.0	29049.0	523	31	-77
3608	5509.5	29116.0	521	-118	-241
3610	6392.0	29222.0	542	-226	-333
3612	7312.0	29239.0	559	-226	-328
3705	4040.0	29555.0	529	20	-20
3706	4579.0	29478.0	525	-31	-46
3707	4983.0	29653.0	525	-61	-82
3802	2394.0	30153.0	561	10	-25
3807	4803.0	30028.0	527	-20	-20
3808	5421.5	30078.0	531	-87	-108
3810	6345.5	30183.0	553	-190	-236
4010	6203.5	31203.0	556	-97	-92

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 8 NOV 1977 28 FEB 1978

ID #	X	Y	Z	VX	VY
210	8300.5	12296.0	101	-42	-68
310	8272.5	12561.0	96	-48	-153
311	8659.5	12822.0	112	3	-65
312	9221.0	12872.0	66	19	-16
411	8664.0	13299.0	102	-25	-127
412	9123.0	13408.0	97	0	-29
413	9736.5	13414.0	92	9	-32
510	7959.5	13309.0	107	-498	-1248
511	8620.0	13678.0	114	-150	-361
512	9112.5	13782.0	136	3	-35
605	5457.5	13830.0	114	-179	-263
607	6451.5	13302.0	105	-570	-1779
608	6937.0	13251.0	104	-541	-1795
609	7437.5	13356.0	97	-544	-1714
610	7958.5	13707.0	109	-446	-1378
612	8933.5	14265.0	138	-74	-195
613	9459.5	14369.0	133	3	-19
705	5538.5	14380.0	121	-23	-192
710	7834.0	14255.0	133	-378	-1443
711	8371.0	14412.0	138	-313	-1095
756	6084.0	14198.0	108	-195	-1072
805	5459.0	14753.0	138	-13	-110
807	6393.0	14520.0	145	-299	-1287
808	6824.5	14502.0	149	-283	-1407
809	7390.5	14616.0	139	-277	-1388
810	7824.5	14667.0	147	-316	-1375
811	8252.0	14786.0	153	-293	-1222
812	8801.0	15043.0	156	-150	-579
813	9428.0	15344.0	163	0	-55
905	5475.5	15470.0	176	3	-71
906	5966.5	15240.0	168	-35	-501
907	6431.5	15183.0	157	-114	-974
908	6852.0	15085.0	163	-202	-1202
909	7362.5	15067.0	151	-218	-1267
910	7750.5	15194.0	161	-231	-1261
911	8297.5	15246.0	159	-244	-1150
914	9837.0	15987.0	175	6	-9
1005	5368.5	16051.0	186	16	-48
1006	5980.5	15919.0	175	29	-413
1007	6429.5	15877.0	173	-42	-834
1008	6753.0	15759.0	175	-104	-997
1009	7291.5	15784.0	172	-127	-1120
1010	7741.0	15718.0	178	-169	-1199
1011	8332.5	15875.0	182	-146	-1127
1013	9302.5	16298.0	191	-3	-192
1105	5394.0	16552.0	208	6	-87

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 8 NOV 1977 28 FEB 1978

ID #	X	Y	Z	VX	VY
1108	6774.5	16364.0	187	-35	-909
1110	7776.5	16357.0	198	-74	-1104
1112	8800.5	16611.0	198	-23	-723
1114	9763.0	16959.0	190	13	-19
1202	3674.0	16918.0	172	-104	-35
1203	4234.0	16950.0	196	-84	-39
1204	4677.5	16960.0	203	-74	-42
1205	5296.5	16989.0	217	-29	-110
1207	6339.0	16839.0	195	45	-707
1209	7265.5	16770.0	201	-3	-954
1211	8242.5	16951.0	210	35	-987
1303	4252.5	17509.0	188	-94	-29
1304	4735.0	17485.0	205	-84	-48
1306	5817.0	17465.0	238	6	-397
1308	6786.0	17334.0	216	84	-834
1310	7676.0	17435.0	219	91	-941
1312	8712.5	17560.0	216	68	-726
1314	9632.0	17962.0	213	13	-39
1352	3756.0	17225.0	164	-104	-42
1404	4868.0	17923.0	222	-58	-91
1405	5254.5	17923.0	231	-35	-182
1407	6206.5	17822.0	244	133	-642
1409	7185.5	17858.0	227	146	-870
1411	8158.0	17871.0	227	130	-915
1506	5741.5	18329.0	245	114	-446
1508	6732.5	18354.0	246	185	-772
1510	7687.5	18341.0	239	185	-876
1512	8651.5	18518.0	232	120	-625
1514	9530.0	18985.0	220	13	-32
1607	6205.5	18797.0	249	199	-667
1609	7144.0	18828.0	251	215	-801
1706	5668.5	19275.0	261	205	-570
1708	6644.0	19326.0	250	221	-723
1710	7590.0	19362.0	268	202	-912
1712	8565.0	19613.0	243	123	-505
1807	6048.5	19697.0	269	251	-674
1809	7019.0	19713.0	256	228	-733
1859	7469.5	19873.0	266	231	-736
1904	4527.0	20294.0	291	58	-136
1906	5575.0	20223.0	292	254	-642
1908	6538.5	20194.0	256	264	-720
1910	7533.5	20365.0	272	231	-697
1912	8445.0	20636.0	270	123	-368
2007	5974.0	20664.0	285	287	-716
2009	6982.0	20812.0	278	267	-730
2103	3977.0	21270.0	315	6	-39
2104	4424.5	21215.0	317	55	-260

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 8 NOV 1977 28 FEB 1978

ID #	X	Y	Z	VX	VY
2106	5449.5	21083.0	306	342	-531
2108	6418.0	21202.0	303	280	-743
2110	7394.0	21453.0	292	234	-616
2112	8337.0	21779.0	285	71	-189
2162	8466.0	21428.0	285	71	-182
2203	3835.5	21655.0	319	3	-22
2207	5783.5	21676.0	331	224	-759
2302	3255.0	22271.0	316	-6	-6
2303	3719.0	22278.0	317	-19	-25
2304	4216.0	22196.0	327	-19	-189
2306	5182.5	22059.0	340	94	-716
2308	6322.5	22126.0	313	238	-752
2312	8146.0	22617.0	315	71	-270
2403	3510.5	22881.0	315	-42	-13
2407	5656.5	22610.0	360	62	-844
2409	6665.0	22810.0	371	111	-817
2503	3489.0	23370.0	311	-32	-9
2504	4018.5	23312.0	337	-62	-74
2506	5016.0	23132.0	365	-123	-694
2508	6071.5	23153.0	386	-3	-860
2510	7148.5	23425.0	392	107	-684
2512	8201.0	23833.0	354	13	-22
2605	4398.5	23781.0	361	-101	-263
2607	5401.5	23604.0	384	-146	-769
2609	6476.0	23774.0	408	0	-831
2611	7595.0	24119.0	376	104	-332
2705	4389.0	24263.0	364	-52	-293
2706	4944.5	24208.0	366	-107	-651
2707	5409.5	24153.0	383	-114	-775
2708	5945.0	24196.0	405	-58	-860
2709	6471.0	24238.0	408	32	-847
2710	6985.0	24416.0	396	117	-671
2711	7490.0	24597.0	384	78	-361
2712	8030.0	24718.0	373	6	-16
2804	3969.5	24978.0	477	3	-62
2805	4546.0	24693.0	414	39	-534
2806	4980.0	24680.0	405	-19	-716
2807	5442.5	24597.0	409	-23	-834
2808	5968.0	24599.0	411	19	-886
2809	6467.0	24656.0	408	111	-863
2810	6933.5	24744.0	404	146	-694
2811	7524.0	25087.0	394	52	-286
2905	4443.5	25359.0	480	29	-280
2907	5451.0	25046.0	448	97	-886
2909	6409.0	25180.0	424	169	-889
2911	7281.5	25499.0	409	35	-498
3004	3977.5	25852.0	471	16	-97

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 8 NOV 1977 28 FEB 1978

ID #	X	Y	Z	VX	VY
3006	4935.0	25779.0	476	84	-576
3008	5924.5	25625.0	459	146	-919
3010	6807.0	25836.0	472	6	-778
3012	7682.0	26230.0	532	-150	-205
3058	5920.5	25344.0	450	172	-941
3105	4353.5	26349.0	479	29	-244
3107	5355.0	26288.0	481	13	-687
3109	6207.5	26265.0	481	-107	-778
3111	7019.5	26586.0	524	-296	-452
3113	8142.5	26778.0	533	-172	-94
3204	3850.5	27003.0	512	81	-104
3206	4705.0	26863.0	491	39	-368
3208	5765.5	26901.0	480	-153	-635
3210	6654.0	27027.0	503	-345	-482
3305	4290.0	27601.0	505	104	-179
3307	5149.5	27448.0	479	-29	-472
3309	5989.0	27623.0	496	-267	-511
3404	3753.0	28000.0	528	117	-71
3406	4715.5	27981.0	506	62	-254
3408	5477.5	28032.0	500	-153	-472
3410	6526.0	28138.0	516	-273	-449
3507	5108.5	28529.0	510	-48	-302
3511	6869.0	28667.0	538	-267	-423
3555	4176.0	28216.0	529	104	-114
3559	6147.0	28560.0	525	-260	-446
3563	7984.5	28928.0	528	-264	-371
3606	4562.0	29031.0	523	25	-71
3608	5475.0	29046.0	521	-150	-306
3610	6330.0	29126.0	538	-260	-413
3612	7249.0	29143.0	556	-267	-413
3705	4047.0	29549.0	529	32	-25
3706	4577.5	29468.0	525	9	-35
3707	4971.0	29631.0	525	-39	-91
3802	2401.5	30148.0	561	42	-16
3804	3494.5	29985.0	539	16	-6
3806	4623.5	30098.0	529	-3	-3
3807	4800.0	30022.0	527	-6	-25
3808	5401.5	30047.0	530	-74	-133
3810	6294.0	30113.0	551	-215	-306
3854	3092.5	30181.0	539	42	-9
4010	6178.5	31179.0	554	-101	-97

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

28 FEB 1978

19 APR 1978

ID #	X	Y	Z	VX	VY
210	8292.5	12282.0	99	-21	-58
310	8264.5	12527.0	97	-7	-153
311	8662.0	12808.0	108	29	-51
410	8094.5	13085.0	103	-211	-540
411	8660.5	13276.0	101	7	-51
413	9738.5	13408.0	91	7	-7
510	7860.5	13061.0	110	-328	-832
511	8591.5	13607.0	111	-80	-233
605	5415.5	13774.0	111	-211	-233
607	6325.5	12938.0	95	-562	-1321
608	6828.0	12888.0	105	-379	-1284
609	7328.0	13015.0	93	-379	-1138
610	7867.0	13429.0	100	-336	-970
611	8471.5	13838.0	115	-168	-496
613	9459.0	14364.0	134	-14	-21
705	5532.5	14337.0	117	-36	-197
710	7755.0	13959.0	122	-306	-1095
711	8306.5	14181.0	128	-241	-912
712	8878.0	14695.0	154	-87	-306
756	6041.5	13980.0	98	-182	-781
805	5454.5	14728.0	138	-36	-109
807	6327.5	14255.0	131	-284	-992
808	6762.0	14211.0	148	-277	-1087
809	7331.0	14326.0	134	-248	-1124
810	7757.0	14379.0	141	-277	-1116
811	8190.0	14527.0	150	-248	-1043
812	8769.5	14918.0	155	-124	-518
813	9426.5	15333.0	164	-21	-36
815	******	15529.0	129	0	0
856	5910.5	14511.0	117	-94	-591
905	5476.0	15453.0	174	0	-87
906	5956.0	15128.0	166	-73	-503
907	6402.5	14973.0	160	-168	-890
908	6806.5	14830.0	160	-211	-1029
909	7314.5	14799.0	146	-211	-1080
910	7699.0	14926.0	154	-233	-1095
911	8244.5	15000.0	155	-226	-1022
914	9837.5	15985.0	176	-7	-14
1005	5371.5	16039.0	187	7	-65
1006	5985.0	15825.0	175	0	-445
1007	6416.5	15694.0	171	-94	-802
1008	6727.0	15541.0	176	-146	-941
1009	7263.0	15541.0	168	-131	-1036
1010	7703.5	15460.0	170	-168	-1073
1011	8298.5	15630.0	175	-168	-1043
1105	5395.0	16530.0	208	0	-124

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 28 FEB 1978 19 APR 1978

ID #	X	Y	Z	VX	VY
1108	6763.5	16164.0	183	-80	-883
1110	7757.5	16115.0	195	-109	-1065
1112	8794.5	16449.0	195	-36	-744
1114	9764.5	16955.0	190	-7	-14
1153	4288.5	16507.0	187	-94	-72
1154	4900.0	16507.0	195	-29	-21
1202	3648.5	16909.0	173	-138	-51
1203	4213.0	16940.0	198	-116	-58
1204	4658.0	16949.0	206	-116	-72
1205	5288.5	16962.0	219	-51	-145
1207	6347.5	16681.0	190	21	-722
1209	7263.0	16557.0	196	-29	-970
1211	8248.5	16731.0	207	7	-1000
1303	4229.5	17503.0	186	-124	-29
1304	4715.0	17472.0	205	-102	-87
1306	5817.0	17373.0	235	-14	-445
1308	6801.5	17146.0	205	36	-868
1310	7693.5	17224.0	215	51	-970
1312	8726.0	17396.0	213	43	-766
1314	9636.0	17953.0	212	29	-43
1352	3732.0	17215.0	164	-116	-51
1404	4853.5	17900.0	219	-80	-124
1405	5245.5	17878.0	227	-51	-240
1407	6235.5	17674.0	242	124	-722
1409	7216.5	17661.0	222	124	-927
1506	5766.5	18225.0	245	109	-525
1508	6774.0	18176.0	245	189	-868
1510	7727.5	18143.0	232	168	-934
1512	8678.5	18375.0	231	124	-686
1514	9532.5	18977.0	221	7	-36
1607	6250.5	18643.0	247	211	-751
1609	7192.0	18643.0	245	219	-897
1704	4611.5	19309.0	257	7	-65
1706	5714.5	19142.0	258	211	-664
1708	6694.5	19157.0	251	241	-846
1710	7638.5	19159.0	264	255	-919
1712	8593.0	19497.0	242	131	-569
1714	9431.5	19973.0	245	-7	-29
1807	6105.0	19540.0	262	262	-788
1809	7071.5	19541.0	258	255	-868
1859	7522.5	19700.0	270	255	-868
1904	4540.0	20260.0	289	58	-189
1906	5634.5	20070.0	289	299	-795
1908	6598.5	20026.0	251	284	-846
1910	7586.5	20202.0	270	255	-810
1912	8474.0	20551.0	267	146	-423
2007	6043.5	20493.0	276	372	-883

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 28 FEB 1978 19 APR 1978

ID #	X	Y	Z	VX	VY
2009	7044.5	20640.0	273	314	-868
2103	3978.0	21258.0	314	0	-80
2104	4437.0	21149.0	314	58	-372
2108	6484.5	21026.0	296	343	-905
2110	7448.0	21309.0	292	262	-730
2112	8354.0	21734.0	285	87	-226
2162	8483.0	21383.0	285	87	-240
2203	3835.5	21648.0	319	-7	-58
2259	7000.0	21570.0	298	277	-824
2303	3714.5	22272.0	319	-21	-29
2304	4212.5	22150.0	328	-7	-248
2306	5207.0	21889.0	338	146	-875
2308	6382.0	21950.0	305	336	-890
2312	8164.5	22554.0	312	109	-321
2360	7201.0	22190.0	297	204	-781
2403	3501.0	22878.0	316	-43	-14
2407	5675.0	22412.0	353	131	-1000
2409	6695.0	22617.0	357	189	-992
2504	4004.5	23296.0	339	-65	-65
2506	4989.5	22967.0	365	-109	-861
2508	6074.5	22950.0	380	51	-1036
2605	4377.5	23720.0	364	-80	-299
2607	5369.5	23424.0	385	-138	-897
2609	6477.0	23580.0	408	14	-970
2611	7618.5	24042.0	379	109	-372
2706	4919.5	24059.0	364	-124	-715
2707	5383.0	23973.0	382	-131	-883
2708	5930.0	23996.0	407	-87	-985
2709	6478.5	24041.0	410	36	-978
2710	7013.0	24262.0	398	146	-744
2711	7508.0	24514.0	384	87	-408
2712	8032.5	24715.0	375	21	-7
2804	3971.5	24965.0	480	21	-51
2805	4553.5	24575.0	391	21	-518
2806	4976.0	24515.0	388	-14	-795
2807	5435.0	24406.0	395	-58	-912
2808	5970.5	24393.0	409	-7	-1014
2810	6970.0	24584.0	404	204	-781
2811	7536.5	25021.0	396	65	-321
2905	4450.5	25292.0	483	36	-343
2907	5469.5	24839.0	435	51	-1029
2909	6448.0	24974.0	413	189	-1022
2911	7291.0	25385.0	402	58	-547
3004	3981.5	25828.0	472	21	-124
3006	4957.0	25642.0	477	131	-715
3008	5960.0	25407.0	455	189	-1116
3010	6815.0	25656.0	450	102	-890

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 28 FEB 1978 19 APR 1978

ID #	X	Y	Z	VX	VY
3012	7645.5	26180.0	530	-197	-277
3105	4360.0	26290.0	479	29	-321
3107	5359.5	26124.0	483	36	-854
3109	6189.0	26077.0	477	-29	-1000
3111	6950.5	26475.0	523	-343	-613
3204	3868.5	26976.0	512	80	-160
3206	4712.5	26775.0	493	21	-467
3305	4313.0	27556.0	505	102	-262
3307	5143.0	27335.0	480	-29	-591
3404	3779.0	27981.0	530	116	-109
3406	4728.0	27919.0	504	43	-328
3408	5440.0	27920.0	496	-204	-576
3410	6460.0	28031.0	511	-350	-547
3507	5095.5	28456.0	509	-80	-394
3511	6803.0	28565.0	534	-365	-532
3555	4199.0	28189.0	529	102	-145
3559	6084.0	28454.0	522	-336	-547
3606	4569.0	29013.0	524	43	-94
3608	5440.0	28972.0	521	-175	-394
3610	6266.5	29028.0	537	-343	-503
3612	7184.0	29045.0	555	-350	-503
3706	4581.5	29460.0	527	36	-43
3707	4963.0	29608.0	526	-29	-124
3759	5875.0	29514.0	531	-248	-401
3761	6748.5	29572.0	557	-357	-496
3806	4623.5	30096.0	532	7	-29
3807	4799.5	30015.0	529	7	-43
3808	5384.5	30014.0	530	-80	-182
3810	6243.5	30039.0	550	-255	-386
3854	3101.5	30178.0	540	36	-29
3908	5393.0	30728.0	541	-29	-58
3909	5806.5	30664.0	545	-109	-160
4010	6154.5	31155.0	553	-124	-131

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 19 APR 1978 11 JUN 1978

ID #	X	Y	Z	VX	VY
210	8296.0	12266.0	101	69	-158
310	8272.5	12495.0	98	117	-302
311	8671.0	12791.0	106	96	-185
312	9232.0	12868.0	62	69	-55
359	7725.5	12138.0	87	-185	-626
409	7755.5	12642.0	113	-241	-950
411	8665.5	13257.0	99	62	-220
412	9130.0	13397.0	97	55	-89
413	9744.0	13400.0	88	69	-103
510	7818.0	12936.0	111	-275	-936
511	8588.0	13551.0	111	27	-544
512	9116.0	13766.0	134	96	-117
514	******	14009.0	96	55	-34
605	5375.0	13732.0	107	-358	-358
606	5793.5	13205.0	106	-819	-1088
607	6241.5	12733.0	85	-627	-1584
608	6773.0	12665.0	99	-399	-1859
609	7281.0	12834.0	84	-289	-1418
610	7817.5	13286.0	105	-365	-1060
611	8448.5	13755.0	114	-158	-667
612	9006.5	14262.0	140	62	-309
613	9462.0	14356.0	133	55	-96
615	******	14632.0	94	13	-20
707	6288.5	13484.0	112	-379	-1012
708	6708.0	13507.0	121	-275	-1205
710	7713.0	13794.0	120	-289	-1232
712	8868.5	14637.0	153	-48	-509
759	7273.5	13440.0	112	-351	-1260
807	6288.0	14108.0	120	-275	-1081
808	6720.0	14049.0	147	-317	-1205
809	7293.5	14158.0	135	-282	-1246
810	7719.0	14211.0	140	-261	-1260
811	8154.0	14369.0	148	-261	-1191
813	9426.5	15321.0	165	20	-137
815	******	15525.0	129	69	-48
905	5478.5	15432.0	172	34	-199
906	5939.5	15043.0	164	-158	-695
907	6376.0	14832.0	168	-206	-1101
908	6777.5	14673.0	164	-199	-1191
909	7284.0	14637.0	149	-220	-1212
910	7666.0	14761.0	155	-234	-1239
911	8213.0	14843.0	158	-220	-1198
912	8820.5	15314.0	172	-103	-695
914	9839.5	15981.0	176	34	-34
916	******	16095.0	96	20	-20
1006	5987.5	15746.0	173	34	-674

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

19 APR 1978

11 JUN 1978

ID #	X	Y	Z	VX	VY
1007	6402.0	15570.0	170	-110	-950
1008	6705.5	15398.0	178	-158	-1081
1009	7242.5	15383.0	170	-158	-1191
1010	7678.5	15298.0	167	-185	-1219
1011	8276.0	15471.0	171	-151	-1205
1105	5393.5	16508.0	207	-20	-185
1108	6751.0	16028.0	181	-96	-1039
1110	7741.5	15953.0	195	-117	-1225
1114	9766.0	16951.0	190	27	-34
1153	4269.0	16491.0	187	-179	-144
1154	4894.5	16501.0	194	-48	-68
1202	3621.0	16898.0	174	-248	-110
1207	6351.0	16567.0	190	27	-888
1209	7257.0	16410.0	196	-55	-1115
1211	8250.5	16577.0	206	20	-1177
1303	4204.5	17493.0	185	-227	-103
1306	5817.0	17301.0	231	13	-578
1308	6807.5	17013.0	197	48	-1012
1310	7701.5	17074.0	214	62	-1157
1312	8731.5	17277.0	209	34	-915
1314	9639.5	17948.0	212	20	-27
1372	3671.5	17388.0	172	-199	-82
1404	4826.5	17872.0	214	-296	-268
1405	5242.0	17834.0	219	0	-385
1407	6255.5	17559.0	240	158	-902
1409	7235.0	17519.0	218	137	-1088
1508	6803.5	18042.0	243	227	-1026
1510	7752.5	17994.0	229	185	-1163
1512	8704.0	18256.0	228	234	-991
1514	9533.5	18971.0	221	6	-48
1607	6280.0	18525.0	246	206	-915
1609	7225.0	18504.0	241	248	-1074
1704	4609.5	19292.0	255	-34	-179
1706	5749.5	19039.0	254	282	-792
1708	6732.5	19026.0	252	296	-1005
1710	7678.5	19016.0	260	310	-1095
1714	9434.5	19969.0	247	48	-20
1807	6149.0	19423.0	257	358	-860
1859	7550.5	19564.0	274	144	-1060
1906	5683.0	19951.0	286	386	-888
1908	6643.5	19899.0	250	351	-943
1910	7629.5	20076.0	271	351	-970
1912	8500.5	20482.0	265	227	-550
2007	6101.5	20360.0	272	447	-998
2009	7091.5	20507.0	269	351	-1019
2103	3979.0	21247.0	313	13	-82
2108	6535.0	20889.0	289	372	-1026

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 19 APR 1978 11 JUN 1978

ID #	X	Y	Z	VX	VY
2112	8369.0	21698.0	286	124	-282
2162	8501.0	21346.0	287	165	-282
2203	3834.0	21642.0	320	-13	-27
2259	7051.0	21434.0	295	441	-1095
2303	3712.5	22268.0	320	-6	-20
2304	4212.0	22102.0	325	0	-420
2306	5232.5	21753.0	336	213	-1039
2312	8180.5	22507.0	309	117	-344
2360	7231.5	22074.0	294	227	-860
2403	3497.0	22877.0	316	-13	0
2407	5693.0	22249.0	348	124	-1308
2409	6711.5	22470.0	339	48	-1088
2504	3995.0	23282.0	341	-69	-130
2506	4981.0	22836.0	360	-13	-984
2508	6085.5	22787.0	371	103	-1267
2605	4355.0	23671.0	362	-234	-392
2607	5345.5	23281.0	382	-199	-1129
2609	6500.5	23443.0	403	310	-970
2611	7637.5	23983.0	379	158	-468
2706	4898.5	23948.0	361	-172	-847
2707	5358.5	23831.0	380	-213	-1122
2708	5914.0	23841.0	406	-137	-1205
2709	6483.5	23886.0	408	34	-1205
2710	7038.5	24145.0	397	213	-902
2711	7523.5	24449.0	384	130	-502
2804	3972.0	24955.0	480	-13	-89
2805	4555.5	24495.0	379	6	-619
2806	4973.0	24393.0	376	-27	-936
2807	5421.0	24263.0	386	-137	-1108
2808	5964.0	24234.0	406	-82	-1232
2810	6996.0	24465.0	403	165	-909
2811	7546.5	24959.0	396	75	-544
2905	4458.5	25240.0	483	75	-399
2907	5474.5	24684.0	418	20	-1170
2909	6478.0	24818.0	408	234	-1184
2911	7303.0	25304.0	400	110	-605
3004	3983.0	25812.0	471	0	-110
3006	4976.0	25526.0	475	137	-915
3008	5992.0	25237.0	446	261	-1294
3010	6836.0	25521.0	432	192	-1012
3012	7619.0	26137.0	527	-179	-323
3105	4365.0	26243.0	480	41	-337
3107	5372.0	25992.0	483	137	-1012
3109	6196.5	25921.0	471	130	-1205
3111	6910.0	26374.0	520	-234	-805
3204	3882.0	26954.0	510	110	-144
3206	4717.5	26705.0	493	48	-523

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 19 APR 1978 11 JUN 1978

ID #	X	Y	Z	VX	VY
3305	4330.0	27518.0	502	137	-275
3307	5146.5	27245.0	478	75	-688
3404	3800.0	27964.0	529	179	-130
3406	4737.0	27865.0	500	82	-433
3408	5417.0	27829.0	492	-124	-716
3410	6409.5	27947.0	509	-365	-640
3507	5085.0	28393.0	507	-69	-489
3511	6752.5	28485.0	532	-351	-599
3555	4219.0	28163.0	527	179	-220
3559	6038.0	28371.0	519	-317	-633
3606	4576.5	28997.0	523	62	-130
3608	5414.5	28910.0	520	-185	-475
3610	6218.5	28951.0	535	-337	-592
3612	7135.0	28968.0	552	-344	-585
3706	4584.0	29452.0	528	0	-68
3707	4956.0	29590.0	525	-69	-137
3759	5840.0	29453.0	530	-248	-461
3761	6697.5	29496.0	554	-365	-571
3808	5371.5	29988.0	530	-103	-192
3810	6205.0	29981.0	548	-289	-440
3908	5387.5	30719.0	539	-48	-62
3909	5789.5	30640.0	545	-130	-179
4010	6135.5	31135.0	553	-144	-151

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

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ID #	X	Y	Z	VX	VY
210	8302.5	12241.0	99	22	-208
310	8283.5	12451.0	95	37	-320
311	8684.5	12762.0	103	96	-231
312	9244.5	12858.0	56	111	-89
411	8674.0	13226.0	96	59	-216
412	9136.0	13385.0	94	29	-89
413	9751.0	13386.0	82	29	-96
510	7776.0	12799.0	109	-327	-1027
511	8587.0	13488.0	110	-44	-357
512	9125.0	13749.0	130	29	-133
514	******	14005.0	94	29	-22
605	5324.0	13685.0	102	-372	-305
606	5674.0	13066.0	85	-894	-886
610	7771.5	13140.0	107	-290	-1027
611	8427.0	13666.0	112	-149	-603
613	9468.0	14341.0	129	29	-111
615	******	14630.0	91	22	-14
706	5980.5	13774.0	109	-290	-767
707	6234.0	13345.0	121	-402	-975
708	6667.0	13345.0	120	-313	-1117
710	7674.0	13631.0	116	-268	-1095
712	8859.5	14569.0	150	-81	-454
759	7227.5	13272.0	108	-305	-1139
807	6251.5	13968.0	110	-245	-916
808	6677.0	13890.0	141	-298	-1072
809	7256.0	13994.0	133	-253	-1102
810	7683.5	14045.0	135	-245	-1109
811	8119.0	14214.0	142	-238	-1027
813	9428.5	15300.0	162	7	-156
815	******	15521.0	128	7	-14
905	5479.0	15406.0	168	-29	-171
906	5918.0	14952.0	156	-149	-610
907	6345.0	14686.0	171	-238	-983
908	6748.5	14515.0	165	-216	-1065
909	7253.5	14476.0	147	-216	-1087
910	7634.5	14599.0	152	-216	-1072
911	8182.5	14687.0	158	-216	-1020
912	8806.0	15220.0	169	-104	-655
914	9844.0	15976.0	173	29	-44
916	******	16093.0	93	37	-7
1006	5988.5	15664.0	169	-22	-491
1007	6387.5	15447.0	167	-96	-797
1008	6684.5	15258.0	176	-141	-923
1009	7222.0	15229.0	169	-134	-1013
1010	7653.0	15140.0	162	-178	-1042
1011	8254.0	15316.0	166	-163	-1005

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 11 JUN 1978 30 JUL 1978

ID #	X	Y	Z	VX	VY
1013	9300.5	16144.0	180	22	-320
1105	5391.5	16483.0	204	-7	-171
1108	6738.0	15895.0	179	-89	-863
1110	7725.0	15794.0	190	-119	-1035
1112	8754.5	16362.0	192	-22	-819
1114	9770.5	16945.0	188	37	-59
1153	4246.0	16474.0	186	-149	-104
1154	4887.5	16494.0	191	-52	-22
1204	4629.5	16943.0	203	-156	-89
1207	6352.0	16454.0	187	-14	-730
1209	7248.0	16266.0	194	-74	-938
1211	8250.5	16425.0	202	-22	-998
1302	3676.5	17191.0	161	-216	-81
1303	4175.0	17482.0	181	-193	-52
1306	5816.5	17227.0	224	-22	-469
1308	6811.5	16883.0	192	7	-841
1310	7706.5	16925.0	213	7	-961
1312	8738.0	17155.0	202	59	-826
1314	9643.5	17940.0	211	37	-89
1372	3644.0	17378.0	165	-193	-59
1404	4796.5	17844.0	208	-126	-133
1405	5235.5	17788.0	208	-96	-268
1407	6273.5	17444.0	235	96	-737
1409	7249.5	17379.0	215	67	-908
1508	6830.0	17911.0	238	149	-849
1510	7774.5	17846.0	226	126	-953
1512	8729.5	18134.0	224	126	-744
1514	9535.5	18962.0	220	22	-81
1607	6307.0	18408.0	245	178	-752
1609	7256.0	18366.0	237	193	-886
1704	4609.0	19273.0	252	29	-89
1706	5784.5	18937.0	251	216	-670
1708	6769.5	18897.0	252	231	-834
1710	7717.0	18875.0	253	238	-923
1714	9441.0	19964.0	245	44	-52
1807	6192.5	19309.0	254	260	-774
1906	5731.0	19835.0	282	298	-774
1908	6688.5	19775.0	250	290	-826
1910	7674.0	19951.0	272	283	-819
1912	8529.0	20412.0	261	178	-446
2007	6160.0	20230.0	267	387	-856
2009	7138.0	20376.0	265	313	-849
2103	3981.5	21232.0	312	22	-126
2104	4493.0	20935.0	296	119	-461
2108	6586.0	20755.0	281	357	-886
2112	8386.5	21662.0	286	126	-231
2162	8522.0	21310.0	286	134	-238

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 11 JUN 1978 30 JUL 1978

ID #	X	Y	Z	VX	VY
2203	3833.5	21635.0	319	7	-74
2207	5950.0	21181.0	315	357	-908
2259	7106.5	21301.0	290	350	-797
2303	3711.5	22264.0	320	-7	-37
2304	4214.5	22055.0	322	37	-245
2306	5262.5	21616.0	332	216	-916
2312	8196.5	22462.0	303	111	-290
2360	7262.5	21964.0	293	216	-707
2407	5718.0	22088.0	342	238	-983
2409	6732.5	22328.0	317	260	-938
2506	4977.5	22703.0	355	-37	-916
2508	6103.0	22625.0	356	149	-1042
2510	7222.5	23014.0	368	186	-811
2607	5323.0	23133.0	378	-119	-983
2609	6526.5	23306.0	394	52	-998
2611	7658.0	23925.0	378	134	-357
2707	5331.0	23687.0	377	-178	-931
2708	5895.5	23687.0	398	-126	-998
2709	6486.0	23731.0	404	0	-1005
2710	7063.0	24030.0	394	134	-737
2711	7539.0	24386.0	380	89	-394
2804	3973.0	24943.0	480	29	-81
2805	4555.5	24411.0	367	-7	-573
2806	4964.5	24270.0	366	-96	-819
2807	5401.0	24121.0	379	-149	-916
2808	5952.0	24076.0	403	-89	-1020
2809	6515.0	24150.0	409	29	-1020
2810	7017.0	24347.0	399	134	-774
2811	7556.0	24898.0	393	59	-320
2905	4470.0	25182.0	480	89	-432
2907	5473.0	24531.0	403	-44	-1005
2909	6504.5	24662.0	403	141	-1035
2911	7316.5	25223.0	398	81	-543
3004	3988.0	25796.0	470	74	-119
3006	4998.5	25402.0	470	186	-856
3008	6023.5	25066.0	434	186	-1139
3010	6859.5	25388.0	413	141	-893
3012	7594.0	26088.0	521	-178	-387
3058	6010.0	24787.0	417	119	-1109
3105	4371.0	26199.0	480	44	-297
3107	5391.0	25856.0	480	134	-931
3109	6216.0	25759.0	462	149	-1109
3111	6875.0	26265.0	502	-268	-759
3204	3898.0	26934.0	508	119	-141
3206	4723.5	26636.0	488	37	-461
3208	5710.0	26503.0	477	-44	-856
3305	4349.5	27479.0	500	141	-275

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 11 JUN 1978 30 JUL 1978

ID #	X	Y	Z	VX	VY
3307	5150.5	27154.0	476	-22	-610
3309	5847.5	27307.0	487	-216	-662
3404	3823.0	27947.0	526	149	-111
3406	4750.0	27808.0	497	104	-379
3408	5400.5	27735.0	491	-111	-618
3410	6362.5	27863.0	505	-305	-566
3511	6706.5	28406.0	529	-305	-528
3555	4242.0	28135.0	524	149	-178
3559	5995.5	28287.0	516	-290	-566
3559	5995.5	28287.0	516	-290	-566
3563	7822.0	28704.0	526	-298	-454
3606	4582.5	28978.0	521	22	-148
3608	5391.5	28847.0	517	-141	-424
3610	6174.0	28873.0	532	-298	-513
3612	7090.0	28892.0	549	-298	-498
3759	5808.0	29392.0	528	-208	-409
3761	6650.0	29422.0	551	-313	-484
3802	2430.0	30136.0	561	74	-14
3808	5356.5	29960.0	528	-111	-208
3810	6166.0	29921.0	547	-268	-417
3854	3090.5	30177.0	539	7	-14
3908	5380.5	30709.0	538	-52	-89
3909	5771.0	30613.0	543	-134	-201
4010	6114.5	31112.0	552	-156	-171
4516	******	27988.0	565	-141	-104
4517	******	27368.0	571	7	-89
4518	******	26914.0	546	96	-119
4615	******	28980.0	572	-275	-245
4616	******	28364.0	566	-149	-141
4617	******	27881.0	564	0	-133
4618	******	27161.0	544	-7	-133
4715	******	29434.0	604	-208	-253
4815	******	29773.0	607	-238	-245
4816	******	29202.0	594	-96	-193
6002	******	36492.0	700	-149	-752
6003	******	36777.0	730	67	-849
6101	******	37192.0	775	-14	-193
6102	******	37309.0	779	201	-878
6103	******	37731.0	773	387	-975
6104	******	37741.0	736	186	-409
6201	******	38525.0	810	-22	-305
6202	******	38549.0	820	171	-975
6203	******	38616.0	781	387	-1027
6204	******	38940.0	773	186	-513
6302	******	39815.0	857	-37	-1162
6303	******	39762.0	870	-14	-1020
6304	******	40027.0	883	-37	-208

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 11 JUN 1978 30 JUL 1978

ID #	X	Y	Z	VX	VY
6401	******	40894.0	927	14	-692
6402	******	40740.0	912	-134	-1147
6403	******	40948.0	928	-231	-998
6404	******	40805.0	917	-67	-327
6501	******	42003.0	943	52	-268
6502	******	41836.0	927	-275	-938
6503	******	41848.0	964	-380	-931
6504	******	41648.0	982	-119	-223
6602	******	42619.0	973	-290	-990
6603	******	42592.0	990	-305	-819
6604	******	42662.0	996	-81	-163
6701	******	43091.0	5	7	-446
6702	******	43244.0	995	-186	-1027
6703	******	43211.0	13	-231	-938
6704	******	43378.0	42	-81	-216
6801	******	44667.0	120	275	-491
6802	******	44512.0	90	67	-856
6803	******	44189.0	84	-208	-752
6902	******	45665.0	103	126	-484
6903	******	45311.0	94	-111	-543
7001	******	46934.0	155	67	-439
7002	******	46608.0	152	-111	-700
7003	******	46094.0	130	-290	-633
7004	******	45878.0	159	-201	-357
7102	******	47128.0	232	-469	-849
7103	******	46660.0	237	-544	-737
7104	******	46250.0	256	-171	-461
7201	******	48067.0	323	-529	-201
7202	******	47749.0	360	-655	-342
7203	******	47315.0	386	-395	-633
7301	******	48880.0	326	-409	-193
7302	******	48482.0	389	-581	-685
7303	******	48097.0	415	-387	-737
7304	******	47964.0	415	-44	-260
7401	******	49799.0	496	-193	-596
7402	******	49500.0	483	-216	-990
7403	******	49061.0	466	-96	-759
7404	******	48937.0	463	-14	-193

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 30 JUL 1978 26 AUG 1978

ID #	X	Y	Z	VX	VY
210	8301.0	12220.0	92	-81	-175
310	8282.5	12417.0	93	-94	-351
311	8694.5	12737.0	99	94	-270
312	9256.0	12851.0	48	108	-27
411	8679.5	13204.0	92	40	-216
412	9139.0	13375.0	93	27	-94
413	9754.0	13377.0	78	27	-81
511	8582.5	13448.0	108	-40	-419
512	9128.5	13735.0	127	40	-135
514	******	14003.0	90	13	-27
605	5283.5	13651.0	95	-419	-378
606	5579.0	12973.0	69	-947	-905
610	7740.5	13018.0	101	-311	-1432
611	8411.0	13600.0	109	-162	-689
613	9472.0	14331.0	125	54	-81
615	******	14628.0	87	13	-13
706	5949.0	13691.0	113	-324	-851
707	6190.5	13230.0	123	-446	-1338
708	6636.0	13217.0	118	-270	-1432
710	7645.5	13510.0	109	-284	-1297
712	8852.0	14522.0	149	-54	-446
714	9888.5	14939.0	143	13	-27
759	7198.0	13140.0	101	-243	-1500
807	6226.5	13869.0	103	-230	-1013
808	6646.5	13771.0	130	-284	-1257
809	7230.0	13872.0	127	-243	-1297
810	7658.0	13926.0	127	-243	-1216
811	8094.0	14104.0	134	-243	-1095
813	9430.0	15286.0	159	27	-108
815	******	15520.0	124	27	0
905	5476.0	15390.0	165	-27	-135
906	5903.0	14889.0	148	-135	-594
907	6320.5	14580.0	165	-230	-1067
908	6726.0	14400.0	161	-216	-1189
909	7231.0	14358.0	141	-216	-1203
910	7612.0	14485.0	146	-216	-1135
911	8160.5	14580.0	156	-203	-1040
912	8795.5	15154.0	166	-94	-581
914	9847.0	15971.0	169	27	-40
916	******	16092.0	89	0	-13
1006	5986.5	15613.0	166	-13	-473
1007	6378.5	15365.0	163	-67	-784
1008	6669.5	15161.0	171	-148	-932
1009	7207.0	15123.0	163	-162	-1013
1010	7634.5	15032.0	156	-175	-1027
1011	8236.5	15213.0	160	-175	-959

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 30 JUL 1978 26 AUG 1978

ID #	X	Y	Z	VX	VY
1105	5392.0	16467.0	198	27	-135
1108	6729.0	15807.0	176	-81	-811
1110	7712.0	15689.0	182	-135	-973
1112	8753.5	16280.0	190	13	-730
1114	9775.0	16939.0	185	54	-40
1153	4234.0	16464.0	184	-54	-67
1154	4884.5	16493.0	188	13	0
1204	4617.0	16935.0	201	-54	-40
1207	6352.0	16381.0	183	27	-648
1209	7241.5	16170.0	188	-40	-892
1211	8249.5	16325.0	198	13	-892
1302	3656.5	17183.0	148	-148	-67
1303	4158.0	17479.0	177	-108	0
1306	5817.0	17183.0	219	54	-351
1308	6813.5	16800.0	189	40	-730
1310	7708.5	16828.0	211	40	-878
1312	8745.5	17073.0	200	94	-730
1314	9647.0	17931.0	208	27	-81
1372	3628.0	17373.0	151	-81	-27
1404	4786.0	17831.0	204	-54	-94
1405	5227.5	17762.0	203	-40	-216
1407	6283.5	17371.0	227	94	-648
1409	7256.5	17288.0	212	67	-797
1508	6846.0	17827.0	233	162	-730
1514	9537.5	18955.0	216	13	-40
1607	6326.0	18335.0	243	189	-621
1609	7275.5	18278.0	234	175	-784
1704	4612.5	19264.0	250	40	-81
1706	5806.0	18872.0	248	189	-540
1708	6793.5	18814.0	250	230	-716
1710	7741.0	18784.0	246	216	-770
1714	9444.0	19959.0	242	0	-40
1807	6218.5	19233.0	249	230	-635
1906	5761.0	19759.0	275	270	-635
1908	6718.0	19694.0	249	270	-689
1910	7702.0	19870.0	270	243	-689
1912	8545.5	20368.0	257	121	-378
2009	7169.5	20293.0	260	284	-702
2103	3983.5	21221.0	310	13	-67
2104	4505.5	20890.0	294	121	-365
2106	5670.0	20595.0	281	324	-662
2108	6622.0	20668.0	274	324	-743
2110	7557.0	21008.0	278	243	-594
2112	8397.5	21639.0	283	67	-202
2162	8534.5	21286.0	282	94	-202
2207	5986.5	21092.0	306	338	-757
2259	7140.5	21223.0	285	284	-662

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 30 JUL 1978 26 AUG 1978

ID #	X	Y	Z	VX	VY
2302	3251.5	22271.0	315	-13	0
2303	3711.0	22260.0	318	0	-40
2304	4217.5	22028.0	320	13	-297
2306	5285.5	21527.0	328	230	-743
2312	8206.0	22434.0	297	54	-243
2360	7284.0	21896.0	291	189	-554
2407	5742.0	21990.0	336	216	-851
2409	6758.0	22236.0	303	216	-770
2506	4974.5	22613.0	348	-13	-770
2508	6118.0	22522.0	342	135	-878
2510	7237.5	22932.0	357	67	-743
2607	5312.5	23036.0	373	-67	-838
2609	6533.0	23202.0	386	81	-1000
2611	7671.5	23890.0	375	121	-283
2707	5313.5	23594.0	371	-148	-838
2708	5883.0	23585.0	389	-108	-932
2709	6486.5	23632.0	399	13	-865
2710	7076.5	23956.0	389	121	-675
2804	3976.0	24936.0	477	27	-40
2805	4554.0	24356.0	358	-27	-459
2806	4955.0	24189.0	359	-81	-689
2807	5386.5	24031.0	374	-121	-784
2808	5943.0	23976.0	400	-81	-865
2809	6518.5	24050.0	403	40	-865
2810	7030.5	24271.0	394	121	-635
2811	7562.5	24866.0	391	67	-283
2905	4480.5	25141.0	477	121	-324
2907	5468.0	24433.0	392	-54	-824
2909	6518.5	24560.0	397	121	-878
2911	7325.5	25170.0	396	94	-446
3004	3995.0	25785.0	471	54	-81
3006	5016.0	25318.0	464	135	-730
3008	6042.5	24954.0	423	175	-959
3010	6874.0	25300.0	404	135	-743
3012	7578.0	26050.0	511	-108	-324
3105	4377.0	26170.0	479	81	-243
3107	5405.5	25764.0	475	148	-797
3109	6231.5	25650.0	455	148	-946
3111	6851.0	26186.0	491	-162	-743
3204	3911.0	26920.0	507	135	-121
3206	4728.5	26591.0	485	67	-378
3208	5705.5	26418.0	474	-40	-743
3260	6468.0	26688.0	497	-243	-608
3305	4364.5	27453.0	499	148	-216
3307	5149.5	27094.0	475	13	-513
3309	5828.0	27242.0	485	-135	-567
3404	3839.5	27936.0	525	175	-108

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 30 JUL 1978 26 AUG 1978

ID #	X	Y	Z	VX	VY
3406	4760.5	27772.0	494	94	-297
3408	5391.0	27675.0	488	-54	-500
3410	6333.5	27807.0	500	-230	-486
3511	6678.5	28354.0	523	-203	-446
3555	4257.5	28117.0	523	148	-162
3559	5970.0	28230.0	512	-162	-500
3563	7793.5	28658.0	523	-230	-419
3606	4585.5	28964.0	519	40	-108
3608	5380.0	28806.0	514	-54	-337
3612	7063.0	28842.0	544	-189	-446
3759	5789.0	29351.0	525	-135	-365
3761	6621.5	29374.0	547	-203	-419

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 26 AUG 1978 8 NOV 1978

ID #	X	Y	Z	VX	VY
311	8703.5	12687.0	92	54	-394
312	9269.0	12845.0	42	88	-44
411	8679.0	13161.0	87	-19	-340
412	9143.5	13363.0	89	34	-83
413	9759.0	13366.0	72	39	-74
511	8571.5	13369.0	102	-93	-631
512	9130.5	13720.0	124	5	-98
514	******	14002.0	88	-5	0
611	8373.5	13456.0	101	-310	-1169
613	9473.0	14320.0	124	-9	-74
662	8975.0	14180.0	135	-59	-296
706	5889.5	13564.0	119	-468	-947
708	6608.5	12924.0	102	-172	-2362
710	7610.5	13259.0	94	-241	-2002
712	8834.5	14446.0	143	-153	-592
714	9888.5	14936.0	141	-5	-14
755	5468.5	14052.0	102	-133	-217
807	6194.5	13709.0	102	-231	-1208
808	6608.5	13557.0	114	-271	-1652
809	7193.0	13634.0	112	-276	-1869
810	7620.5	13703.0	111	-281	-1756
811	8052.0	13911.0	119	-325	-1504
812	8657.5	14634.0	145	-202	-848
813	9430.5	15270.0	157	-5	-118
815	******	15519.0	120	-14	-9
855	5401.0	14755.0	135	-69	-128
856	5823.5	14050.0	104	-113	-680
905	5469.5	15362.0	165	-54	-227
906	5883.0	14799.0	135	-147	-670
907	6283.0	14407.0	144	-286	-1316
908	6690.5	14202.0	145	-271	-1519
909	7195.0	14153.0	129	-276	-1583
910	7575.0	14287.0	135	-286	-1534
911	8122.0	14401.0	144	-306	-1391
912	8775.5	15060.0	158	-162	-720
914	9852.0	15964.0	167	39	-54
1005	5440.5	15901.0	175	-5	-128
1006	5985.5	15541.0	165	-5	-537
1007	6366.0	15241.0	157	-98	-937
1008	6646.0	15009.0	162	-177	-1159
1009	7180.0	14955.0	155	-207	-1292
1010	7603.0	14857.0	147	-246	-1346
1011	8207.0	15056.0	155	-227	-1203
1065	******	16664.0	155	29	-9
1105	5394.0	16448.0	197	9	-133
1108	6712.0	15676.0	171	-138	-991

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 26 AUG 1978 8 NOV 1978

ID #	X	Y	Z	VX	VY
1110	7686.5	15530.0	172	-202	-1208
1112	8747.0	16166.0	188	-69	-853
1114	9778.0	16934.0	184	9	-34
1154	4883.0	16491.0	188	-19	-19
1202	3551.0	16873.0	144	-78	-34
1203	4090.0	16980.0	194	-88	-24
1204	4608.0	16929.0	199	-69	-49
1205	5272.5	16849.0	213	-14	-123
1207	6350.5	16281.0	178	-24	-744
1209	7228.5	16031.0	180	-113	-1045
1211	8241.0	16183.0	191	-88	-1070
1302	3644.0	17177.0	143	-69	-39
1303	4144.5	17479.0	175	-93	0
1304	4724.5	17455.0	204	-74	-39
1306	5820.0	17127.0	214	9	-419
1308	6812.5	16686.0	186	-24	-858
1310	7707.0	16693.0	206	-29	-1016
1312	8751.5	16965.0	197	24	-794
1314	9650.5	17920.0	205	24	-74
1372	3617.5	17369.0	146	-74	-24
1404	4776.0	17819.0	203	-78	-88
1405	5222.0	17736.0	203	-39	-177
1407	6294.0	17275.0	218	69	-710
1409	7262.5	17167.0	208	34	-907
1411	8301.5	17155.0	211	54	-961
1506	5886.0	17939.0	242	69	-527
1508	6864.0	17716.0	228	118	-828
1514	9540.0	18947.0	213	19	-64
1607	6350.0	18242.0	241	167	-690
1704	4614.5	19255.0	248	5	-54
1706	5832.0	18790.0	247	187	-606
1708	6823.0	18710.0	247	207	-764
1710	7769.5	18669.0	238	202	-858
1712	8613.5	19143.0	231	153	-616
1714	9445.5	19953.0	241	14	-44
1807	6249.0	19140.0	245	217	-690
1809	7220.5	19103.0	255	231	-794
1859	7639.5	19229.0	263	241	-818
1904	4585.5	20034.0	287	74	-187
1906	5796.5	19667.0	270	251	-675
1908	6752.5	19594.0	247	241	-735
1910	7735.0	19768.0	268	237	-759
1912	8565.5	20316.0	254	153	-374
2009	7205.5	20192.0	258	251	-735
2103	3984.0	21211.0	308	0	-78
2104	4518.5	20840.0	294	84	-365
2106	5713.0	20498.0	280	306	-720

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 26 AUG 1978 8 NOV 1978

ID #	X	Y	Z	VX	VY
2108	6663.5	20565.0	268	291	-744
2110	7588.5	20923.0	275	222	-621
2112	8407.5	21611.0	282	74	-202
2162	8549.0	21260.0	278	108	-187
2207	6029.0	20986.0	300	296	-764
2259	7178.0	21130.0	283	266	-680
2302	3250.0	22270.0	316	-9	-5
2303	3710.0	22255.0	318	-9	-34
2304	4221.0	21995.0	321	29	-217
2306	5314.5	21424.0	325	202	-749
2308	6402.5	21436.0	305	291	-754
2312	8214.5	22401.0	292	64	-231
2360	7310.0	21816.0	290	187	-592
2407	5771.0	21880.0	330	207	-779
2409	6788.0	22135.0	294	217	-715
2504	3969.5	23240.0	335	-64	-83
2506	4974.5	22512.0	344	5	-715
2508	6138.5	22407.0	330	153	-813
2510	7255.0	22837.0	347	147	-665
2512	8258.5	23670.0	349	-5	-14
2605	4298.5	23544.0	344	-123	-281
2607	5304.5	22924.0	368	-54	-798
2609	6541.5	23082.0	380	54	-818
2611	7685.5	23851.0	372	93	-286
2706	4839.0	23682.0	353	-157	-582
2707	5291.5	23487.0	367	-162	-749
2708	5867.0	23467.0	382	-118	-828
2709	6486.0	23518.0	396	-9	-808
2710	7091.0	23869.0	386	98	-606
2712	8063.0	24732.0	368	-9	-5
2755	4374.5	24021.0	348	-74	-290
2804	3977.5	24928.0	475	5	-68
2805	4547.5	24296.0	354	-54	-424
2806	4938.0	24096.0	353	-138	-670
2807	5366.0	23925.0	370	-157	-754
2808	5928.5	23859.0	395	-113	-838
2809	6520.0	23935.0	401	0	-813
2810	7046.0	24185.0	389	108	-621
2811	7570.0	24830.0	388	49	-256
2905	4488.5	25092.0	470	34	-359
2907	5456.0	24324.0	382	-98	-779
2909	6528.5	24446.0	396	54	-804
2911	7335.5	25112.0	395	64	-409
2973	8330.0	25954.0	534	-19	-9
3004	3996.5	25771.0	470	-5	-108
3006	5033.5	25216.0	457	123	-739
3008	6057.0	24828.0	412	78	-897

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 26 AUG 1978 8 NOV 1978

ID #	X	Y	Z	VX	VY
3010	6890.0	25202.0	400	108	-700
3012	7560.5	26006.0	503	-133	-310
3058	5952.0	24517.0	403	-19	-858
3105	4382.0	26136.0	478	19	-246
3107	5423.0	25654.0	471	118	-794
3109	6251.5	25524.0	447	143	-897
3111	6833.0	26089.0	485	-118	-690
3163	7928.5	26603.0	536	-162	-118
3204	3922.0	26903.0	509	59	-128
3206	4732.5	26539.0	484	14	-374
3208	5700.5	26317.0	471	-34	-730
3260	6434.0	26604.0	494	-246	-606
3272	7241.5	27024.0	521	-320	-345
3305	4378.0	27423.0	500	78	-212
3307	5148.0	27025.0	476	-19	-488
3309	5804.5	27164.0	482	-182	-562
3373	7638.5	27697.0	514	-300	-315
3404	3855.5	27923.0	527	93	-88
3406	4769.0	27731.0	493	49	-290
3408	5379.0	27608.0	485	-98	-478
3410	6296.5	27742.0	496	-281	-463
3412	7191.5	27935.0	504	-320	-394
3507	5131.0	28469.0	509	-78	-305
3509	5763.5	28155.0	505	-212	-448
3511	6644.5	28296.0	517	-261	-414
3555	4271.5	28096.0	524	84	-147
3559	5940.0	28167.0	509	-237	-443
3563	7759.5	28606.0	519	-251	-359
3606	4589.5	28951.0	520	24	-88
3608	5365.5	28762.0	513	-123	-315
3612	7030.5	28787.0	540	-251	-384
3756	4469.0	29485.0	528	-19	-24
3757	4904.5	29583.0	523	24	-78
3759	5766.5	29308.0	526	-172	-296
3761	6589.0	29323.0	544	-246	-350

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

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ID #	X	Y	Z	VX	VY
311	8710.5	12602.0	85	18	-556
312	9281.5	12840.0	39	43	-6
411	8677.0	13092.0	84	0	-426
413	9764.5	13353.0	64	18	-74
462	9080.0	13186.0	88	12	-61
512	9134.0	13697.0	121	37	-160
514	******	14001.0	87	6	-12
611	8316.0	13214.0	90	-321	-1527
613	9472.5	14308.0	123	6	-61
714	9888.0	14933.0	140	0	-18
755	5451.0	14019.0	103	-49	-136
757	6056.5	12859.0	103	-439	-1354
807	6146.5	13489.0	114	-303	-1206
808	6570.0	13228.0	111	-136	-2004
809	7150.5	13262.0	94	-179	-2264
810	7573.0	13345.0	92	-235	-2227
811	7994.0	13607.0	98	-309	-1880
812	8615.5	14457.0	136	-266	-1126
813	9429.5	15249.0	156	-6	-105
855	5393.0	14734.0	135	-12	-98
856	5803.0	13932.0	109	-111	-606
860	7840.5	13192.0	88	-278	-2196
905	5462.5	15329.0	164	-18	-117
906	5865.0	14678.0	121	-37	-655
907	6237.5	14162.0	117	-204	-1385
908	6640.5	13904.0	124	-278	-1781
909	7145.0	13834.0	115	-272	-1967
910	7523.0	13975.0	123	-284	-1942
911	8063.0	14115.0	125	-346	-1793
912	8743.5	14910.0	149	-191	-952
914	9856.5	15958.0	167	6	-6
1005	5441.0	15879.0	176	12	-111
1006	5985.0	15437.0	164	0	-618
1007	6348.0	15049.0	156	-98	-1200
1008	6612.5	14770.0	156	-191	-1509
1009	7141.5	14690.0	147	-216	-1657
1010	7556.0	14582.0	136	-272	-1719
1011	8159.5	14807.0	151	-303	-1571
1013	9238.5	16212.0	182	-6	-426
1065	******	16663.0	155	12	0
1105	5395.5	16423.0	197	6	-142
1108	6685.0	15471.0	166	-161	-1299
1112	8731.5	15989.0	184	-105	-1126
1114	9779.5	16929.0	183	6	-24
1154	4879.5	16489.0	190	-18	0
1205	5271.0	16826.0	215	0	-136

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

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ID #	X	Y	Z	VX	VY
1207	6346.5	16128.0	174	-18	-958
1209	7205.0	15815.0	172	-148	-1361
1304	4711.0	17446.0	205	-74	-55
1306	5826.0	17043.0	209	61	-513
1308	6807.5	16507.0	183	-31	-1132
1310	7698.5	16481.0	199	-67	-1342
1312	8754.5	16804.0	192	6	-1002
1314	9654.5	17908.0	204	18	-55
1404	4763.5	17804.0	204	-55	-74
1405	5215.0	17702.0	206	-37	-197
1407	6307.5	17127.0	206	80	-940
1409	7268.0	16980.0	203	24	-1175
1411	8310.5	16957.0	207	43	-1243
1506	5902.5	17833.0	243	117	-649
1508	6886.5	17545.0	221	130	-1076
1510	7820.0	17430.0	214	111	-1224
1514	9542.5	18936.0	212	6	-61
1607	6384.5	18099.0	241	216	-897
1704	4616.0	19245.0	249	12	-61
1706	5870.5	18667.0	247	241	-761
1708	6865.5	18552.0	243	266	-996
1710	7810.0	18491.0	231	247	-1119
1712	8642.0	19019.0	227	161	-767
1714	9448.0	19946.0	241	12	-37
1807	6294.0	18999.0	243	284	-878
1809	7267.0	18939.0	251	284	-1033
1859	7689.0	19059.0	257	309	-1070
1904	4601.0	19997.0	288	98	-222
1906	5847.5	19531.0	264	315	-841
1908	6801.0	19444.0	248	297	-940
1910	7784.5	19611.0	267	315	-989
1912	8592.0	20238.0	252	136	-488
2007	6305.5	19896.0	249	365	-915
2009	7257.0	20042.0	256	321	-934
2106	5775.5	20353.0	281	390	-890
2108	6719.5	20414.0	260	327	-940
2110	7633.5	20794.0	272	278	-810
2112	8423.0	21572.0	281	98	-235
2162	8568.0	21221.0	275	98	-241
2207	6090.0	20833.0	292	383	-940
2259	7232.5	20990.0	280	340	-878
2302	3245.5	22269.0	314	-43	-12
2303	3707.5	22249.0	318	-18	-37
2304	4225.0	21950.0	320	12	-278
2306	5360.0	21273.0	320	309	-921
2312	8228.0	22356.0	288	86	-272
2407	5818.0	21721.0	326	321	-989

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 8 NOV 1978 6 JAN 1979

ID #	X	Y	Z	VX	VY
2409	6833.0	21993.0	287	284	-859
2453	3521.0	22854.0	316	-49	-18
2504	3958.0	23225.0	337	-61	-80
2506	4977.0	22370.0	341	24	-866
2508	6175.5	22246.0	319	266	-971
2510	7286.0	22704.0	333	197	-816
2512	8258.5	23667.0	349	6	-18
2605	4278.0	23495.0	344	-98	-253
2607	5297.5	22762.0	363	-18	-996
2609	6555.0	22917.0	371	98	-1014
2611	7705.0	23794.0	370	123	-346
2706	4808.5	23568.0	356	-179	-680
2707	5261.0	23338.0	366	-173	-903
2708	5846.5	23301.0	375	-105	-1008
2709	6487.0	23355.0	392	24	-996
2755	4362.0	23967.0	351	-61	-309
2804	3979.0	24915.0	477	12	-67
2805	4537.5	24215.0	353	-55	-470
2806	4912.5	23968.0	351	-142	-736
2807	5336.0	23777.0	369	-173	-884
2808	5907.0	23693.0	393	-123	-1002
2809	6520.5	23772.0	399	6	-996
2810	7067.0	24063.0	387	123	-723
2811	7579.5	24779.0	386	55	-309
2907	5435.5	24171.0	377	-130	-909
2909	6538.5	24285.0	399	55	-983
2911	7346.5	25032.0	394	55	-482
3006	5055.5	25067.0	448	117	-909
3008	6070.0	24652.0	404	61	-1051
3058	5946.5	24347.0	401	-43	-1020
3105	4387.0	26088.0	477	37	-284
3107	5448.5	25493.0	466	167	-996
3109	6283.0	25346.0	436	210	-1076
3111	6816.5	25948.0	476	-55	-878
3163	7897.5	26580.0	538	-179	-129
3204	3933.0	26878.0	506	61	-142
3206	4736.5	26464.0	482	31	-451
3208	5698.0	26171.0	468	12	-890
3260	6390.5	26481.0	490	-229	-761
3305	4394.0	27381.0	498	98	-253
3307	5146.0	26928.0	476	0	-587
3309	5772.0	27052.0	479	-173	-674
3373	7576.5	27635.0	514	-390	-365
3404	3875.5	27906.0	525	130	-98
3406	4779.5	27673.0	490	67	-358
3408	5363.5	27512.0	481	-67	-587
3410	6242.5	27651.0	493	-315	-544

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 8 NOV 1978 6 JAN 1979

ID #	X	Y	Z	VX	VY
3412	7130.5	27860.0	504	-352	-432
3507	5118.0	28406.0	506	-61	-389
3509	5723.5	28065.0	500	-229	-550
3511	6593.0	28214.0	516	-309	-494
3555	4290.0	28067.0	523	123	-173
3559	5896.0	28077.0	506	-247	-550
3563	7707.5	28536.0	519	-327	-414
3606	4595.5	28934.0	520	43	-98
3608	5342.5	28697.0	512	-130	-402
3610	6068.5	28684.0	525	-266	-488
3612	6981.0	28709.0	538	-297	-476
3755	3985.0	29651.0	530	49	0
3756	4469.5	29482.0	528	31	-12
3757	4905.0	29569.0	523	-24	-74
3759	5732.5	29247.0	525	-204	-383
3761	6539.5	29251.0	542	-303	-457
3807	4791.0	29990.0	526	-12	-18
3810	6078.0	29783.0	543	-235	-352
3856	4565.0	30206.0	525	12	12
3908	5367.0	30687.0	537	-37	-49
3909	5727.0	30551.0	542	-111	-148

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

6 JAN 1979

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ID #	X	Y	Z	VX	VY
312	9291.5	12838.0	38	49	-15
411	8682.5	13008.0	90	42	-376
413	9767.5	13338.0	58	11	-68
462	9083.5	13175.0	86	18	-41
512	9143.5	13665.0	116	49	-140
514	******	14000.0	87	7	3
611	8284.5	12912.0	84	-42	-1357
613	9474.0	14298.0	122	7	-37
714	9888.5	14932.0	139	3	3
755	5433.5	13988.0	104	-102	-148
757	5977.0	12625.0	104	-334	-946
807	6078.5	13273.0	128	-330	-901
808	6551.5	12860.0	111	-56	-1562
809	7145.0	12834.0	86	68	-1859
810	7559.5	12933.0	85	42	-1764
811	7954.0	13266.0	89	-114	-1437
812	8570.5	14243.0	128	-178	-935
813	9429.0	15233.0	156	0	-56
855	5386.5	14713.0	134	-42	-94
856	5767.5	13824.0	116	-201	-448
860	7819.5	12755.0	80	11	-1973
905	5460.0	15305.0	162	-7	-114
906	5853.0	14554.0	117	-68	-536
907	6202.5	13921.0	109	-140	-981
908	6599.5	13586.0	117	-140	-1319
909	7105.5	13474.0	112	-133	-1528
910	7481.5	13621.0	116	-140	-1497
911	8011.5	13787.0	107	-178	-1387
912	8710.0	14732.0	145	-136	-767
914	9858.0	15956.0	167	7	-11
1005	5443.5	15857.0	174	11	-98
1006	5981.5	15313.0	164	-26	-562
1007	6316.0	14807.0	160	-182	-1098
1008	6569.5	14478.0	155	-209	-1288
1009	7098.0	14375.0	144	-197	-1376
1010	7508.0	14258.0	131	-197	-1403
1011	8105.5	14506.0	148	-224	-1323
1013	9238.5	16138.0	180	3	-304
1065	******	16663.0	155	15	0
1108	6653.0	15217.0	164	-144	-1132
1112	8710.5	15771.0	178	-94	-965
1114	9781.5	16925.0	183	11	-15
1207	6340.5	15935.0	172	-34	-882
1209	7176.0	15544.0	169	-129	-1224
1271	8185.5	15677.0	178	-140	-1269
1304	4695.0	17436.0	206	-75	-41

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 6 JAN 1979 12 APR 1979

ID #	X	Y	Z	VX	VY
1306	5840.5	16937.0	209	72	-494
1308	6797.0	16278.0	180	-60	-1045
1310	7680.0	16210.0	194	-98	-1235
1312	8754.5	16604.0	191	-3	-904
1314	9658.0	17900.0	204	15	-30
1404	4753.0	17790.0	203	-45	-56
1405	5206.5	17659.0	206	-42	-201
1409	7269.0	16739.0	199	-7	-1106
1411	8316.5	16705.0	204	18	-1151
1506	5921.0	17700.0	242	68	-616
1508	6907.0	17323.0	211	75	-1022
1510	7837.5	17180.0	212	64	-1148
1512	8792.0	17652.0	208	68	-802
1514	9544.5	18927.0	213	11	-30
1607	6428.0	17909.0	241	197	-897
1609	7368.5	17752.0	218	155	-1079
1704	4619.5	19232.0	248	18	-56
1706	5919.5	18507.0	245	224	-748
1708	6919.5	18340.0	240	247	-1000
1710	7857.5	18255.0	228	209	-1106
1712	8660.5	18880.0	224	42	-581
1714	9452.0	19939.0	240	23	-30
1807	6352.0	18812.0	241	266	-882
1809	7325.0	18720.0	244	266	-1030
1859	7750.5	18834.0	248	277	-1057
1904	4621.0	19951.0	285	91	-209
1906	5912.0	19351.0	255	296	-847
1908	6863.0	19241.0	250	289	-965
1910	7851.0	19399.0	262	311	-1000
1912	8620.5	20140.0	248	133	-448
2007	6379.5	19701.0	242	338	-920
2009	7323.5	19841.0	258	308	-954
2106	5860.0	20159.0	278	403	-923
2108	6790.5	20213.0	251	338	-946
2110	7692.0	20619.0	268	273	-832
2112	8444.5	21523.0	281	102	-224
2162	8590.0	21174.0	271	106	-212
2207	6176.0	20630.0	278	418	-965
2259	7305.0	20799.0	274	342	-912
2302	3240.5	22268.0	313	-11	3
2303	3704.5	22242.0	317	-11	-26
2304	4228.5	21891.0	318	18	-281
2306	5431.0	21069.0	310	349	-984
2312	8245.5	22300.0	285	79	-258
2407	5891.0	21505.0	323	357	-1034
2409	6895.0	21805.0	287	296	-904
2453	3512.5	22852.0	314	-34	-3

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

6 JAN 1979

12 APR 1979

ID #	X	Y	Z	VX	VY
2504	3945.0	23209.0	336	-60	-75
2506	4988.5	22178.0	336	72	-927
2508	6242.0	22038.0	309	342	-984
2510	7331.5	22522.0	313	224	-878
2512	8261.0	23662.0	350	15	-26
2605	4255.0	23435.0	343	-114	-304
2607	5300.5	22541.0	355	34	-1068
2611	7732.5	23713.0	371	133	-402
2706	4766.5	23416.0	358	-209	-733
2707	5228.5	23131.0	364	-140	-1015
2708	5834.5	23070.0	366	-26	-1136
2709	6497.5	23133.0	384	64	-1079
2755	4346.5	23898.0	352	-79	-330
2804	3981.5	24903.0	478	11	-53
2805	4524.5	24112.0	351	-64	-494
2806	4879.0	23805.0	354	-167	-786
2808	5881.0	23466.0	388	-121	-1106
2809	6522.5	23548.0	398	11	-1091
2810	7095.0	23895.0	391	136	-832
2811	7593.5	24707.0	385	72	-353
2907	5402.5	23966.0	377	-171	-1000
2909	6547.0	24064.0	402	30	-1079
2911	7365.0	24922.0	391	106	-536
3006	5071.0	24862.0	427	45	-1000
3008	6073.5	24417.0	401	-11	-1140
3058	5930.0	24118.0	402	-98	-1113
3105	4398.5	26021.0	479	64	-330
3107	5488.5	25260.0	459	201	-1159
3109	6330.0	25105.0	422	228	-1167
3111	6821.5	25744.0	451	72	-1011
3163	7856.0	26545.0	538	-205	-186
3204	3950.0	26843.0	501	91	-178
3206	4745.5	26357.0	480	49	-539
3208	5712.5	25956.0	465	102	-1083
3260	6350.5	26292.0	485	-163	-973
3305	4415.5	27318.0	495	102	-327
3307	5150.0	26788.0	475	30	-707
3309	5738.5	26890.0	477	-148	-817
3404	3908.0	27880.0	521	167	-136
3406	4795.0	27586.0	484	75	-440
3408	5351.0	27373.0	477	-53	-695
3410	6175.5	27522.0	488	-315	-646
3509	5673.5	27935.0	494	-239	-650
3511	6522.0	28097.0	512	-349	-585
3555	4320.5	28023.0	519	155	-224
3559	5839.0	27949.0	500	-281	-638
3563	7639.5	28440.0	519	-315	-479

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

6 JAN 1979

12 APR 1979

ID #	X	Y	Z	VX	VY
3606	4602.0	28906.0	516	23	-148
3608	5312.5	28600.0	508	-148	-494
3610	6006.0	28568.0	521	-311	-581
3612	6911.5	28597.0	535	-346	-558
3755	3989.5	29645.0	528	3	-45
3756	4472.5	29475.0	525	3	-41
3757	4900.0	29547.0	521	-23	-121
3759	5685.0	29156.0	522	-235	-456
3761	6470.5	29142.0	539	-338	-547
3807	4787.0	29984.0	524	-23	-37
3810	6022.5	29697.0	538	-277	-437
3908	5357.5	30675.0	536	-49	-60
3909	5701.0	30514.0	539	-129	-186

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 12 APR 1979 18 AUG 1979

ID #	X	Y	Z	VX	VY
312	9309.5	12832.0	34	65	-22
411	8686.0	12891.0	96	-11	-387
413	9782.0	13325.0	49	74	-20
462	9095.5	13157.0	81	54	-74
512	9168.5	13603.0	98	105	-251
514	******	13994.0	84	45	-39
613	9488.0	14267.0	117	74	-148
706	5505.5	13108.0	88	-556	-396
755	5419.0	13950.0	104	-5	-108
807	5972.5	13025.0	120	-356	-738
810	7553.0	12493.0	77	-68	-1186
811	7934.0	12885.0	95	-28	-1095
812	8519.5	13989.0	117	-157	-744
813	9430.5	15198.0	154	8	-159
815	******	15485.0	115	-14	-188
855	5372.5	14676.0	128	-48	-139
856	5683.5	13679.0	120	-327	-490
905	5463.0	15264.0	156	23	-148
907	6154.5	13663.0	117	-168	-732
908	6555.5	13232.0	120	-145	-1029
909	7082.0	13067.0	109	-34	-1174
910	7455.5	13222.0	107	-42	-1149
911	7977.0	13423.0	96	-62	-1038
912	8682.0	14529.0	142	-56	-578
1005	5445.5	15820.0	170	2	-133
1006	5957.0	15132.0	160	-119	-610
1007	6252.5	14496.0	147	-225	-952
1008	6508.0	14128.0	138	-193	-1029
1009	7045.0	14002.0	138	-154	-1095
1010	7459.5	13879.0	128	-128	-1109
1011	8052.5	14144.0	137	-134	-1069
1108	6608.5	14897.0	165	-145	-975
1110	7554.5	14633.0	150	-145	-1074
1112	8681.0	15486.0	167	-97	-898
1114	9787.5	16919.0	179	25	-22
1207	6324.5	15686.0	164	-65	-758
1209	7136.0	15204.0	167	-131	-1017
1271	8145.5	15331.0	165	-122	-1020
1304	4661.0	17413.0	200	-136	-99
1306	5863.0	16791.0	201	74	-459
1308	6772.5	15985.0	175	-94	-886
1310	7647.5	15868.0	183	-111	-1026
1404	4730.5	17766.0	198	-94	-94
1405	5187.0	17593.0	201	-79	-228
1409	7259.0	16426.0	191	-51	-955
1411	8314.5	16380.0	197	-25	-992

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 12 APR 1979 18 AUG 1979

ID #	X	Y	Z	VX	VY
1506	5936.5	17523.0	236	37	-544
1508	6921.0	17034.0	198	23	-881
1510	7851.5	16854.0	209	31	-997
1514	9551.0	18914.0	211	28	-51
1607	6475.5	17648.0	230	122	-815
1609	7403.5	17445.0	210	82	-940
1704	4625.5	19212.0	244	20	-71
1706	5978.5	18294.0	241	168	-652
1708	6979.5	18052.0	231	157	-895
1710	7909.5	17938.0	221	139	-978
1712	8698.5	18675.0	220	185	-732
1714	9460.0	19929.0	238	28	-34
1807	6424.5	18557.0	240	214	-789
1809	7396.5	18424.0	235	208	-918
1859	7824.5	18529.0	236	214	-946
1906	5995.5	19111.0	246	253	-735
1908	6944.0	18962.0	248	245	-866
1910	7939.0	19107.0	249	268	-915
2007	6472.5	19434.0	238	276	-832
2009	7412.0	19559.0	262	273	-892
2106	5974.0	19892.0	268	348	-829
2108	6887.0	19939.0	246	296	-852
2110	7773.0	20374.0	263	256	-772
2112	8476.5	21455.0	279	105	-222
2153	4025.0	20993.0	294	34	-111
2154	4592.0	20549.0	291	148	-424
2162	8624.5	21106.0	265	116	-228
2207	6299.5	20345.0	260	390	-901
2259	7403.5	20531.0	267	305	-841
2304	4236.5	21798.0	315	31	-319
2306	5540.5	20785.0	293	362	-881
2312	8265.0	22229.0	277	51	-208
2358	6666.5	20704.0	273	368	-901
2360	7504.5	21307.0	283	288	-715
2407	6001.5	21208.0	310	362	-918
2409	6990.0	21538.0	287	319	-841
2453	3501.5	22850.0	312	-37	-11
2504	3925.5	23182.0	332	-65	-97
2506	5022.0	21900.0	330	136	-886
2508	6347.5	21742.0	300	345	-949
2510	7388.5	22276.0	288	157	-744
2605	4237.5	23349.0	340	-14	-262
2607	5324.5	22225.0	344	111	-1000
2707	5198.5	22819.0	357	-65	-1017
2708	5843.5	22728.0	351	71	-1097
2709	6527.5	22804.0	362	122	-1066
2755	4319.0	23797.0	348	-97	-327

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 12 APR 1979 18 AUG 1979

ID #	X	Y	Z	VX	VY
2760	7177.5	23184.0	373	157	-892
2762	7922.0	24676.0	374	34	-48
2804	3986.5	24883.0	475	20	-74
2806	4820.5	23566.0	356	-208	-772
2808	5855.5	23135.0	375	-54	-1060
2809	6532.0	23222.0	382	45	-1040
2811	7619.5	24607.0	381	94	-308
2907	5344.5	23663.0	372	-202	-978
2909	6549.5	23740.0	395	-8	-1035
2911	7403.0	24764.0	385	136	-501
2955	4595.0	24685.0	407	136	-827
3006	5070.5	24565.0	389	-37	-943
3008	6053.5	24072.0	398	-105	-1109
3058	5891.5	23781.0	397	-145	-1086
3060	6958.5	24682.0	391	145	-863
3062	7351.0	25736.0	445	-39	-581
3105	4416.0	25920.0	479	51	-330
3107	5535.0	24909.0	433	114	-1132
3109	6388.5	24756.0	404	162	-1117
3111	6860.0	25448.0	410	165	-929
3163	7791.5	26489.0	538	-214	-179
3204	3974.5	26788.0	497	71	-179
3206	4758.0	26187.0	479	34	-564
3208	5761.0	25613.0	456	199	-1146
3260	6335.0	25974.0	471	34	-1080
3305	4447.5	27215.0	495	105	-342
3307	5157.0	26620.0	475	17	-424
3309	5704.0	26632.0	475	-85	-858
3404	3956.5	27835.0	518	151	-151
3408	5334.5	27165.0	476	-54	-664
3410	6087.5	27324.0	481	-265	-644
3509	5606.0	27734.0	487	-205	-661
3511	6413.5	27917.0	504	-356	-587
3555	4367.0	27949.0	514	148	-253
3559	5759.5	27750.0	493	-242	-655
3606	4602.5	28846.0	515	-14	-233
3612	6804.0	28425.0	525	-353	-564
3653	3506.0	28721.0	534	142	-99
3755	4000.5	29634.0	526	59	-25
3756	4480.5	29464.0	524	42	-31
3759	5624.0	29021.0	518	-171	-427
3761	6358.5	28971.0	532	-385	-564
3802	2493.5	30125.0	559	82	-17
3807	4781.0	29971.0	523	-17	-45
3810	5939.5	29564.0	531	-265	-433
3864	3623.5	29767.0	532	-54	-102
3882	6472.0	29761.0	548	-342	-490

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 12 APR 1979 18 AUG 1979

ID #	X	Y	Z	VX	VY
3908	5343.0	30652.0	535	-45	-82
3909	5648.0	30450.0	535	-205	-228

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 18 AUG 1979 20 OCT 1979

ID #	X	Y	Z	VX	VY
312	9320.0	12824.0	29	-11	-40
411	8696.0	12808.0	88	139	-167
413	9790.0	13317.0	37	-58	-58
462	9107.5	13142.0	72	28	-22
512	9193.5	13540.0	75	75	-214
514	******	13985.0	79	23	-22
609	7204.0	13187.0	99	-58	-1523
613	9502.5	14230.0	114	17	-121
714	9917.5	14937.0	128	17	-11
755	5406.5	13920.0	106	-133	-127
807	5865.5	12812.0	90	-516	-973
812	8490.5	13808.0	104	-17	-590
813	9432.5	15160.0	152	5	-115
815	******	15451.0	111	11	-5
855	5363.0	14645.0	121	-11	-75
856	5594.0	13556.0	114	-371	-423
905	5467.0	15230.0	149	0	-92
907	6099.5	13463.0	121	-295	-828
908	6513.0	12911.0	106	-197	-1627
911	7950.0	13115.0	82	-185	-1454
912	8662.0	14379.0	135	-115	-567
1005	5446.0	15791.0	165	0	-69
1006	5931.0	14987.0	151	-58	-440
1007	6201.5	14254.0	121	-133	-863
1008	6457.0	13863.0	115	-197	-979
1009	7008.5	13702.0	121	-110	-1245
1010	7430.0	13569.0	115	-81	-1344
1011	8005.0	13861.0	117	-278	-1106
1105	5406.5	16313.0	183	17	-92
1108	6571.5	14646.0	161	-133	-921
1110	7516.5	14351.0	139	-145	-1083
1112	8654.0	15274.0	161	-115	-631
1114	9794.0	16911.0	177	23	-40
1154	4870.5	16488.0	183	-17	-5
1204	4411.0	16922.0	188	-58	-40
1205	5276.5	16717.0	204	5	-69
1207	6311.5	15501.0	154	-17	-596
1209	7102.5	14947.0	157	-121	-915
1271	8111.5	15077.0	153	-145	-869
1304	4631.5	17393.0	196	-63	-34
1306	5879.5	16685.0	193	40	-301
1308	6750.5	15771.0	170	-63	-683
1310	7619.5	15615.0	171	-98	-840
1404	4709.0	17745.0	194	-58	-52
1407	6333.5	16526.0	180	5	-509
1409	7246.5	16197.0	181	-40	-718

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

18 AUG 1979

20 OCT 1979

ID #	X	Y	Z	VX	VY
1411	8305.0	16143.0	189	-58	-724
1506	5945.0	17397.0	231	23	-353
1508	6925.5	16827.0	190	5	-608
1510	7856.0	16615.0	203	-11	-741
1514	9556.5	18900.0	209	5	-58
1607	6503.0	17458.0	218	69	-544
1609	7420.5	17224.0	204	28	-648
1704	4630.5	19196.0	240	17	-46
1706	6015.5	18145.0	238	86	-405
1708	7015.5	17842.0	223	98	-608
1710	7940.0	17709.0	215	69	-666
1712	8738.0	18509.0	218	81	-440
1714	9466.5	19920.0	235	17	-28
1807	6473.0	18374.0	239	127	-521
1809	7443.0	18209.0	228	115	-625
1859	7872.5	18308.0	229	121	-637
1906	6053.5	18940.0	240	156	-480
1908	7001.0	18760.0	244	162	-573
1910	7999.0	18895.0	237	150	-596
2007	6535.5	19242.0	237	168	-532
2009	7475.5	19353.0	261	179	-579
2106	6052.5	19702.0	256	203	-521
2108	6954.5	19742.0	245	179	-550
2110	7831.0	20199.0	258	150	-457
2112	8500.5	21406.0	276	63	-115
2153	4032.5	20967.0	290	17	-75
2154	4626.0	20452.0	286	92	-260
2162	8652.0	21056.0	260	81	-115
2207	6387.5	20138.0	249	226	-567
2259	7472.5	20339.0	261	179	-515
2304	4244.0	21724.0	314	23	-202
2306	5622.5	20584.0	282	214	-538
2312	8279.0	22182.0	271	58	-121
2358	6749.5	20497.0	262	214	-567
2360	7570.0	21145.0	278	173	-423
2407	6084.5	20994.0	294	226	-608
2409	7063.5	21347.0	284	203	-504
2453	3491.5	22847.0	311	-40	-11
2504	3910.0	23160.0	331	-46	-58
2506	5055.0	21699.0	326	104	-527
2508	6428.0	21527.0	294	231	-567
2510	7425.5	22111.0	281	110	-405
2605	4229.5	23286.0	339	-63	-197
2607	5340.0	21983.0	335	-46	-770
2707	5186.0	22587.0	347	-11	-619
2708	5863.5	22478.0	338	86	-671
2709	6559.5	22561.0	339	121	-648

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 18 AUG 1979 20 OCT 1979

ID #	X	Y	Z	VX	VY
2755	4295.5	23722.0	346	-75	-202
2760	7211.5	22984.0	355	75	-509
2762	7928.5	24665.0	370	5	-34
2804	3990.5	24864.0	471	5	-69
2806	4772.0	23391.0	355	-139	-457
2807	5224.0	23055.0	358	-81	-619
2808	5847.5	22889.0	360	17	-689
2809	6545.5	22985.0	360	63	-637
2811	7639.0	24536.0	376	34	-191
2907	5298.5	23441.0	366	-121	-590
2909	6548.5	23506.0	389	5	-614
2911	7432.5	24650.0	379	63	-295
2955	4618.5	24504.0	367	-5	-417
2983	8332.0	25926.0	528	-11	-5
3008	6029.5	23819.0	394	-63	-683
3058	5858.5	23532.0	387	-86	-677
3060	6992.5	24486.0	385	98	-521
3062	7343.5	25602.0	419	-5	-365
3105	4427.5	25844.0	476	28	-202
3107	5554.5	24651.0	403	-5	-695
3109	6421.5	24499.0	394	52	-701
3111	6896.5	25236.0	392	86	-567
3163	7742.0	26446.0	535	-139	-133
3204	3991.5	26744.0	492	52	-144
3206	4768.5	26059.0	476	52	-330
3208	5807.0	25346.0	445	127	-758
3260	6347.0	25722.0	453	69	-724
3305	4473.0	27134.0	494	81	-243
3307	5161.5	26507.0	472	17	-446
3309	5686.5	26431.0	471	-28	-590
3404	3992.0	27798.0	515	104	-127
3408	5325.0	27008.0	474	0	-469
3410	6025.5	27171.0	476	-179	-457
3509	5562.5	27581.0	482	-86	-428
3511	6334.0	27781.0	497	-197	-382
3555	4401.5	27889.0	509	98	-179
3559	5706.0	27597.0	487	-127	-434
3606	4603.5	28795.0	514	40	-115
3612	6724.5	28295.0	516	-203	-359
3653	3540.0	28697.0	531	104	-75
3755	4013.0	29628.0	525	23	-22
3756	4489.0	29455.0	523	11	-40
3759	5583.5	28922.0	515	-121	-278
3761	6273.5	28842.0	527	-203	-347
3802	2510.0	30119.0	558	23	-34
3807	4776.5	29961.0	520	-17	-22
3810	5879.5	29465.0	526	-156	-266

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 18 AUG 1979 20 OCT 1979

ID #	X	Y	Z	VX	VY
3864	3616.5	29746.0	531	28	-34
3882	6394.5	29649.0	544	-203	-301
3908	5331.5	30635.0	532	-40	-34
3909	5605.0	30401.0	532	-81	-104

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

20 OCT 1979

29 FEB 1980

ID #	X	Y	Z	VX	VY
312	9322.0	12820.0	29	16	-2
411	8708.5	12769.0	76	2	-135
462	9111.5	13136.0	67	8	-19
580	8900.0	12574.0	60	71	-132
613	9505.5	14196.0	113	8	-129
714	9917.0	14935.0	130	-10	-5
752	9076.0	13983.0	129	38	-304
755	5351.5	13882.0	99	-240	-149
812	8432.0	13495.0	91	-315	-1449
813	9431.5	15127.0	151	-8	-124
815	******	15450.0	111	-10	-2
855	5356.0	14623.0	118	-33	-85
856	5454.0	13426.0	92	-597	-517
905	5465.0	15199.0	147	-10	-127
906	5838.0	14133.0	99	-38	-696
907	5990.5	13136.0	109	-462	-1415
912	8602.5	14112.0	113	-273	-1202
964	9785.0	15894.0	159	-5	-13
1005	5447.5	15765.0	164	8	-110
1006	5923.0	14832.0	130	-16	-647
1007	6160.5	13948.0	102	-163	-1282
1008	6400.5	13465.0	112	-218	-1736
1009	6973.5	13139.0	98	-140	-2519
1011	7935.5	13391.0	92	-251	-2073
1063	9438.5	16123.0	172	-8	-179
1105	5410.5	16280.0	181	13	-138
1108	6511.0	14265.0	136	-271	-1670
1110	7454.0	13892.0	119	-276	-2021
1112	8603.0	15005.0	152	-226	-1186
1114	9794.5	16906.0	179	-8	-10
1154	4865.5	16485.0	184	-19	-13
1204	4390.0	16908.0	189	-88	-58
1205	5275.5	16690.0	204	-8	-116
1207	6297.5	15252.0	152	-69	-1092
1209	7050.5	14555.0	142	-229	-1728
1271	8045.0	14703.0	139	-298	-1653
1304	4611.5	17380.0	198	-80	-52
1306	5896.0	16560.0	185	71	-547
1308	6715.5	15474.0	162	-163	-1316
1310	7571.5	15265.0	154	-218	-1537
1312	8728.5	15933.0	177	-119	-1075
1404	4691.0	17728.0	195	-71	-68
1407	6332.5	16311.0	172	-8	-942
1409	7217.5	15892.0	168	-140	-1341
1411	8268.5	15825.0	176	-174	-1412
1506	5953.5	17252.0	222	35	-635

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 20 OCT 1979 29 FEB 1980

ID #	X	Y	Z	VX	VY
1508	6920.0	16569.0	183	-33	-1139
1514	9558.5	18885.0	209	8	-52
1562	8816.0	17039.0	194	38	-898
1607	6522.5	17232.0	199	74	-989
1609	7426.0	16952.0	197	16	-1191
1704	4635.0	19182.0	240	16	-55
1706	6053.0	17975.0	236	166	-743
1708	7047.5	17595.0	212	130	-1078
1710	7963.5	17435.0	209	96	-1197
1712	8769.0	18339.0	214	132	-727
1714	9470.5	19913.0	235	13	-24
1807	6523.0	18162.0	236	215	-923
1809	7486.5	17953.0	219	185	-1114
1859	7916.5	18045.0	222	185	-1147
1906	6113.0	18751.0	237	254	-815
1908	7062.5	18529.0	237	262	-1003
1910	8055.0	18655.0	228	238	-1045
1962	8850.0	19753.0	236	71	-282
2007	6600.5	19031.0	236	279	-912
2009	7545.0	19117.0	254	298	-1026
2106	6127.5	19503.0	245	318	-848
2108	7025.0	19527.0	247	304	-928
2110	7894.5	20009.0	258	279	-832
2112	8519.5	21361.0	276	74	-193
2153	4038.0	20944.0	289	22	-91
2154	4662.5	20361.0	284	157	-378
2162	8674.5	21013.0	258	85	-182
2207	6470.0	19926.0	243	348	-898
2259	7542.0	20138.0	257	298	-865
2304	4254.0	21656.0	315	44	-282
2306	5710.0	20381.0	281	381	-868
2312	8296.0	22138.0	270	66	-185
2358	6827.5	20285.0	253	329	-901
2360	7633.5	20976.0	272	268	-735
2407	6174.0	20776.0	280	387	-915
2409	7142.0	21152.0	279	337	-840
2453	3479.5	22842.0	312	-47	-22
2504	3896.0	23140.0	331	-55	-82
2506	5101.5	21506.0	323	207	-818
2508	6514.5	21313.0	290	368	-912
2510	7472.0	21959.0	284	204	-647
2605	4210.0	23223.0	337	-77	-254
2707	5197.5	22366.0	338	69	-928
2708	5909.5	22246.0	327	212	-959
2709	6613.5	22338.0	313	240	-920
2755	4271.0	23657.0	344	-99	-262
2760	7248.5	22797.0	340	168	-790

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 20 OCT 1979 29 FEB 1980

ID #	X	Y	Z	VX	VY
2762	7929.5	24655.0	369	2	-35
2804	3992.0	24846.0	470	5	-66
2806	4732.5	23227.0	352	-152	-688
2807	5206.5	22829.0	351	-58	-954
2808	5867.5	22646.0	345	102	-1017
2809	6574.0	22756.0	343	127	-959
2811	7650.5	24472.0	373	47	-265
2907	5261.5	23227.0	362	-146	-901
2909	6557.0	23281.0	385	44	-951
2911	7452.5	24549.0	375	80	-417
2955	4609.5	24367.0	359	-47	-555
3005	5025.0	24160.0	353	-143	-777
3008	6004.0	23582.0	388	-110	-981
3058	5833.0	23296.0	377	-99	-984
3060	7022.5	24311.0	384	119	-719
3062	7347.5	25482.0	407	24	-489
3105	4438.0	25776.0	474	44	-279
3107	5539.5	24422.0	388	-80	-931
3109	6429.5	24265.0	395	19	-959
3111	6927.0	25046.0	389	127	-779
3163	7697.5	26398.0	532	-179	-201
3204	4005.5	26702.0	489	52	-163
3208	5846.0	25089.0	431	154	-1059
3260	6386.0	25478.0	435	182	-1003
3305	4494.5	27056.0	491	80	-312
3307	5164.5	26347.0	472	8	-671
3404	4023.0	27763.0	514	121	-132
3456	4845.0	27219.0	479	49	-414
3509	5530.5	27435.0	478	-135	-602
3511	6262.0	27650.0	491	-304	-539
3555	4428.0	27831.0	507	99	-235
3559	5663.0	27451.0	481	-177	-600
3606	4614.0	28761.0	513	38	-132
3610	5783.5	28123.0	503	-246	-528
3612	6654.5	28176.0	511	-290	-486
3756	4490.0	29446.0	522	0	-33
3759	5538.0	28823.0	512	-193	-414
3761	6206.5	28726.0	525	-273	-475
3807	4772.5	29954.0	521	-13	-24
3810	5851.0	29338.0	526	-82	-575
3882	6326.0	29547.0	541	-282	-420
3908	5320.0	30624.0	531	-44	-41
3909	5579.0	30366.0	532	-105	-143

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 29 FEB 1980 12 MAY 1980

ID #	X	Y	Z	VX	VY
312	9330.0	12818.0	30	50	-14
411	8712.0	12714.0	73	29	-305
462	9116.0	13131.0	67	29	-20
580	8927.5	12534.0	56	145	-159
613	9510.5	14159.0	112	35	-140
714	9913.5	14934.0	132	-14	0
812	8373.0	13145.0	91	-20	-874
813	9430.0	15092.0	149	0	-129
815	******	15450.0	110	-14	5
855	5344.5	14599.0	115	-55	-85
856	5302.5	13314.0	76	-435	-190
905	5460.0	15164.0	146	-29	-120
906	5816.5	13960.0	104	-145	-470
912	8533.0	13807.0	96	-200	-874
964	9783.5	15890.0	159	-5	-20
1005	5449.0	15734.0	166	0	-109
1006	5912.0	14650.0	112	-79	-644
1007	6112.5	13635.0	105	-185	-809
1008	6338.0	13023.0	114	-230	-1274
1011	7888.0	12862.0	85	-20	-1539
1063	9437.5	16074.0	168	5	-170
1108	6448.0	13837.0	116	-140	-1254
1110	7393.0	13373.0	102	-109	-1534
1112	8546.5	14682.0	144	-155	-1085
1114	9793.5	16903.0	180	5	-9
1154	4861.0	16482.0	185	-9	-9
1204	4364.5	16893.0	188	-94	-50
1205	5274.5	16656.0	202	5	-129
1207	6271.0	14949.0	156	-140	-1054
1209	6989.0	14101.0	132	-200	-1415
1304	4586.5	17365.0	198	-105	-55
1308	6670.5	15114.0	155	-155	-1215
1310	7513.0	14852.0	141	-190	-1350
1312	8695.5	15634.0	165	-115	-1044
1364	9767.5	17940.0	197	5	-24
1404	4671.0	17710.0	196	-70	-59
1405	5135.0	17454.0	200	-70	-174
1407	6327.5	16045.0	165	-35	-954
1409	7178.0	15521.0	161	-140	-1289
1411	8220.0	15440.0	162	-170	-1300
1506	5966.5	17071.0	211	65	-659
1508	6906.0	16247.0	176	-79	-1154
1514	9560.0	18873.0	210	0	-29
1562	8824.5	16787.0	189	14	-894
1607	6540.0	16952.0	180	40	-1004
1609	7425.0	16614.0	193	-40	-1230

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000: UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 29 FEB 1980 12 MAY 1980

ID #	X	Y	Z	VX	VY
1704	4639.0	19165.0	240	9	-70
1706	6097.5	17758.0	233	145	-830
1708	7078.0	17286.0	201	70	-1139
1710	7986.0	17094.0	204	50	-1245
1712	8804.5	18129.0	212	115	-785
1714	9475.0	19906.0	235	20	-29
1807	6583.5	17890.0	232	215	-1044
1809	7533.5	17632.0	211	135	-1195
1859	7964.5	17714.0	214	145	-1235
1906	6184.5	18511.0	233	255	-924
1908	7134.5	18235.0	228	245	-1124
1910	8119.5	18348.0	222	215	-1174
1962	8871.5	19669.0	235	85	-324
2007	6680.0	18762.0	237	290	-1039
2009	7628.5	18816.0	246	295	-1154
2106	6218.0	19253.0	235	330	-965
2108	7112.0	19250.0	250	320	-1085
2110	7979.0	19758.0	261	340	-1004
2112	8543.0	21302.0	276	100	-240
2153	4044.0	20917.0	287	20	-109
2154	4709.0	20249.0	279	180	-439
2162	8700.0	20959.0	259	100	-209
2207	6568.0	19661.0	237	350	-1030
2259	7628.5	19879.0	260	325	-1030
2304	4267.0	21570.0	314	50	-344
2306	5823.5	20122.0	281	445	-1015
2312	8315.5	22081.0	268	74	-240
2358	6922.5	20018.0	244	355	-1035
2360	7710.5	20754.0	269	285	-885
2407	6290.0	20504.0	265	460	-1065
2409	7241.5	20900.0	273	385	-1000
2453	3467.0	22838.0	311	-40	0
2504	3877.5	23117.0	327	-85	-79
2506	5170.0	21256.0	321	310	-1015
2508	6623.5	21040.0	282	425	-1080
2510	7536.0	21765.0	285	270	-765
2605	4187.0	23147.0	333	-90	-294
2659	6853.0	21586.0	285	380	-1020
2661	7950.5	23285.0	348	94	-409
2707	5224.0	22086.0	330	140	-1119
2708	5983.5	21960.0	318	355	-1130
2709	6690.5	22068.0	286	335	-1039
2755	4241.0	23580.0	342	-120	-294
2762	7931.0	24643.0	369	9	-59
2771	7859.5	23664.0	363	105	-335
2804	3995.5	24827.0	467	24	-64
2806	4689.0	23015.0	344	-159	-874

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 29 FEB 1980 12 MAY 1980

ID #	X	Y	Z	VX	VY
2807	5197.5	22542.0	342	14	-1150
2808	5908.5	22344.0	327	224	-1180
2809	6621.0	22464.0	317	240	-1189
2811	7666.0	24390.0	371	70	-335
2860	7251.0	23199.0	370	150	-920
2907	5224.5	22950.0	356	-105	-1139
2909	6574.0	22993.0	373	90	-1154
2911	7477.0	24423.0	371	100	-509
2955	4592.5	24203.0	350	-85	-635
2983	8327.0	25926.0	531	9	-9
3005	4980.5	23928.0	346	-185	-920
3009	5718.0	25958.0	463	109	-1130
3058	5815.0	22993.0	365	0	-1245
3060	7057.5	24093.0	385	135	-874
3062	7359.5	25339.0	396	74	-550
3105	4452.0	25691.0	473	59	-350
3107	5509.0	24143.0	376	-159	-1104
3109	6430.0	23973.0	398	-29	-1189
3111	6968.5	24810.0	385	185	-944
3163	7643.5	26333.0	530	-215	-290
3204	4020.5	26653.0	486	55	-194
3208	5883.0	24772.0	412	90	-1254
3260	6445.0	25176.0	415	260	-1204
3307	5170.5	26140.0	472	44	-854
3404	4061.0	27722.0	510	159	-170
3456	4860.5	27090.0	480	65	-535
3511	6169.5	27484.0	485	-375	-685
3559	5612.5	27266.0	476	-185	-770
3606	4627.5	28719.0	513	65	-179
3610	5712.0	27960.0	496	-270	-679
3612	6565.5	28027.0	505	-365	-605
3756	4494.5	29436.0	522	44	-35
3759	5482.5	28696.0	508	-205	-515
3761	6125.5	28581.0	522	-315	-589
3807	4771.0	29946.0	523	9	-35
3882	6242.0	29418.0	539	-330	-524
3908	5310.5	30610.0	534	-14	-64
3909	5550.0	30321.0	534	-100	-185

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 12 MAY 1980 22 JUL 1980

ID #	X	Y	Z	VX	VY
312	9343.5	12816.0	25	87	-10
411	8720.5	12650.0	73	56	-344
462	9125.5	13123.0	61	66	-56
509	9885.0	13736.0	87	113	-87
580	8955.0	12501.0	50	133	-169
613	9523.5	14121.0	111	97	-246
714	9915.5	14932.0	132	36	-20
812	8373.5	12971.0	101	25	-889
813	9431.0	15059.0	149	10	-200
855	5327.5	14590.0	107	-118	-5
856	5218.0	13276.0	71	-421	-190
905	5457.0	15131.0	143	0	-210
906	5780.5	13850.0	113	-221	-647
907	5704.0	12950.0	101	-473	-503
912	8504.0	13646.0	96	-92	-755
1005	5450.5	15708.0	164	15	-154
1006	5891.5	14522.0	107	-128	-658
1007	6072.5	13485.0	120	-221	-709
1063	9437.0	16032.0	165	-10	-251
1108	6420.0	13615.0	114	-143	-997
1110	7384.0	13097.0	98	20	-1259
1112	8521.5	14484.0	140	-97	-920
1154	4860.5	16475.0	182	5	-56
1205	5275.0	16627.0	197	0	-159
1207	6241.0	14748.0	156	-164	-981
1209	6956.5	13844.0	129	-128	-1192
1261	7909.0	14080.0	134	-143	-1166
1308	6643.0	14889.0	157	-123	-1069
1310	7480.5	14603.0	143	-138	-1172
1312	8678.0	15442.0	159	-61	-904
1364	9776.0	17930.0	195	82	-82
1404	4660.5	17683.0	196	-36	-210
1405	5114.0	17418.0	200	-143	-190
1407	6316.5	15867.0	162	-77	-848
1409	7153.0	15284.0	161	-113	-1105
1411	8189.0	15204.0	156	-143	-1089
1506	5981.5	16943.0	200	87	-632
1508	6885.5	16036.0	173	-128	-986
1510	7775.0	15671.0	177	-123	-1126
1562	8830.0	16616.0	187	41	-843
1607	6544.0	16767.0	175	0	-873
1609	7414.0	16387.0	189	-71	-1069
1704	4640.0	19148.0	237	0	-102
1706	6126.0	17605.0	231	143	-714
1708	7087.0	17077.0	197	20	-976
1710	7995.0	16863.0	203	41	-1095

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 12 MAY 1980 22 JUL 1980

ID #	X	Y	Z	VX	VY
1712	8828.5	17975.0	209	128	-781
1714	9483.0	19906.0	232	61	36
1807	6619.5	17699.0	228	149	-889
1809	7555.0	17411.0	207	82	-1048
1859	7986.0	17486.0	211	71	-1074
1906	6230.5	18342.0	231	210	-786
1908	7176.0	18027.0	220	174	-986
1910	8155.0	18128.0	219	143	-1053
1955	5358.0	18235.0	227	61	-333
1962	8893.5	19595.0	229	138	-426
2007	6740.0	18575.0	235	318	-853
2009	7681.5	18601.0	236	241	-1023
2106	6277.0	19074.0	231	267	-848
2108	7177.0	19045.0	247	339	-992
2110	8042.5	19569.0	256	303	-915
2112	8565.5	21254.0	271	128	-246
2154	4748.0	20159.0	274	216	-467
2162	8725.0	20915.0	256	154	-231
2207	6631.0	19469.0	238	288	-909
2259	7692.0	19684.0	263	318	-946
2306	5906.0	19935.0	273	390	-884
2312	8334.0	22043.0	267	113	-143
2358	6990.5	19825.0	243	334	-925
2360	7766.0	20588.0	264	277	-801
2407	6377.0	20304.0	250	421	-966
2409	7314.0	20712.0	268	349	-904
2504	3860.0	23100.0	320	-92	-92
2506	5236.5	21062.0	315	365	-951
2508	6707.0	20838.0	272	421	-961
2510	7590.0	21625.0	283	277	-652
2605	4170.0	23088.0	329	-82	-303
2607	5511.0	21256.0	313	370	-1023
2659	6929.0	21395.0	283	390	-909
2661	7968.0	23204.0	338	82	-411
2707	5257.0	21872.0	322	195	-1043
2708	6057.5	21750.0	315	396	-997
2709	6758.5	21873.0	277	355	-930
2755	4214.0	23524.0	337	-154	-272
2762	7938.0	24628.0	369	61	-87
2771	7878.0	23596.0	360	82	-354
2804	4002.0	24809.0	468	41	-118
2806	4665.0	22847.0	335	-82	-832
2807	5206.0	22323.0	332	71	-1063
2808	5959.5	22125.0	316	293	-1033
2809	6673.0	22248.0	291	288	-992
2860	7283.0	23023.0	357	174	-863
2907	5216.5	22729.0	348	25	-1095

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 12 MAY 1980 22 JUL 1980

ID #	X	Y	Z	VX	VY
2909	6597.5	22771.0	358	149	-1100
2911	7505.5	24327.0	367	190	-462
2955	4571.5	24080.0	342	-128	-616
3005	4939.5	23750.0	344	-231	-878
3009	5744.5	25728.0	456	159	-1197
3058	5823.0	22753.0	351	82	-1192
3059	6673.5	26132.0	489	-262	-956
3060	7085.0	23926.0	385	143	-822
3062	7374.5	25236.0	392	77	-493
3105	4464.0	25618.0	471	61	-385
3107	5473.5	23929.0	370	-200	-1063
3109	6423.5	23745.0	395	-36	-1120
3111	7003.5	24631.0	381	169	-868
3163	7596.0	26271.0	526	-267	-339
3204	4032.0	26610.0	481	61	-246
3208	5891.5	24532.0	397	-5	-1177
3260	6488.5	24943.0	400	180	-1156
3307	5184.5	25966.0	470	97	-909
3404	4091.0	27682.0	507	143	-231
3456	4872.0	26980.0	479	51	-586
3511	6098.0	27348.0	480	-349	-698
3556	4482.0	27692.0	498	113	-349
3559	5580.5	27112.0	476	-138	-786
3610	5662.0	27824.0	491	-236	-693
3612	6492.0	27906.0	500	-380	-621
3661	3797.5	28786.0	526	190	-108
3756	4502.5	29429.0	521	36	-41
3759	5442.0	28591.0	505	-205	-555
3761	6062.0	28459.0	516	-329	-647
3807	4774.0	29939.0	522	20	-41
3851	3114.5	30176.0	536	-15	-5
3882	6177.0	29313.0	536	-329	-539
3890	6925.0	29122.0	551	-349	-570
3908	5304.0	30597.0	535	-51	-66
3909	5531.0	30284.0	533	-92	-195
3910	6003.0	30082.0	537	-257	-375

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 22 JUL 1980 2 SEP 1980

ID #	X	Y	Z	VX	VY
312	9354.0	12813.0	18	34	-34
462	9134.5	13115.0	53	43	-43
509	9897.5	13724.0	82	25	-69
613	9535.0	14087.0	109	34	-173
714	9920.0	14928.0	127	17	-34
752	9133.5	13793.0	115	95	-225
812	8382.5	12842.0	90	113	-738
813	9432.5	15032.0	146	8	-130
855	5311.0	14586.0	99	-86	-69
905	5453.5	15106.0	138	-60	-86
906	5748.5	13772.0	116	-182	-260
907	5638.5	12883.0	99	-339	-312
912	8493.0	13550.0	97	-34	-399
1005	5450.0	15689.0	161	-34	-69
1006	5873.5	14438.0	103	-95	-347
1007	6038.5	13391.0	125	-217	-425
1063	9436.5	16001.0	160	8	-121
1108	6400.0	13484.0	114	-104	-590
1154	4860.0	16467.0	178	-17	-43
1205	5276.0	16606.0	192	17	-104
1207	6216.5	14620.0	149	-147	-573
1209	6937.5	13687.0	121	-113	-712
1261	7890.5	13927.0	126	-78	-686
1306	5920.5	16210.0	159	8	-269
1308	6625.0	14748.0	158	-104	-634
1310	7461.0	14449.0	141	-104	-686
1312	8668.0	15326.0	155	-69	-478
1364	9786.0	17920.0	190	34	-25
1404	4652.0	17659.0	193	-86	-69
1405	5096.5	17393.0	198	-60	-113
1407	6307.5	15758.0	157	-25	-460
1409	7135.5	15140.0	158	-113	-643
1411	8169.0	15062.0	152	-104	-625
1506	5993.0	16862.0	188	52	-339
1508	6870.5	15908.0	169	-43	-556
1510	7757.0	15525.0	169	-104	-634
1562	8834.5	16509.0	183	8	-434
1607	6544.0	16652.0	172	0	-521
1609	7404.5	16248.0	183	-43	-608
1704	4640.0	19135.0	235	0	-52
1706	6143.5	17511.0	226	60	-434
1708	7090.5	16949.0	191	25	-573
1712	8845.0	17875.0	201	69	-408
1714	9491.0	19908.0	228	34	-34
1807	6639.0	17582.0	220	86	-538
1809	7566.5	17275.0	202	60	-590

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 22 JUL 1980 2 SEP 1980

ID #	X	Y	Z	VX	VY
1859	7997.5	17347.0	206	78	-608
1906	6257.5	18240.0	229	113	-451
1908	7199.5	17898.0	214	113	-573
1910	8175.5	17991.0	214	113	-599
1955	5365.0	18190.0	227	17	-225
1962	8910.5	19544.0	223	60	-173
2007	6779.5	18462.0	231	147	-521
2009	7713.0	18468.0	228	139	-582
2106	6312.0	18963.0	228	156	-495
2108	7220.0	18917.0	243	173	-556
2154	4775.0	20099.0	270	104	-260
2207	6669.5	19350.0	239	182	-529
2259	7734.0	19561.0	259	191	-538
2306	5957.0	19818.0	265	226	-529
2312	8346.0	22023.0	266	17	-95
2358	7033.5	19704.0	243	182	-538
2360	7802.5	20484.0	258	165	-451
2407	6432.0	20177.0	242	243	-565
2409	7360.5	20594.0	262	217	-512
2504	3845.5	23085.0	316	-95	-95
2506	5284.0	20937.0	307	208	-573
2508	6762.5	20712.0	265	252	-573
2605	4155.5	23048.0	325	-113	-191
2607	5559.0	21121.0	306	208	-625
2659	6979.0	21276.0	277	208	-538
2661	7978.0	23151.0	331	34	-225
2707	5282.0	21733.0	318	104	-660
2708	6108.5	21616.0	312	217	-634
2709	6802.5	21750.0	276	165	-565
2755	4191.5	23486.0	331	-130	-208
2762	7945.5	24618.0	366	25	-34
2771	7888.5	23549.0	356	43	-225
2804	4006.5	24793.0	469	8	-78
2806	4651.5	22734.0	329	-95	-547
2807	5215.0	22182.0	326	34	-660
2808	5998.5	21986.0	313	182	-669
2860	7305.0	22907.0	347	86	-547
2907	5217.5	22582.0	342	-25	-712
2909	6616.5	22623.0	342	78	-712
2911	7528.5	24265.0	364	78	-295
2955	4554.0	23998.0	338	-86	-382
3005	4909.5	23631.0	345	-130	-582
3008	5782.5	23012.0	364	-43	-773
3009	5768.0	25562.0	451	139	-860
3058	5833.0	22593.0	335	34	-755
3059	6645.0	25994.0	479	-52	-773
3060	7104.5	23814.0	383	95	-556

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 22 JUL 1980 2 SEP 1980

ID #	X	Y	Z	VX	VY
3105	4473.0	25565.0	470	52	-269
3107	5445.5	23785.0	367	-147	-712
3109	6418.0	23592.0	391	-34	-755
3111	7026.5	24513.0	378	113	-582
3163	7559.5	26223.0	520	-182	-260
3204	4038.5	26576.0	477	8	-173
3208	5888.0	24372.0	391	-52	-799
3260	6513.0	24785.0	394	121	-799
3307	5199.5	25840.0	468	95	-660
3404	4112.5	27651.0	505	130	-156
3456	4879.0	26900.0	478	34	-390
3511	6050.5	27250.0	477	-234	-512
3556	4499.5	27642.0	495	113	-269
3559	5561.0	27000.0	475	-104	-616
3610	5629.5	27727.0	488	-165	-521
3612	6439.0	27820.0	496	-278	-443
3756	4507.5	29423.0	521	25	-34
3759	5416.0	28514.0	504	-104	-390
3761	6019.5	28371.0	510	-182	-425
3807	4776.5	29933.0	523	8	-34
3882	6133.0	29240.0	534	-208	-365
3890	6877.5	29044.0	549	-234	-399
3908	5298.0	30589.0	533	-17	-34
3909	5521.0	30258.0	531	-17	-121
3910	5970.0	30032.0	537	-139	-243

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 2 SEP 1980 30 OCT 1980

ID #	X	Y	Z	VX	VY
312	9363.0	12813.0	9	88	31
462	9141.5	13113.0	52	56	6
509	9901.0	13718.0	80	25	-25
613	9542.0	14063.0	107	62	-170
714	9922.0	14925.0	124	12	-12
813	9435.0	15015.0	145	25	-125
855	5306.0	14578.0	98	0	-50
905	5449.0	15094.0	135	-12	-81
906	5724.0	13735.0	114	-176	-270
907	5583.5	12833.0	95	-447	-402
912	8491.0	13489.0	98	0	-478
964	9754.0	15834.0	151	12	-25
1005	5448.0	15679.0	159	0	-69
1006	5863.5	14390.0	101	-56	-346
1008	6065.5	12707.0	97	-245	-742
1063	9439.0	15983.0	157	25	-132
1108	6354.5	13384.0	118	-497	-830
1112	8444.0	14443.0	135	-50	-597
1114	9733.0	16611.0	173	25	-25
1154	4861.0	16464.0	177	25	-6
1205	5278.0	16595.0	192	12	-62
1207	6198.0	14540.0	141	-126	-591
1209	6926.5	13585.0	116	-56	-767
1261	7879.5	13831.0	120	-81	-711
1306	5922.5	16174.0	157	18	-264
1308	6611.5	14658.0	157	-94	-679
1310	7447.0	14352.0	138	-100	-730
1312	8660.0	15258.0	154	-50	-516
1364	9788.5	17917.0	189	6	-25
1405	5090.0	17379.0	199	-37	-94
1409	7123.0	15050.0	157	-75	-667
1411	8157.5	14973.0	150	-69	-667
1506	6002.0	16817.0	185	75	-327
1508	6862.5	15828.0	168	-69	-604
1510	7745.0	15435.0	164	-75	-679
1562	8837.0	16447.0	183	25	-465
1607	6544.5	16581.0	172	6	-509
1609	7398.5	16161.0	180	-44	-648
1704	4641.5	19127.0	235	18	-62
1706	6153.0	17450.0	224	75	-446
1708	7093.5	16870.0	189	18	-578
1712	8854.0	17818.0	201	62	-421
1714	9492.5	19902.0	228	-6	-44
1807	6650.5	17507.0	216	81	-553
1809	7573.5	17191.0	201	44	-629
1859	8006.0	17262.0	205	50	-629

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 2 SEP 1980 30 OCT 1980

ID #	X	Y	Z	VX	VY
1906	6275.0	18174.0	232	138	-503
1908	7214.5	17817.0	213	107	-597
1910	8189.0	17906.0	214	88	-635
1955	5367.5	18158.0	228	18	-232
1962	8918.0	19518.0	224	50	-194
2007	6800.5	18386.0	232	157	-578
2106	6335.0	18892.0	229	176	-535
2108	7244.5	18837.0	242	182	-604
2154	4792.5	20060.0	272	145	-302
2207	6694.5	19273.0	240	182	-585
2259	7760.0	19483.0	258	188	-591
2306	5989.5	19742.0	262	245	-572
2312	8352.0	22007.0	264	62	-132
2358	7059.5	19626.0	245	195	-591
2360	7826.0	20419.0	256	176	-490
2407	6466.0	20096.0	241	252	-616
2409	7389.0	20520.0	260	201	-566
2504	3835.5	23073.0	317	-56	-81
2506	5316.0	20855.0	303	252	-616
2508	6796.0	20630.0	262	239	-610
2605	4144.0	23020.0	325	-62	-213
2607	5592.0	21031.0	301	264	-673
2659	7011.5	21198.0	276	258	-585
2661	7987.5	23116.0	327	94	-270
2707	5301.5	21640.0	316	170	-685
2708	6142.5	21526.0	312	270	-673
2709	6830.5	21669.0	277	233	-616
2750	7395.0	22205.0	281	151	-503
2755	4178.0	23458.0	330	-75	-201
2762	7950.5	24615.0	364	44	-12
2771	7899.0	23516.0	353	100	-251
2804	4006.5	24783.0	464	-6	-75
2806	4642.5	22656.0	325	-44	-585
2807	5224.0	22087.0	324	88	-711
2808	6028.5	21893.0	314	245	-685
2860	7322.0	22828.0	338	151	-597
2907	5217.5	22482.0	338	18	-742
2909	6633.5	22522.0	330	157	-748
2911	7542.0	24224.0	365	113	-302
2955	4541.0	23946.0	337	-100	-377
3005	4886.0	23552.0	346	-201	-578
3008	5781.5	22903.0	361	18	-817
3009	5789.5	25442.0	448	170	-893
3058	5843.0	22490.0	326	100	-755
3059	6643.5	25886.0	471	18	-799
3060	7117.5	23736.0	383	94	-572
3107	5425.5	23685.0	366	-145	-736

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 2 SEP 1980 30 OCT 1980

ID #	X	Y	Z	VX	VY
3109	6415.5	23490.0	389	-6	-742
3111	7043.0	24435.0	380	126	-566
3163	7537.5	26183.0	516	-145	-308
3204	4043.0	26554.0	475	50	-144
3208	5880.5	24263.0	392	-56	-786
3260	6530.0	24677.0	394	126	-780
3307	5215.5	25747.0	467	132	-692
3404	4130.0	27630.0	503	126	-144
3456	4885.0	26846.0	477	50	-402
3511	6020.5	27179.0	476	-207	-522
3556	4514.5	27607.0	493	107	-251
3559	5551.0	26919.0	474	-50	-572
3610	5610.0	27658.0	486	-126	-490
3612	6403.0	27759.0	492	-252	-446
3756	4510.5	29418.0	521	18	-31
3759	5401.0	28461.0	502	-113	-390
3807	4776.0	29929.0	522	-12	-18
3809	6736.5	22031.0	279	207	-623
3882	6102.5	29188.0	530	-233	-390
3890	6844.5	28989.0	544	-245	-396
3908	5295.0	30583.0	532	-25	-50
3909	5514.0	30241.0	529	-75	-125
3910	5948.0	29997.0	534	-176	-264

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 30 OCT 1980 7 MAR 1981

ID #	X	Y	Z	VX	VY
462	9161.0	13112.0	56	85	-11
509	9907.5	13709.0	86	25	-37
613	9562.0	14004.0	111	85	-262
714	9923.5	14922.0	130	2	-11
813	9441.5	14970.0	151	25	-196
855	5301.5	14558.0	101	-25	-88
905	5443.5	15067.0	139	-25	-119
906	5655.5	13652.0	118	-311	-350
912	8499.5	13337.0	101	48	-650
964	9756.5	15823.0	156	8	-51
1005	5448.0	15655.0	165	0	-105
1006	5842.5	14281.0	104	-94	-464
1007	5880.5	13247.0	118	-82	-1012
1063	9443.0	15937.0	163	11	-205
1108	6313.0	13167.0	125	-11	-861
1112	8422.5	14246.0	131	-99	-855
1114	9736.5	16602.0	179	8	-39
1154	4858.0	16462.0	178	-28	-11
1205	5277.0	16574.0	190	-11	-88
1207	6157.5	14353.0	128	-174	-795
1209	6907.5	13330.0	116	-82	-1103
1261	7858.5	13598.0	115	-82	-1006
1306	5928.5	16080.0	163	25	-413
1308	6574.5	14434.0	156	-168	-969
1310	7414.0	14112.0	140	-142	-1035
1312	8642.0	15086.0	160	-79	-747
1364	9794.0	17910.0	190	28	-28
1404	4730.0	17644.0	195	-68	-59
1405	5074.0	17352.0	202	-74	-111
1407	6349.0	15600.0	157	-51	-721
1409	7094.0	14828.0	161	-131	-963
1411	8129.0	14751.0	152	-131	-963
1506	6019.0	16703.0	182	62	-498
1508	6840.0	15629.0	174	-97	-861
1510	7716.5	15212.0	166	-128	-961
1562	8842.0	16291.0	190	17	-678
1607	6531.0	16457.0	173	-79	-476
1609	7380.5	15948.0	180	-82	-923
1704	4644.0	19113.0	236	5	-48
1706	6170.0	17300.0	220	62	-652
1708	7092.5	16676.0	187	-14	-841
1710	8000.0	16417.0	201	-17	-943
1712	8872.5	17678.0	202	77	-610
1714	9496.5	19896.0	230	25	-17
1807	6668.5	17325.0	208	65	-784
1809	7581.0	16986.0	202	23	-884

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL.

30 OCT 1980

7 MAR 1981

ID #	X	Y	Z	VX	VY
1859	8018.0	17052.0	207	45	-912
1906	6312.0	18010.0	236	148	-707
1908	7241.0	17622.0	210	102	-844
1910	8215.5	17699.0	214	111	-892
1955	5369.0	18085.0	228	0	-310
1962	8937.5	19457.0	224	88	-262
2007	6845.5	18200.0	233	185	-798
2106	6385.5	18720.0	232	208	-741
2108	7296.0	18643.0	239	211	-832
2110	8163.5	19192.0	237	242	-798
2154	4833.0	19968.0	274	165	-387
2207	6750.5	19088.0	245	236	-789
2259	7823.0	19291.0	256	273	-827
2306	6057.5	19564.0	256	276	-758
2312	8367.5	21969.0	266	59	-156
2358	7119.5	19436.0	253	253	-812
2360	7882.5	20259.0	258	242	-687
2407	6537.5	19909.0	241	294	-784
2409	7452.5	20340.0	261	271	-769
2504	3815.0	23057.0	316	-91	-56
2506	5389.0	20667.0	299	302	-789
2508	6869.0	20438.0	259	308	-821
2605	4119.5	22964.0	325	-111	-219
2607	5670.5	20828.0	292	327	-855
2659	7087.0	21013.0	275	313	-792
2661	8061.0	23067.0	322	376	-156
2707	5357.0	21431.0	317	239	-881
2708	6221.0	21320.0	308	325	-869
2709	6903.0	21479.0	281	308	-804
2750	7437.0	22055.0	285	171	-627
2755	4148.5	23406.0	329	-134	-205
2762	7955.5	24606.0	367	8	-42
2771	7939.0	23462.0	351	182	-190
2804	4008.0	24761.0	463	11	-91
2806	4629.5	22485.0	324	-54	-709
2807	5256.5	21874.0	321	145	-895
2808	6103.5	21684.0	315	316	-881
2860	7367.0	22624.0	317	188	-895
2907	5229.0	22260.0	334	56	-929
2909	6685.5	22306.0	307	225	-892
2911	7572.0	24132.0	367	119	-387
2955	4509.0	23833.0	339	-136	-473
3005	4832.5	23373.0	349	-214	-758
3008	5794.0	22661.0	352	62	-1009
3009	5833.5	25169.0	438	174	-1151
3058	5883.0	22261.0	320	182	-961
3059	6666.5	25648.0	446	122	-997

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 30 OCT 1980 7 MAR 1981

ID #	X	Y	Z	VX	VY
3060	7145.0	23552.0	383	114	-789
3062	7419.0	25019.0	390	91	-424
3107	5379.5	23462.0	366	-196	-938
3109	6419.5	23256.0	385	25	-997
3111	7075.5	24261.0	383	128	-735
3163	7492.0	26084.0	505	-193	-427
3204	4050.0	26507.0	472	17	-205
3208	5853.5	24022.0	394	-128	-1020
3260	6557.0	24439.0	397	97	-1003
3306	4563.5	26671.0	482	25	-421
3307	5251.0	25524.0	464	142	-955
3404	4161.5	27584.0	501	122	-196
3456	4893.0	26716.0	478	23	-555
3511	5959.5	27007.0	475	-253	-744
3556	4539.0	27528.0	491	91	-336
3559	5528.0	26732.0	476	-108	-809
3610	5567.5	27500.0	480	-185	-675
3612	6317.0	27616.0	489	-376	-613
3756	4515.0	29408.0	521	17	-42
3759	5364.0	28336.0	496	-159	-536
3807	4773.0	29922.0	522	-11	-34
3809	6799.5	21841.0	283	265	-804
3882	6032.5	29068.0	528	-294	-507
3890	6765.5	28866.0	540	-339	-524
3908	5286.0	30568.0	533	-39	-59
3909	5486.5	30199.0	529	-122	-179
3910	5896.0	29916.0	530	-216	-339

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 7 MAR 1981 16 JUN 1981

ID #	X	Y	Z	VX	VY
462	9187.0	13112.0	50	79	18
509	9920.5	13687.0	86	61	-112
613	9587.5	13917.0	110	75	-292
714	9929.5	14913.0	128	39	-47
752	9247.0	13488.0	57	36	-133
813	9450.5	14898.0	152	32	-271
855	5286.0	14530.0	98	-79	-93
905	5462.5	15009.0	139	169	-263
906	5542.5	13535.0	112	-422	-404
912	8526.0	13145.0	99	130	-563
964	9761.0	15804.0	155	21	-72
1005	5442.5	15611.0	168	-39	-184
1006	5798.0	14138.0	110	-202	-448
1007	5803.0	12997.0	107	-455	-524
1063	9448.0	15864.0	161	21	-263
1108	6269.5	12898.0	122	-300	-849
1112	8387.0	13975.0	122	-130	-874
1114	9742.5	16589.0	179	32	-43
1154	4850.5	16452.0	177	-18	-57
1205	5275.0	16541.0	188	0	-129
1207	6102.0	14114.0	113	-180	-722
1209	6877.5	12990.0	121	-112	-1058
1261	7840.5	13281.0	109	-25	-1015
1306	5929.5	15946.0	169	-25	-448
1308	6513.0	14130.0	143	-231	-968
1310	7371.5	13784.0	137	-126	-1062
1312	8615.5	14847.0	159	-90	-780
1364	9803.0	17901.0	192	28	-25
1404	4707.5	17620.0	195	-75	-97
1405	5076.5	17313.0	202	112	-144
1407	6324.0	15370.0	158	-115	-751
1409	7048.0	14517.0	160	-166	-1026
1411	8084.5	14443.0	148	-155	-1001
1506	6034.0	16538.0	175	28	-560
1508	6803.0	15349.0	177	-144	-928
1510	7670.5	14905.0	162	-169	-1004
1562	8841.0	16066.0	189	-28	-762
1607	6507.0	16263.0	170	-72	-802
1609	7350.5	15648.0	176	-112	-993
1704	4649.0	19096.0	234	28	-61
1706	6183.0	17085.0	207	14	-730
1708	7079.0	16403.0	185	-79	-910
1710	7984.5	16110.0	200	-90	-1026
1712	8896.5	17474.0	200	75	-697
1714	9505.5	19889.0	231	32	-28
1807	6683.5	17071.0	193	25	-845

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 7 MAR 1981 16 JUN 1981

ID #	X	Y	Z	VX	VY
1809	7581.0	16696.0	204	-28	-971
1859	8027.0	16757.0	207	7	-975
1906	6357.0	17775.0	236	137	-798
1908	7268.0	17345.0	207	65	-928
1910	8246.5	17408.0	213	83	-971
1955	5362.5	17980.0	223	-47	-368
1962	8967.0	19366.0	223	101	-321
2007	6897.0	17935.0	230	137	-903
2009	7824.5	17894.0	221	148	-975
2106	6449.0	18475.0	235	195	-827
2108	7361.0	18368.0	234	202	-928
2110	8238.5	18929.0	229	235	-889
2207	6825.5	18829.0	248	242	-870
2259	7908.5	19018.0	248	271	-925
2306	6142.5	19318.0	249	264	-816
2312	8391.0	21929.0	269	93	-90
2358	7200.0	19168.0	258	260	-907
2360	7964.0	20030.0	264	281	-787
2407	6629.0	19654.0	243	289	-849
2409	7540.5	20086.0	263	292	-859
2504	3782.5	23038.0	315	-119	-61
2506	5499.0	20413.0	292	412	-838
2508	6967.5	20171.0	255	321	-885
2510	8005.5	21132.0	275	227	-603
2605	4099.0	22933.0	327	-7	50
2607	5783.0	20556.0	284	397	-881
2659	7193.5	20751.0	271	372	-885
2661	8131.0	23002.0	318	28	-271
2707	5442.0	21144.0	312	310	-957
2708	6330.5	21038.0	296	379	-935
2709	7008.0	21216.0	282	368	-878
2750	7500.0	21851.0	289	238	-675
2755	4111.5	23346.0	329	-97	-169
2762	7962.5	24590.0	369	39	-61
2771	7979.5	23386.0	348	61	-307
2804	4001.5	24750.0	457	-61	39
2806	4627.5	22264.0	325	54	-701
2807	5316.0	21581.0	318	245	-979
2808	6212.0	21396.0	314	383	-965
2860	7431.0	22362.0	292	224	-758
2907	5257.0	21956.0	329	130	-1015
2909	6764.0	22026.0	285	281	-896
2911	7600.5	24014.0	370	54	-361
2955	4462.0	23680.0	344	-166	-505
3005	4761.0	23128.0	348	-245	-809
3008	5828.5	22336.0	333	169	-1066
3009	5877.5	24796.0	417	97	-1235

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 7 MAR 1981 16 JUN 1981

ID #	X	Y	Z	VX	VY
3058	5955.5	21956.0	316	292	-986
3059	6714.0	25325.0	415	188	-1069
3060	7185.5	23292.0	374	148	-881
3062	7450.5	24879.0	387	112	-473
3105	4509.0	25323.0	475	36	-412
3107	5313.0	23167.0	363	-231	-943
3109	6434.5	22927.0	372	75	-1109
3111	7118.5	24022.0	387	148	-791
3163	7440.0	25927.0	474	-130	-589
3204	4055.5	26442.0	469	18	-209
3208	5805.0	23685.0	392	-188	-1138
3260	6578.0	24113.0	400	28	-1084
3306	4573.0	26534.0	481	36	-455
3307	5299.5	25196.0	453	169	-1163
3404	4198.5	27517.0	498	112	-235
3456	4898.0	26533.0	479	7	-621
3511	5889.5	26759.0	474	-184	-853
3556	4570.0	27415.0	490	108	-390
3610	5505.0	27274.0	474	-216	-777
3612	6199.5	27414.0	485	-372	-686
3756	4483.5	29367.0	515	-249	-241
3759	5303.0	28154.0	491	-238	-632
3761	5823.0	27972.0	498	-310	-672
3807	4754.0	29891.0	509	-123	-180
3882	5933.5	28900.0	525	-343	-567
3890	6653.5	28692.0	535	-379	-592
3908	5279.5	30550.0	532	3	-54
3909	5437.5	30135.0	526	-199	-235
3910	5827.5	29806.0	526	-220	-368

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 16 JUN 1981 1 SEP 1981

ID #	X	Y	Z	VX	VY
462	9207.0	13115.0	38	85	4
509	9935.5	13663.0	79	61	-85
613	9602.5	13856.0	103	42	-198
714	9937.5	14902.0	121	23	-42
752	9263.0	13453.0	48	104	-156
813	9461.0	14844.0	146	56	-161
855	5272.5	14507.0	89	-23	-94
905	5483.5	14958.0	131	-23	-142
906	5443.0	13452.0	93	-388	-251
964	9767.0	15786.0	148	28	-71
1005	5437.0	15576.0	163	0	-94
1006	5754.0	14038.0	110	-151	-355
1007	5696.5	12864.0	93	-412	-573
1063	9455.0	15808.0	152	37	-189
1112	8363.0	13751.0	101	-56	-976
1114	9751.5	16576.0	171	42	-66
1154	4846.5	16441.0	173	-14	-28
1205	5276.5	16515.0	184	14	-75
1207	6063.5	13951.0	103	-128	-592
1209	6900.0	12630.0	85	360	-2028
1306	5927.5	15849.0	164	14	-327
1308	6474.5	13900.0	119	-61	-910
1310	7366.0	13496.0	111	113	-1331
1312	8602.0	14676.0	145	-9	-597
1364	9811.5	17894.0	189	42	-37
1404	4688.5	17600.0	191	-80	-66
1405	5083.5	17281.0	199	-80	-113
1407	6304.0	15201.0	152	-37	-611
1409	7018.0	14266.0	144	-66	-1028
1411	8061.0	14193.0	130	-18	-1061
1506	6040.5	16418.0	167	23	-407
1508	6774.0	15138.0	164	-85	-782
1510	7638.0	14664.0	148	-85	-962
1562	8845.5	15894.0	177	80	-635
1607	6495.5	16091.0	164	-14	-573
1609	7325.5	15426.0	160	-90	-805
1704	4653.0	19083.0	229	0	-47
1706	6189.0	16934.0	191	37	-469
1708	7065.5	16204.0	179	-23	-687
1710	7967.0	15883.0	185	-47	-801
1712	8915.0	17329.0	196	75	-459
1714	9515.0	19883.0	229	47	-18
1807	6688.0	16894.0	182	9	-568
1809	7574.5	16485.0	198	-23	-725
1859	8030.5	16545.0	201	23	-725
1906	6385.5	17609.0	228	90	-531

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 16 JUN 1981 1 SEP 1981

ID #	X	Y	Z	VX	VY
1908	7280.5	17150.0	200	33	-635
1910	8264.5	17205.0	207	61	-654
1955	5353.5	17906.0	213	-23	-213
1962	8989.5	19302.0	220	80	-184
2007	6930.5	17749.0	222	137	-578
2009	7854.5	17689.0	214	90	-658
2106	6490.0	18306.0	233	132	-521
2108	7403.5	18174.0	224	137	-625
2110	8288.0	18746.0	222	161	-563
2207	6876.0	18649.0	243	161	-568
2259	7965.0	18827.0	237	180	-597
2306	6197.5	19151.0	242	175	-507
2312	8410.5	21908.0	267	61	-80
2358	7255.5	18980.0	252	184	-592
2360	8024.5	19869.0	263	203	-493
2407	6690.0	19479.0	242	199	-545
2409	7602.5	19911.0	261	203	-531
2504	3754.5	23025.0	312	-109	-42
2506	5566.5	20248.0	282	99	-464
2508	7036.0	19991.0	250	227	-549
2510	8054.5	21012.0	272	166	-350
2605	4088.0	22922.0	325	-94	-170
2607	5866.5	20375.0	277	270	-554
2659	7269.5	20571.0	264	232	-549
2661	8140.0	22943.0	313	47	-203
2707	5509.0	20939.0	294	227	-692
2708	6413.0	20845.0	280	284	-606
2709	7085.5	21036.0	276	251	-554
2750	7551.5	21714.0	287	175	-412
2755	4084.5	23309.0	326	-128	-128
2762	7970.5	24579.0	367	23	-23
2771	7996.5	23320.0	338	80	-222
2804	4002.0	24765.0	449	85	85
2806	4633.5	22113.0	322	-14	-512
2807	5355.0	21385.0	312	47	-573
2808	6291.5	21197.0	304	251	-625
2809	6962.5	21398.0	282	241	-559
2860	7475.0	22209.0	280	123	-450
2907	5286.5	21748.0	321	109	-644
2909	6823.0	21841.0	281	189	-578
2911	7626.0	23933.0	368	170	-289
2955	4424.0	23568.0	343	-142	-393
3005	4715.0	22958.0	339	-113	-545
3008	5863.5	22106.0	318	109	-782
3009	5891.0	24538.0	399	0	-824
3058	6017.5	21745.0	313	203	-711
3059	6754.5	25099.0	401	137	-734

TABLE 4 (CONTINUED) CALCULATED VX AND VY VELOCITY COMPONENTS IN METERS PER YEAR WITH X, Y AND Z MIDPOINT LOCATION COORDINATES IN UTM EAST = X+490000; UTM NORTH = Y+6750000 AND ALTITUDE Z IN METERS ABOVE SEA LEVEL. 16 JUN 1981 1 SEP 1981

ID #	X	Y	Z	VX	VY
3060	7215.0	23106.0	362	85	-606
3062	7474.5	24781.0	382	80	-308
3105	4522.0	25229.0	469	75	-350
3107	5273.0	22960.0	356	-75	-730
3109	6459.0	22691.0	348	132	-786
3111	7154.0	23857.0	386	142	-531
3163	7419.0	25803.0	438	-28	-407
3204	4062.5	26397.0	466	42	-151
3208	5768.0	23445.0	381	-104	-786
3260	6587.0	23885.0	396	47	-734
3306	4583.0	26440.0	478	47	-293
3307	5331.0	24949.0	436	75	-810
3404	4228.5	27466.0	495	137	-180
3456	4901.0	26394.0	475	18	-502
3511	5856.5	26572.0	470	-71	-649
3556	4595.5	27332.0	487	99	-270
3610	5469.5	27112.0	472	-52	-516
3612	6121.5	27268.0	479	-251	-483
3759	5263.5	28023.0	487	-61	-412
3761	5762.5	27830.0	492	-166	-464
3882	5867.0	28779.0	521	-180	-402
3890	6580.5	28567.0	528	-194	-402
3908	5234.0	30545.0	530	-436	18
3910	5784.0	29729.0	521	-123	-246

TABLE 5 INTERVAL MASKS FOR THE LOWER REACH OF COLUMBIA GLACIER, SHOWING DEFINED COLUMNS FOR INDICATED ROWS OF 71X63 MATRIX

	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70
24 JUL 76																				
	0	0	0	0	0	0	0	0	0	0	0	21	21	21	21	21	21	21	24	24
	0	0	0	0	0	0	0	0	0	0	0	24	25	26	26	26	26	25	25	24
1 OCT 76																				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	21	21	24	24
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	24	25	25	24
17 NOV 76																				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	21	21	24	24
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	25	25	24
19 JAN 77																				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	21	21	24	24
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	25	25	24
7 MAR 77																				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	21	21	24	24
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	24	25	24
23 APR 77																				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	22	21	24	24
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	25	25	24
2 JUN 77																				
	20	19	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	24
	22	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	26	24
7 JUL 77																				
	20	19	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	24
	22	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	26	24
29 AUG 77																				
	20	19	19	19	19	19	19	19	19	20	21	20	20	20	21	21	21	21	21	24
	23	24	24	24	24	24	25	25	25	25	26	26	26	26	26	26	26	26	26	24
8 NOV 77																				
	23	19	19	19	19	19	19	19	20	20	21	21	20	20	21	21	21	21	22	24
	23	24	23	24	24	24	25	25	25	25	26	26	26	26	26	26	26	25	25	24
28 FEB 78																				
	23	19	19	19	19	19	19	19	20	20	20	21	20	20	21	21	21	21	22	24
	23	24	23	24	24	24	25	25	25	26	26	26	26	26	26	26	26	25	25	24
19 APR 78																				
	20	19	19	19	19	19	19	19	20	20	20	21	20	20	21	21	21	21	21	24
	22	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	26	24
11 JUN 78																				
	20	19	19	19	20	20	19	19	19	20	20	21	20	20	21	21	21	21	21	0
	22	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	26	0
30 JUL 78																				
	20	19	19	19	20	20	19	19	20	20	20	21	20	20	21	21	21	21	21	0
	22	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	25	0
26 AUG 78																				
	20	19	19	19	19	19	19	19	20	20	20	21	20	20	21	21	21	21	22	0
	24	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	25	25	0
8 NOV 78																				
	20	19	19	19	19	19	19	20	20	20	20	21	20	21	21	21	21	21	22	0
	24	23	23	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	25	0

TABLE 5 (CONTINUED) INTERVAL MASKS FOR THE LOWER REACH OF COLUMBIA GLACIER, SHOWING DEFINED COLUMNS FOR INDICATED ROWS OF 71X63 MATRIX

	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70
6 JAN 79																				
	20	19	19	19	19	19	19	20	20	20	20	21	20	21	21	21	21	21	22	0
	24	23	23	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	25	0
12 APR 79																				
	20	20	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	0
	24	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	25	0
18 AUG 79																				
	19	20	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	0
	24	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	25	0
20 OCT 79																				
	19	19	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	0
	23	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	25	0
29 FEB 80																				
	19	19	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	0
	23	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	25	0
12 MAY 80																				
	19	19	19	19	19	19	20	20	20	20	20	20	20	20	21	21	21	21	21	0
	23	24	24	24	24	24	24	25	25	26	26	26	26	26	26	26	26	26	25	0
22 JUL 80																				
	19	19	19	19	19	19	20	20	20	20	20	20	20	21	21	21	21	21	21	0
	23	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	25	0
2 SEP 80																				
	19	19	19	19	19	19	20	20	20	20	20	20	20	21	21	21	21	21	21	0
	23	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	25	0
30 OCT 80																				
	19	19	19	19	19	19	20	20	20	20	20	20	20	21	21	21	21	21	21	0
	22	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	25	0
7 MAR 81																				
	19	19	19	19	19	20	20	20	20	20	20	20	20	20	21	21	21	21	21	0
	22	24	24	24	24	24	24	25	25	26	26	26	26	26	26	26	26	26	25	0
16 JUN 81																				
	19	19	19	19	19	19	20	20	20	20	20	20	20	20	21	21	21	21	21	0
	22	24	24	24	24	24	25	25	25	26	26	26	26	26	26	26	26	26	23	0
1 SEP 81																				

TABLE 6 Y-COMPONENT OF SURFACE VELOCITY 24 JUL 1976
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 1 OCT 1976

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
62			-348	-533	-645	-689			-572	-690	24.0
63			-276	-555	-674	-730	-664		-621	-734	24.2
64			-201	-528	-669	-755	-681	-272	-592	-765	24.3
65			-172	-544	-732	-863	-723	-269	-635	-870	24.2
66			-214	-651	-864	-916	-710	-200	-691	-920	23.8
67			-310	-1014	-1055	-1010	-615	-112	-810	-1059	23.2
68			-338	-1057	-1223	-1069	-390		-974	-1223	23.0
69						-891	-203		-547	-892 (-1550)	24.0
70						-430			-431	-431	24.0

"( ) estimated value"

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 1 OCT 1976 17 NOV 1976

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
66					-1186				-1186	-1186	23.0
67			-336	-1326	-1463	-1429			-1273	-1464	23.0
68			-440	-1459	-1734	-1578	-579		-1387	-1741	23.2
69						-1425	-197		-811	-1426 (-2250)	24.0
70						-1447			-1447	-1447	24.0

"( ) estimated value"

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY 17 NOV 1976
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 19 JAN 1977

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
66					-1202				-1202	-1202	23.0
67			-335	-1326	-1411				-1175	-1486	22.6
68			-443	-1355	-1591	-1477	-530		-1291	-1600	23.2
69						-1282	-187		-735	-1282 (-2050)	24.0
70						-850			-850	-850	24.0

"( ) estimated value"

TABLE 6 - (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 19 JAN 1977 7 MAR 1977

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
66					-1322				-1323	-1323	23.0
67			-393	-1368	-1462				-1221	-1530	22.6
68			-436	-1323	-1571	-1527	-573		-1296	-1599	23.4
69						-1278	-242		-761	-1278 (-1750)	24.0
70						-670			-671	-671	24.0

"( ) estimated value"

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 7 MAR 1977 23 APR 1977

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
06					-1138				-1138	-1138	23.0
67			-308	-1144	-1191				-1013	-1268	22.6
68			-326	-1044	-1241	-1230			-1054	-1252	23.4
69						-1013	-186		-600	-1014 (-1354)	24.0
70						-542			-542	-542	24.0

"( ) estimated value"

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 23 APR 1977 2 JUN 1977

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
66					-1135				-1135	-1135	23.0
67				-1161	-1202				-1182	-1202	23.0
68			-416	-1001	-1217	-1178	-546		-1010	-1241	23.4
69						-962	-260		-611	-962 (-1300)	24.0
70						-605			-606	-606	24.0

"( ) estimated value"

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 2 JUN 1977 7 JUL 1977

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51		-620	-912	-874					-857	-936	21.4
52	-77	-668	-1059	-1130	-808	-224			-786	-1153	21.7
53	-110	-933	-1173	-1155	-819	-190			-880	-1195	21.4
54	-80	-764	-1074	-1113	-815	-77			-801	-1129	21.7
55	-124	-668	-991	-1090	-830	-329			-782	-1098	21.8
56	-161	-782	-1089	-1057	-900	-460			-851	-1098	21.3
57	-244	-758	-969	-997	-779	-444	-74		-701	-1015	21.6
58	-206	-712	-953	-875	-863	-551	-187		-702	-965	20.8
59	-209	-570	-863	-864	-855	-654	-384		-688	-872	21.5
60		-407	-784	-806	-828	-768	-534	-113	-681	-836	23.2
61		-205	-672	-719	-804	-825	-675	-227	-674	-844	23.6
62		-234	-524	-741	-807	-870	-757	-319	-674	-879	24.2
63		-151	-383	-716	-875	-873	-773	-360	-657	-875	23.0
64		-75	-280	-643	-810	-875	-777	-366	-609	-887	24.2
65			-209	-638	-830	-903	-815	-325	-713	-908	24.2
66			-245	-675	-813	-898	-734	-244	-695	-902	24.1
67			-258	-807	-880	-930	-621	-197	-716	-933	23.8
68			-338	-742	-907	-880	-390	-88	-638	-961	23.4
69			-516	-890	-923	-729	-256	-96	-629	-924	23.1
70						-615			-615	-615	24.0

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 7 JUL 1977 29 AUG 1977

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51		-368	-623	-578					-574	-642	21.4
52	-101	-428	-779	-841	-678	-126			-586	-858	21.7
53	-107	-616	-859	-878	-585	-92			-628	-905	21.6
54	-74	-516	-785	-850	-560	-65			-599	-854	21.8
55	-147	-525	-766	-786	-428	-223			-547	-841	21.5
56	-158	-606	-787	-737	-571	-311			-603	-791	21.2
57	-138	-624	-740	-673	-561	-343	-59		-520	-745	20.8
58	-111	-501	-661	-633	-544	-357	-131		-479	-662	21.1
59	-49	-363	-562	-607	-588	-468	-256		-465	-607	22.0
60		-259	-510	-562	-590	-541	-369	-77	-468	-594	23.2
61		-130	-436	-520	-578	-600	-466	-139	-469	-607	23.7
62		-108	-356	-513	-583	-624	-531	-218	-472	-626	24.1
63		-93	-268	-493	-609	-641	-562	-246	-464	-644	24.2
64		-67	-166	-492	-607	-660	-573	-241	-445	-678	24.3
65			-132	-481	-652	-738	-603	-212	-546	-740	24.1
66			-136	-546	-733	-753	-582	-144	-570	-763	23.6
67			-229	-782	-877	-843	-552	-120	-668	-883	23.3
68			-284	-863	-1038	-903	-338	-65	-678	-1064	23.3
69			-203	-1083	-1250	-970	-199	-28	-743	-1267	23.2
70						-149			-149	-149	24.0

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 29 AUG 1977 8 NOV 1977

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51		-321	-531	-512	-335				-474	-547	21.4
52	-94	-362	-659	-722	-250	-128			-494	-737	21.7
53	-85	-496	-712	-726	-484	0			-511	-749	21.6
54	-43	-503	-651	-684	-469	-39			-495	-687	21.8
55	-70	-384	-624	-653	-519	-158			-473	-667	21.6
56	-79	-436	-638	-657	-591	-315			-518	-662	21.7
57	-115	-452	-606	-575	-495	-308	-101		-432	-606	21.0
58	-77	-354	-540	-523	-486	-325	-115		-392	-542	21.2
59	-28	-270	-499	-552	-512	-425	-237		-405	-558	21.8
60		-226	-463	-519	-501	-498	-341		-464	-525	21.8
61			-380	-473	-524	-556	-428	-118	-455	-556	24.0
62		-42	-269	-493	-593	-617	-517	-204	-444	-618	24.1
63		-50	-235	-493	-635	-674	-569	-272	-472	-677	24.1
64		-56	-169	-511	-668	-765	-637	-380	-494	-777	24.2
65			-152	-544	-798	-921	-778	-480	-684	-922	24.0
66			-147	-703	-1011	-1052	-804	-200	-774	-1069	23.7
67			-122	-1118	-1350	-1270	-527	-215	-913	-1429	23.4
68			-399	-1420	-1821	-1710	-249	-155	-1098	-1974	23.4
69			-1300	-2188	-2574	-1405	-392	0	-1455	-2676	22.7
70						-639			-640	-640	24.0

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 8 NOV 1977 28 FEB 1978

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51					-407				-408	-408	23.0
52	-114	-489	-818	-853	-835	-159			-603	-881	21.6
53	-90	-556	-918	-915	-617				-703	-969	21.5
54	-48	-622	-846	-884	-628	-58			-633	-895	21.7
55	-75	-505	-810	-859	-677	-260			-621	-874	21.7
56	-100	-608	-855	-853	-790	-392			-692	-863	21.5
57	-113	-557	-828	-762	-741	-387	-75		-564	-839	20.8
58	-61	-427	-657	-752	-715	-463	-132		-530	-762	22.3
59		-320	-612	-740	-730	-608	-315		-615	-749	22.4
60		-258	-630	-710	-732	-737	-471		-652	-753	23.5
61			-535	-688	-792	-940	-581	-114	-675	-941	24.0
62			-372	-680	-835	-872	-666	-234	-687	-879	23.7
63		-58	-283	-677	-876	-940	-777	-287	-630	-944	24.1
64		-37	-189	-695	-922	-1061	-872	-290	-654	-1087	24.3
65			-151	-715	-1054	-1162	-974	-173	-845	-1163	24.0
66			-130	-838	-1181	-1238	-952	-116	-902	-1248	23.7
67			-207	-1191	-1425	-1391	-865	-69	-1042	-1452	23.4
68			-376	-1468	-1830	-1530	-432		-1373	-1832	23.1
69				-1933	-1896	-1276	-153		-1450	-1991	22.4
70						-430			-431	-431	24.0

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 28 FEB 1978 19 APR 1978

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51					-557				-558	-558	23.0
52	-150	-583	-959	-997	-682	-178			-694	-1038	21.6
53	-95	-603	-1093	-1106	-709				-819	-1175	21.5
54	-53	-688	-963	-1040	-720	-68			-722	-1047	21.8
55	-63	-613	-930	-989	-804	-264			-724	-996	21.8
56	-149	-778	-1010	-1053	-938	-459			-844	-1053	22.0
57	-158	-673	-991	-947	-826	-493	-107		-687	-993	21.1
58	-135	-612	-1001	-909	-811	-566	-181		-683	-1001	21.1
59		-444	-386	-906	-866	-707	-354		-773	-916	21.6
60		-283	-751	-845	-872	-816	-508	-73	-678	-882	23.3
61		-141	-616	-795	-895	-903	-620	-134	-680	-929	23.5
62			-451	-759	-907	-936	-716	-247	-750	-945	23.7
63		-101	-345	-749	-909	-958	-800	-315	-670	-965	24.2
64		-71	-207	-710	-941	-1020	-906	-358	-673	-1041	24.3
65			-170	-705	-987	-1068	-921	-290	-810	-1068	24.0
66			-147	-775	-1038	-1088	-833	-81	-802	-1093	23.8
67			-210	-902	-1099	-1134	-648	-44	-809	-1164	23.6
68			-345	-1055	-1259	-1044	-365		-969	-1260	23.0
69				-1264	-1272	-856	-95		-968	-1324	22.5
70						-453			-454	-454	24.0

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY 19 APR 1978
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 11 JUN 1978

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51		-555	-984	-1113					-935	-1115	21.9
52	-134	-681	-1111	-1196	-773	-200			-805	-1232	21.6
53	-115	-722	-1261	-1295	-811	-314			-877	-1374	21.5
54	-72	-809	-1177	-1254	-864	-116			-871	-1272	21.7
55	-140	-773	-1196	-1184	-906	-348			-884	-1239	21.5
56	-214	-867	-1246	-1199	-883	-476			-928	-1278	21.4
57	-271	-877	-1295	-1312	-936	-561	-120		-881	-1381	21.5
58	-141	-767	-1201	-1166	-1087	-655	-215		-850	-1202	21.0
59		-673	-1003	-1028	-1031	-875	-466		-920	-1031	23.0
60		-447	-859	-931	-997	-972	-652	-74	-798	-1022	23.4
61		-276	-737	-907	-1056	-1101	-958	-165	-859	-1107	23.8
62			-833	-918	-1063	-1172	-1032	-361	-960	-1181	24.2
63		-229	-492	-923	-1066	-1161	-987	-373	-831	-1162	24.2
64		-87	-329	-866	-1086	-1177	-1073	-370	-806	-1207	24.3
65			-261	-879	-1120	-1233	-1164	-204	-966	-1253	24.3
66			-265	-929	-1174	-1237	-937	-176	-933	-1240	23.8
67			-509	-1115	-1216	-1282	-815	-125	-977	-1285	23.8
68			-488	-1021	-1262	-1181	-578	-14	-877	-1297	23.4
69			-1040	-1365	-1467	-970	-241	-20	-920	-1477	22.8
70						-634			-634	-634	24.0

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY 11 JUN 1978
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 30 JUL 1978

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51		-484	-775	-873					-743	-874	22.0
52	-130	-595	-962	-1073	-726	-256			-730	-1101	21.7
53	-131	-696	-1158	-1136	-745	-144			-795	-1218	21.5
54	-75	-712	-1018	-1075	-739	-66			-751	-1092	21.7
55		-792	-973	-1039	-754	-272			-838	-1049	21.7
56		-885	-1025	-1041	-869	-504			-921	-1054	21.6
57	-170	-718	-972	-1033	-822	-484	-105		-712	-1043	21.7
58	-165	-654	-997	-933	-807	-519	-184		-688	-998	21.1
59	-170	-596	-901	-897	-854	-709	-374		-715	-921	21.5
60		-369	-753	-834	-852	-806	-521	-96	-681	-861	23.3
61		-173	-630	-784	-865	-928	-747	-166	-708	-929	24.0
62			-501	-752	-870	-952	-796	-300	-772	-956	24.1
63		-130	-376	-758	-889	-959	-861	-339	-690	-981	24.3
64		-86	-286	-708	-903	-967	-916	-363	-679	-991	24.4
65			-183	-701	-928	-1045	-883	-283	-785	-1050	24.1
66			-224	-777	-992	-1062	-836	-192	-803	-1062	24.0
67			-473	-983	-1086	-1090	-712	-158	-861	-1113	23.5
68			-468	-945	-1126	-1053	-500	-56	-792	-1160	23.4
69			-626	-1080	-1187	-981	-249	-50	-788	-1212	23.2

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 30 JUL 1978 26 AUG 1978

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51		-395	-648	-618					-602	-671	21.4
52	-90	-476	-834	-885	-680	-218			-622	-910	21.6
53	-70	-571	-959	-979	-626	-145			-665	-1033	21.5
54	-50	-575	-645	-936	-610	-52			-626	-946	21.8
55		-684	-870	-899	-707	-215			-751	-908	21.7
56		-758	-881	-1010	-801	-453			-830	-1011	22.0
57	-210	-653	-864	-860	-681	-394	-92		-613	-887	21.5
58	-125	-542	-805	-791	-665	-450	-158		-576	-825	21.4
59		-462	-656	-752	-718	-569	-314		-626	-757	22.3
60		-302	-606	-697	-720	-673	-428	-75	-564	-726	23.2
61		-146	-509	-646	-732	-760	-588	-105	-577	-766	23.7
62			-405	-620	-757	-817	-713	-187	-659	-819	24.1
63		-89	-298	-657	-776	-875	-790	-277	-605	-909	24.3
64		-41	-214	-601	-792	-878	-793	-336	-586	-897	24.3
65			-155	-642	-874	-957	-792	-201	-718	-957	24.0
66			-191	-756	-967	-1018	-756	-134	-759	-1023	23.8
67			-458	-1065	-1179	-1121	-702	-116	-897	-1186	23.2
68			-535	-1076	-1324	-1170	-558	-47	-901	-1343	23.2
69			-859	-1470	-1550	-1329	-274		-1266	-1559	22.8

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY 26 AUG 1978
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 8 NOV 1978

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51		-384	-623	-600	-423	-154			-494	-641	21.4
52	-110	-455	-794	-846	-606	-196			-584	-875	21.6
53	-103	-592	-913	-917	-600	-130			-645	-966	21.5
54	-42	-575	-813	-855	-606	-49			-603	-865	21.7
55	-121	-557	-806	-842	-626	-229			-618	-860	21.6
56	-133	-663	-830	-852	-714	-410			-686	-857	21.7
57	-148	-627	-808	-800	-674	-411	-89		-587	-817	21.4
58	-125	-576	-788	-762	-680	-476	-146		-582	-792	21.2
59		-446	-709	-765	-734	-589	-293		-646	-765	22.0
60		-257	-631	-760	-766	-733	-462	-87	-599	-772	23.3
61		-124	-569	-699	-779	-827	-622	-156	-623	-832	23.8
62			-443	-685	-823	-888	-758	-208	-715	-890	24.1
63		-64	-312	-701	-883	-1010	-832	-300	-661	-1027	24.2
64		-51	-218	-700	-915	-1007	-879	-352	-660	-1029	24.3
65			-195	-730	-1009	-1143	-940	-365	-845	-1144	24.1
66			-290	-870	-1182	-1209	-939	-161	-926	-1276	23.8
67			-319	-1291	-1458	-1477	-905	-134	-1111	-1508	23.6
68			-376	-1292	-1771	-1612	-849		-1366	-1794	23.3
69				-1945	-2363	-1975	-422		-1927	-2364	23.0

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 8 NOV 1978 6 JAN 1979

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51		-453	-722	-715	-617	-163			-617	-730	21.4
52	-112	-543	-917	-967	-803				-733	-990	21.6
53	-110	-794	-1067	-1078	-683				-868	-1110	21.5
54	-40	-661	-968	-1052	-704	-68			-714	-1063	21.7
55	-61	-651	-959	-1025	-798	-279			-746	-1034	21.8
56	-162	-602	-1024	-1046	-890	-475			-841	-1053	21.7
57	-190	-736	-1022	-966	-847	-514	-89		-728	-1023	20.9
58		-724	-982	-979	-866	-604	-161		-793	-1000	21.5
59		-568	-901	-945	-940	-763	-372		-821	-947	22.3
60		-302	-799	-917	-946	-942	-570	-93	-743	-977	23.5
61		-153	-733	-890	-993	-1065	-773	-186	-792	-1070	23.8
62			-593	-875	-1049	-1135	-954	-246	-910	-1136	24.1
63		-74	-388	-883	-1135	-1225	-1158	-314	-852	-1248	24.3
64			-296	-928	-1161	-1310	-1120	-333	-1005	-1319	24.2
65			-215	-933	-1289	-1445	-1231	-329	-1073	-1449	24.1
66			-204	-1052	-1542	-1661	-1157	-181	-1158	-1681	23.7
67			-288	-1347	-1695	-1722	-1151	-199	-1276	-1764	23.6
68			-272	-1458	-1968	-1980	-1061	-32	-1363	-2072	23.5
69				-1706	-2411	-2284	-956		-2051	-2476	23.4

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 6 JAN 1979 12 APR 1979

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51		-544	-823	-883	-760	-184			-736	-884	22.0
52	-126	-593	-1051	-1077	-933				-820	-1118	21.6
53	-93	-885	-1179	-1172	-798				-957	-1213	21.5
54	-35	-728	-1100	-1160	-777	-81			-793	-1185	21.6
55	-95	-725	-1063	-1104	-880	-338			-823	-1121	21.7
56	-186	-826	-1143	-1117	-973	-502			-905	-1152	21.3
57	-193	-852	-1110	-995	-943	-561	-65		-778	-1127	20.8
58		-754	-1041	-1013	-888	-619	-159		-821	-1050	21.3
59		-611	-972	-968	-976	-773	-337		-853	-977	23.0
60		-292	-827	-936	-951	-940	-567	-82	-737	-987	23.5
61		-146	-734	-905	-990	-1029	-603	-131	-748	-1056	23.6
62			-602	-863	-1023	-1095	-777	-230	-850	-1101	23.8
63		-67	-400	-829	-1057	-1145	-910	-343	-768	-1147	24.1
64			-326	-783	-1077	-1202	-1028	-339	-911	-1203	24.1
65			-190	-856	-1176	-1250	-1019	-214	-935	-1252	23.9
66			-192	-899	-1254	-1440	-1035	-124	-992	-1440	24.0
67			-246	-1112	-1381	-1431	-904	-132	-1038	-1458	23.6
68			-245	-1089	-1457	-1428	-837	-56	-1024	-1510	23.4
69				-1238	-1717	-1641	-519		-1483	-1770	23.4

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY 12 APR 1979
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 18 AUG 1979

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51		-382	-729	-898	-666	-133			-659	-899	22.0
52		-587	-973	-1078	-807	-245			-843	-1086	21.8
53	-147	-690	-1176	-1208	-802	-195			-878	-1240	21.6
54	-76	-865	-1128	-1139	-764	-48			-826	-1169	21.5
55	-132	-749	-1050	-1076	-952	-397			-846	-1082	21.7
56	-165	-809	-1082	-1086	-922	-632			-880	-1110	21.5
57	-226	-863	-1048	-1025	-868	-505	-41		-760	-1049	21.2
58	-182	-701	-947	-933	-829	-572	-170		-707	-957	21.4
59	-102	-530	-873	-925	-881	-715	-338		-702	-934	21.7
60		-390	-802	-857	-853	-550	-584	-84	-715	-874	23.5
61		-150	-639	-806	-881	-917	-711	-172	-706	-921	23.8
62		-127	-529	-760	-896	-953	-857	-365	-725	-954	24.1
63		-116	-390	-760	-916	-992	-1027	-374	-741	-1047	24.6
64		-70	-324	-683	-919	-996	-949	-316	-696	-1007	24.3
65			-198	-719	-960	-1035	-997	-498	-837	-1046	24.3
66			-214	-814	-997	-1100	-894	-217	-836	-1104	24.1
67			-288	-992	-1143	-1057	-637	-213	-840	-1153	23.2
68			-310	-845	-1112	-1108	-672	-208	-817	-1169	23.5
69			-433	-937	-1177	-1114	-493		-958	-1200	23.3

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 18 AUG 1979 20 OCT 1979

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51	-151	-347	-518	-546	-382	-89			-392	-563	21.6
52		-336	-622	-735	-502	-154			-539	-742	21.8
53	-78	-429	-739	-769	-501	-136			-521	-806	21.6
54	-41	-483	-689	-724	-486	-32			-503	-737	21.7
55	-92	-443	-653	-669	-538	-149			-501	-682	21.6
56	-122	-501	-682	-670	-536	-353			-537	-699	21.4
57	-148	-570	-761	-669	-513	-284	-20		-490	-762	21.0
58	-109	-427	-692	-584	-500	-336	-84		-443	-693	21.0
59	-54	-336	-540	-593	-546	-416	-184		-433	-595	21.8
60		-236	-499	-554	-550	-500	-336	-59	-442	-555	21.9
61		-93	-417	-518	-572	-593	-460	-122	-458	-599	23.7
62		-74	-325	-494	-596	-634	-500	-247	-459	-637	23.8
63		-67	-244	-494	-620	-670	-669	-286	-490	-693	24.5
64		-29	-168	-478	-635	-724	-720	-226	-487	-764	24.5
65			-119	-519	-709	-776	-698	-281	-600	-780	24.2
66			-141	-621	-837	-902	-659	-148	-654	-907	23.8
67			-226	-864	-1050	-979	-613	-162	-765	-1062	23.3
68			-288	-916	-1206	-1191	-512	-205	-829	-1311	23.5
69			-595	-1322	-1603	-1578	-394		-1317	-1646	23.4

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY 20 OCT 1979
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 29 FEB 1980

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51	-166	-443	-727	-750	-509				-576	-785	21.6
52	-101	-499	-920	-1088	-674	-180			-677	-1105	21.8
53	-75	-601	-1073	-1023	-700	-157			-721	-1117	21.4
54	-47	-667	-936	-997	-689	-47			-695	-1007	21.7
55	-96	-652	-960	-990	-759	-221			-727	-1011	21.6
56	-182	-759	-1006	-1001	-660	-602			-822	-1026	21.5
57	-219	-812	-992	-969	-816	-463	-28		-714	-993	21.1
58	-143	-656	-987	-938	-837	-576	-142		-701	-991	21.2
59	-59	-497	-869	-914	-894	-727	-299		-691	-924	21.7
60		-358	-816	-893	-914	-864	-412	-74	-696	-944	23.4
61		-136	-726	-865	-972	-1034	-673	-156	-755	-1051	23.7
62		-121	-624	-858	-1016	-1118	-809	-348	-790	-1122	23.8
63		-105	-458	-870	-1080	-1190	-1057	-500	-840	-1203	24.2
64		-53	-296	-874	-1154	-1280	-1050	-407	-821	-1295	24.2
65			-200	-937	-1275	-1591	-1210	-251	-1086	-1604	24.2
66			-200	-1083	-1513	-1550	-1190	-215	-1151	-1578	23.6
67			-296	-1286	-1727	-1792	-1218	-262	-1300	-1829	23.6
68			-450	-1525	-2100	-2139	-1198	-10	-1490	-2263	23.5
69			-830	-1895	-2632	-2144	-599		-1905	-2647	23.1

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 29 FEB 1980 12 MAY 1980

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51	-193	-564	-875	-902	-589				-700	-938	21.6
52	-139	-649	-1067	-1319	-731	-238			-805	-1334	21.8
53	-76	-622	-1284	-1267	-814	-175			-839	-1381	21.5
54	-45	-773	-1163	-1239	-847	-62			-847	-1259	21.7
55	-99	-801	-1186	-1258	-910	-342			-901	-1282	21.7
56	-218	-947	-1249	-1226	-1070	-556			-1005	-1257	21.3
57	-300	-1007	-1203	-1163	-994	-552	-59		-869	-1204	20.9
58	-163	-795	-1197	-1114	-979	-680	-180		-837	-1199	21.1
59	-63	-611	-1062	-1080	-1045	-853	-344		-825	-1113	21.5
60		-407	-920	-1042	-1039	-1006	-525	-87	-807	-1065	23.4
61		-158	-815	-976	-1089	-1141	-701	-144	-832	-1168	23.6
62		-104	-730	-952	-1113	-1207	-950	-322	-885	-1209	23.9
63		-100	-431	-921	-1141	-1242	-1085	-391	-859	-1258	24.2
64		-58	-312	-911	-1155	-1277	-1051	-395	-828	-1300	24.2
65			-226	-941	-1227	-1414	-1113	-229	-1022	-1419	24.1
66			-211	-1046	-1309	-1460	-1092	-231	-1065	-1461	24.0
67			-277	-1068	-1433	-1409	-1038	-277	-1079	-1467	23.4
68			-252	-1098	-1526	-1489	-821	-142	-1053	-1597	23.4
69			-471	-1247	-1718	-1492	-593		-1288	-1737	23.2

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY 12 MAY 1980
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 22 JUL 1980

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51	-241	-588	-857	-880	-687				-710	-906	21.6
52	-197	-677	-1085	-1116	-787	-242			-795	-1163	21.6
53	-126	-648	-1255	-1265	-734	-165			-823	-1371	21.5
54	-58	-746	-1165	-1202	-818	-72			-828	-1240	21.6
55	-131	-779	-1113	-1146	-859	-359			-853	-1176	21.6
56	-218	-889	-1227	-1183	-968	-524			-951	-1241	21.3
57		-1006	-1089	-1040	-904	-441			-959	-1091	20.9
58		-978	-1042	-977	-876	-582	-191		-822	-1052	20.7
59		-737	-941	-1004	-937	-765	-353		-853	-1006	21.9
60		-418	-830	-936	-929	-914	-595	-41	-754	-942	21.8
61		-180	-668	-861	-975	-997	-757	-266	-765	-1014	23.6
62		-151	-427	-809	-944	-1052	-931	-436	-752	-1078	24.3
63		-217	-422	-791	-987	-1077	-957	-487	-773	-1089	24.2
64		-29	-360	-801	-984	-1097	-965	-597	-759	-1113	24.2
65			-266	-838	-1028	-1134	-943	-311	-876	-1138	24.1
66			-273	-902	-1093	-1160	-942	-281	-906	-1161	24.0
67			-286	-1038	-1216	-1185	-887	-340	-959	-1226	23.3
68			-485	-945	-1231	-1201	-731	-286	-912	-1284	23.4
69			-412	-882	-1318	-1252	-828		-1018	-1375	23.4

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY 22 JUL 1980
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 2 SEP 1980

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51	-167	-379	-648	-838	-522				-505	-686	21.5
52	-139	-472	-786	-831	-631	-188			-592	-854	21.6
53	-79	-451	-843	-909	-627	-105			-600	-940	21.6
54	-36	-484	-827	-825	-561	-42			-566	-873	21.5
55	-127	-525	-740	-772	-577	-231			-574	-787	21.6
56	-151	-571	-765	-781	-634	-306			-612	-794	21.6
57		-631	-707	-690	-596	-325	-5		-535	-708	20.9
58		-612	-653	-612	-531	-402	-67		-517	-654	21.1
59		-445	-571	-598	-542	-451	-299		-514	-604	21.7
60		-235	-501	-557	-542	-499	-269	-67	-426	-568	21.7
61		-100	-411	-506	-545	-500	-333	-114	-417	-580	23.6
62		-85	-279	-462	-552	-584	-514	-218	-432	-586	24.1
63		-89	-201	-477	-577	-609	-516	-256	-441	-611	24.1
64			-202	-453	-573	-620	-513	-281	-491	-621	23.9
65			-135	-429	-584	-640	-487	-155	-471	-641	23.9
66			-117	-493	-628	-648	-501	-170	-499	-653	23.7
67			-186	-612	-716	-682	-519	-200	-562	-717	23.1
68			-172	-539	-738	-705	-364	-163	-512	-779	23.4
69			-264	-567	-827	-848	-480		-672	-885	23.6

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 2 SEP 1980 30 OCT 1980

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51	-134	-388	-596	-624	-554				-495	-637	21.6
52	-181	-540	-769	-822	-635	-226			-610	-831	21.7
53	-93	-634	-912	-894	-642	-103			-659	-937	21.4
54	-33	-481	-834	-827	-555	-38			-565	-880	21.5
55	-118	-523	-770	-757	-593	-253			-581	-792	21.4
56	-166	-589	-807	-818	-676	-354			-646	-835	21.6
57		-685	-745	-710	-602	-369	-48		-567	-746	20.9
58		-657	-692	-660	-577	-403	-82		-549	-693	20.9
59		-504	-627	-647	-592	-495	-329		-562	-653	21.7
60		-276	-541	-611	-596	-544	-317	-79	-472	-617	21.8
61		-113	-450	-552	-597	-602	-357	-128	-454	-630	23.5
62		-60	-305	-514	-604	-653	-556	-232	-472	-657	24.2
63		-23	-271	-496	-593	-637	-535	-252	-453	-640	24.1
64			-179	-439	-576	-648	-562	-220	-499	-652	24.2
65			-125	-419	-620	-687	-536	-170	-496	-690	23.9
66			-121	-548	-663	-680	-539	-164	-534	-681	23.8
67			-178	-635	-742	-731	-556	-217	-591	-748	23.4
68			-161	-668	-769	-720	-485	-188	-582	-772	23.2
69			-350	-843	-968	-734	-311		-743	-978	22.8

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 30 OCT 1980 7 MAR 1981

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51	-187	-505	-803	-856					-621	-877	21.7
52	-242	-656	-1022	-1078	-707	-283			-758	-1122	21.6
53	-119	-822	-1166	-1100	-720	-166			-815	-1189	21.3
54	-40	-619	-1104	-1108	-729	-55			-744	-1175	21.5
55	-129	-681	-1001	-1060	-813	-245			-772	-1073	21.7
56	-163	-710	-1024	-1015	-975	-386			-827	-1029	21.4
57		-848	-960	-928	-834	-500	-35		-744	-963	20.9
58		-852	-890	-868	-779	-502	-85		-711	-892	20.8
59		-683	-818	-861	-809	-698	-487		-762	-863	21.8
60		-304	-688	-785	-804	-731	-482	-75	-632	-805	23.1
61		-127	-624	-758	-815	-842	-621	-162	-652	-852	23.7
62		-84	-409	-715	-827	-895	-791	-322	-652	-907	24.2
63		-76	-379	-725	-833	-916	-769	-367	-648	-929	24.2
64			-274	-586	-832	-927	-842	-292	-714	-929	24.1
65			-206	-539	-825	-971	-823	-266	-698	-974	24.1
66			-168	-745	-960	-958	-769	-257	-754	-976	23.5
67			-252	-855	-1014	-1038	-805	-309	-825	-1044	23.7
68			-260	-886	-1082	-1020	-735	-315	-825	-1089	23.2
69			-846	-891	-1191	-1041	-529		-958	-1227	23.3

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 7 MAR 1981 16 JUN 1981

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51	-191	-540	-804	-907					-641	-907	22.0
52	-199	-624	-1005	-1219	-777	-424			-798	-1233	21.8
53	-43	-680	-1276	-1259	-831	-237			-856	-1355	21.5
54	-1	-794	-1267	-1205	-770	-63			-842	-1304	21.4
55	-147	-747	-1111	-1214	-863	-305			-855	-1229	21.7
56		-817	-1059	-1126	-978	-468			-974	-1127	21.9
57		-805	-1038	-1020	-876	-524			-919	-1049	21.4
58		-960	-987	-962	-854	-598	-136		-801	-988	21.1
59		-874	-883	-913	-910	-761	-504		-836	-926	22.5
60		-514	-785	-853	-883	-829	-573	-97	-719	-888	23.2
61		-130	-665	-833	-901	-921	-688	-207	-715	-933	23.0
62		-137	-498	-800	-914	-974	-899	-315	-737	-989	24.3
63		-124	-433	-790	-922	-982	-876	-421	-723	-993	24.2
64		-5	-334	-742	-916	-989	-917	-348	-693	-1009	24.3
65			-242	-706	-932	-1029	-905	-335	-797	-1033	24.1
66			-265	-747	-995	-1033	-827	-340	-802	-1044	23.7
67			-285	-834	-1026	-1040	-817	-352	-830	-1055	23.0
68			-366	-878	-1080	-1057	-742	-296	-838	-1105	23.4
69			-403	-843	-1120	-1023	-499		-884	-1140	23.3

TABLE 6 (CONTINUED) Y-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 16 JUN 1981 1 SEP 1981

	19	20	21	22	23	24	25	26	MEAN	MAX	AT
51	-132	-374	-568	-636					-450	-637	21.9
52	-134	-472	-733	-840	-533	-280			-566	-858	21.7
53	-20	-506	-897	-899	-593	-161			-613	-956	21.5
54	0	-574	-848	-807	-523	-41			-576	-867	21.4
55	-121	-570	-789	-826	-564	-227			-605	-845	21.6
56	-142	-577	-807	-827	-668	-324			-639	-843	21.6
57		-553	-777	-768	-567	-325	-18		-557	-808	21.5
58		-557	-630	-643	-541	-353	-79		-504	-651	21.6
59		-547	-622	-599	-566	-451	-271		-536	-625	20.9
60		-284	-430	-541	-548	-516	-361	-62	-435	-553	22.6
61		-97	-414	-519	-580	-580	-403	-111	-444	-602	23.5
62		-78	-300	-496	-592	-643	-567	-205	-467	-649	24.2
63		-88	-270	-519	-597	-661	-571	-272	-471	-676	24.3
64		-8	-224	-498	-636	-707	-630	-274	-481	-718	24.3
65			-159	-513	-699	-790	-735	-264	-610	-801	24.3
66			-145	-596	-796	-862	-664	-250	-642	-864	23.9
67			-225	-697	-979	-974	-614	-215	-712	-1032	23.5
68			-262	-608	-1156	-1240	-823	-209	-878	-1267	23.7
69			-409	-1081	-1650				-1064	-1651	23.0

TABLE 7 X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 24 JUL 1976 1 OCT 1976

	19	20	21	22	23	24	25	26
62			77	139	138	181		
63			-29	79	73	75	75	
64			6	29	0	15	28	43
65			8	-29	-74	-77	-41	9
66			-45	-113	-154	-158	-132	-16
67			-51	-315	-243	-252	-165	2
68			-418	-331	-330	-321	-138	
69						-389	52	
70						-125		

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 1 OCT 1976 — 17 NOV 1976

	19	20	21	22	23	24	25	26
66					-170			
67			-9	-325	-282	-352		
68			-475	-414	-452	-477	-232	
69						-680	27	
70						-682		

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY 17 NOV 1976
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 19 JAN 1977

	19	20	21	22	23	24	25	26
66					-197			
67			-13	-352	-305			
68			-464	-388	-447	-454	-172	
69						-569	16	
70						-633		

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY 19 JAN 1977
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 7 MAR 1977

	19	20	21	22	23	24	25	26
66					-206			
67			-48	-376	-319			
68			-437	-412	-449	-460	-158	
69						-551	46	
70						-368		

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 7 MAR 1977 — 23 APR 1977

	19	20	21	22	23	24	25	26
66					-175			
67			-51	-276	-257			
68			-284	-285	-339	-358		
69						-363	29	
70						-190		

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 23 APR 1977 2 JUN 1977

	19	20	21	22	23	24	25	26
66					-163			
67				-317	-234			
68			-334	-297	-238	-290	-127	
69						-304	106	
70						-132		

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 2 JUN 1977 7 JUL 1977

	19	20	21	22	23	24	25	26
51		41	-141	-241				
52	102	85	124	83	-92	-105		
53	58	154	203	262	128	91		
54	-19	-52	-18	132	216	49		
55	-126	-187	-165	-62	85	62		
56	-120	-169	-69	47	109	68		
57	-47	51	154	227	221	133	25	
58		134	260	318	229	159	63	
59	60	187	310	329	251	189	132	
60		166	270	276	272	230	137	78
61		44	186	227	218	224	149	85
62		-96	59	174	189	183	157	104
63		-141	-36	61	94	123	131	103
64		-128	10	35	26	37	77	89
65			31	-43	-78	-74	-29	51
66			-19	-142	-120	-130	-90	12
67			-113	-170	-165	-188	-111	33
68			-309	-220	-250	-233	-100	87
69			-767	-371	-280	-223	33	119
70						-97		

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY 7 JUL 1977
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 29 AUG 1977

	19	20	21	22	23	24	25	26
51		49	-112	-280				
52	37	71	97	-16	-319	-108		
53	38	113	132	172	95	46		
54	-2	-29	-44	47	87	8		
55	-172	-196	-184	-33	113	24		
56	-161	-192	-77	7	132	83		
57	-24	-11	97	158	172	132	51	
58	28	112	230	270	236	161	51	
59	54	143	250	288	250	187	136	
60		128	240	249	232	200	132	48
61		50	170	192	195	187	142	40
62		-69	80	144	157	131	112	56
63		-127	-36	65	92	64	69	54
64		-103	-18	20	9	11	27	53
65			10	-22	-56	-64	-30	24
66			-28	-78	-116	-130	-91	1
67			-47	-164	-144	-169	-92	34
68			-227	-150	-179	-199	-91	61
69			-855	-216	-224	-407	34	92
70						-273		

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 29 AUG 1977 8 NOV 1977

	19	20	21	22	23	24	25	26
51		31	-74	-227	-272			
52	-4	52	57	7	-65	-97		
53	27	75	113	135	117	55		
54	4	-14	-40	35	87	16		
55	-67	-119	-128	-44	56	54		
56	-75	-129	-40	8	79	67		
57	-29	-4	81	143	157	80	15	
58	-4	58	158	195	173	108	20	
59	2	73	160	176	178	145	111	
60		76	156	147	156	157	106	
61			113	121	135	149	86	-11
62		-57	35	101	115	101	59	17
63		-79	-60	40	74	56	26	-13
64		-92	-43	8	-5	-15	-13	-110
65			-11	-32	-103	-134	-109	-162
66			-25	-87	-184	-209	-224	-65
67			5	-256	-279	-340	-272	-129
68			-207	-337	-260	-258	-120	67
69			-785	-266	-692	-442	-167	77
70						-257		

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY 8 NOV 1977
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 28 FEB 1978

	19	20	21	22	23	24	25	26
51					-357			
52	21	69	70	-18	-67	-105		
53	19	61	148	175	105			
54	-4	-37	-44	50	123	20		
55	-77	-153	-144	-27	91	81		
56	-57	-124	-42	54	124	97		
57	-21	10	125	226	246	118	32	
58	11	123	277	285	271	173	55	
59		153	318	284	262	210	107	
60		112	242	259	236	212	124	
61			191	220	220	191	127	33
62			90	182	199	184	121	44
63		-80	-7	117	123	115	79	28
64		-67	-3	47	14	11	9	14
65			21	-1	-86	-117	-103	-14
66			0	-74	-174	-218	-209	-13
67			-25	-269	-280	-329	-247	-17
68			-198	-355	-515	-477	-173	
69				-638	-599	-511	-35	
70						-170		

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 28 FEB 1978 — 19 APR 1978

	19	20	21	22	23	24	25	26
51					-449			
52	25	83	53	-14	-76	-165		
53	33	71	147	206	131			
54	3	-13	-41	73	183	26		
55	-65	-153	-158	-24	111	112		
56	-65	-123	-58	85	141	126		
57	-15	15	156	288	215	153	51	
58	3	109	314	376	283	200	69	
59		127	395	363	312	242	126	
60		104	277	291	273	242	135	4
61		25	198	240	248	246	139	29
62			90	198	208	194	131	54
63		-98	-18	124	120	105	70	32
64		-100	-23	33	8	9	12	-1
65			5	-37	-99	-111	-89	-36
66			-10	-114	-156	-188	-165	-28
67			-43	-204	-232	-268	-165	-25
68			-204	-283	-339	-310	-128	
69				-521	-405	-337	-5	
70						-159		

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 19 APR 1978 11 JUN 1978

	19	20	21	22	23	24	25	26
51		51	88	-178				
52	12	97	152	114	-49	-170		
53	27	100	197	292	166	19		
54	-13	-1	-63	108	167	41		
55	-196	-224	-229	34	264	168		
56	-58	-62	-96	140	204	127		
57	-10	66	120	130	190	167	75	
58	12	159	313	411	438	262	144	
59		265	493	415	367	347	216	
60		193	380	386	305	284	210	58
61		-1	280	321	279	288	260	44
62			115	195	246	252	256	86
63		-249	38	169	159	137	102	49
64		-94	-10	53	24	31	27	21
65			44	-18	-107	-97	-70	2
66			16	-126	-162	-184	-140	12
67			-178	-235	-222	-260	-133	60
68			-354	-303	-313	-271	-83	117
69			-912	-517	-333	-301	66	77
70						-143		

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 11 JUN 1978 30 JUL 1978

	19	20	21	22	23	24	25	26
51		34	-73	-251				
52	71	93	117	86	-149	-177		
53	68	137	189	220	121	19		
54	1	-30	-48	80	136	30		
55		-193	-180	-44	133	151		
56		-134	-64	74	182	168		
57	9	62	188	274	242	168	84	
58	29	158	306	365	342	223	119	
59	48	170	394	382	337	282	166	
60		168	299	334	296	274	182	55
61		48	222	249	253	261	193	45
62			74	176	196	195	149	63
63		-139	-44	113	108	99	98	56
64		-129	-18	16	2	2	32	40
65			19	-32	-89	-88	-49	22
66			-39	-107	-123	-169	-135	0
67			-166	-247	-206	-227	-150	12
68			-318	-270	-276	-245	-119	46
69			-909	-477	-331	-278	60	97

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 30 JUL 1978 — 26 AUG 1978

	19	20	21	22	23	24	25	26
51		65	-58	-228				
52	67	100	119	28	-113	-106		
53	71	124	174	215	114	47		
54	-0	-19	-43	98	127	36		
55		-153	-145	-19	113	129		
56		-107	-42	68	76	60		
57	-1	47	159	219	196	104	16	
58	19	155	285	331	278	181	73	
59		178	321	345	306	226	109	
60		162	276	293	282	235	133	12
61		57	197	228	247	238	169	31
62			92	193	193	189	154	46
63		-60	10	117	127	110	137	60
64		-33	39	63	41	47	76	65
65			35	4	-48	-61	-12	26
66			-35	-66	-142	-174	-128	22
67			-163	-230	-201	-216	-126	43
68			-334	-239	-247	-249	-128	59
69			-895	-442	-246	-287	37	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 26 AUG 1978 8 NOV 1978

	19	20	21	22	23	24	25	26
51		17	-87	-261	-304	-200		
52	3	44	70	-6	-115	-112		
53	19	97	136	159	86	11		
54	-6	-66	-76	29	113	14		
55	-95	-153	-166	-50	98	91		
56	-56	-111	-52	31	134	116		
57	2	42	135	206	203	120	27	
58	10	129	232	290	258	174	84	
59		129	293	315	279	210	139	
60		102	254	285	256	233	161	27
61		27	199	219	232	235	154	43
62			91	178	196	190	156	44
63		-74	-1	97	110	107	98	32
64		-54	1	19	-4	-2	13	11
65			6	-33	-101	-120	-86	2
66			-57	-79	-178	-227	-194	-9
67			-98	-272	-253	-301	-215	-34
68			-207	-222	-282	-301	-235	
69				-261	-216	-233	-28	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 8 NOV 1978 6 JAN 1979

	19	20	21	22	23	24	25	26
51		31	-74	-275	-341	-213		
52	35	59	73	-17	-86			
53	50	132	161	212	68			
54	-2	-51	-86	48	104	26		
55	-52	-157	-172	-32	122	119		
56	-78	-169	-74	42	159	135		
57	-14	34	182	287	258	174	42	
58		176	327	405	356	223	82	
59		245	393	381	342	257	121	
60		127	349	365	323	313	154	27
61		41	273	298	293	310	168	36
62			168	241	256	239	184	44
63		-65	29	146	142	142	128	29
64			28	50	10	8	15	7
65			13	-17	-106	-141	-102	-8
66			-19	-69	-211	-283	-208	-16
67			-24	-152	-222	-305	-270	-35
68			-91	-247	-269	-322	-222	51
69				-268	-137	-276	-27	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 6 JAN 1979 12 APR 1979

	19	20	21	22	23	24	25	26
51		58	-72	-269	-291	-239		
52	63	66	107	-32	0			
53	46	111	204	231	134			
54	-3	-50	-84	34	105	26		
55	-66	-172	-192	-33	137	130		
56	-86	-182	-69	50	172	137		
57	-10	30	163	312	269	178	34	
58		170	334	425	332	224	86	
59		235	414	416	364	254	132	
60		124	367	363	315	307	141	35
61		47	262	297	285	298	83	25
62			174	234	249	223	73	14
63		-58	18	139	137	132	78	26
64			46	59	8	17	30	14
65			22	-18	-93	-110	-65	6
66			-12	-85	-149	-195	-147	-6
67			-54	-181	-212	-237	-169	-17
68			-164	-154	-172	-180	-116	43
69				-215	-3	-42	23	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 12 APR 1979 18 AUG 1979

	19	20	21	22	23	24	25	26
51		40	-79	-201	-207	-269		
52		44	113	29	-6	-132		
53	68	148	188	230	152	56		
54	-9	22	-45	74	133	23		
55	-52	-207	-199	-59	88	132		
56	-54	-125	-57	64	153	145		
57	-5	48	146	260	213	122	16	
58	31	164	320	381	324	229	90	
59	46	187	371	402	344	253	152	
60		184	366	341	285	268	189	42
61		44	243	264	257	269	215	62
62		-32	149	194	200	200	192	88
63		-104	-2	112	107	107	117	74
64		-133	44	56	1	31	36	24
65			17	-36	-93	-84	-65	-33
66			7	-115	-123	-138	-99	-3
67			-76	-223	-173	-142	-70	46
68			-186	-151	-135	-114	-123	102
69			-554	-230	-33	-37	-18	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 18 AUG 1979 — 20 OCT 1979

	19	20	21	22	23	24	25	26
51	52	53	-38	-188	-178	-177		
52		52	37	57	-2	-61		
53	24	41	111	111	72	5		
54	-6	-8	-23	44	96	8		
55	-65	-137	-138	-35	49	41		
56	-44	-102	-35	54	75	69		
57	-5	-13	1	165	139	82	37	
58	22	95	119	236	200	142	55	
59	29	104	205	245	207	157	97	
60		114	226	215	183	157	104	26
61		32	158	168	175	168	124	27
62		-35	86	124	139	127	89	32
63		-52	17	71	79	65	55	25
64		-29	24	28	5	5	-4	8
65			17	-6	-45	-61	-62	-17
66			-0	-31	-99	-129	-119	0
67			-44	-114	-141	-170	-132	-1
68			-212	-219	-109	-253	-2	47
69			-511	-271	-52	-188	48	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 20 OCT 1979 — 29 FEB 1980

	19	20	21	22	23	24	25	26
51	55	42	-83	-282	-178			
52	51	50	59	225	54	-114		
53	28	15	146	167	110	0		
54	-6	-69	-71	32	115	11		
55	-80	-173	-206	-72	97	58		
56	-57	-124	-59	58	144	143		
57	-10	50	169	261	252	138	24	
58	29	155	308	374	331	216	58	
59	31	194	379	385	344	262	120	
60		169	366	353	317	285	121	27
61		44	280	289	298	294	173	37
62		-33	202	235	250	234	154	54
63		-60	53	121	134	127	113	61
64		-45	21	47	5	-0	13	1
65			21	-24	-108	-174	-121	-15
66			-3	-66	-204	-230	-207	-25
67			-30	-131	-229	-315	-258	-21
68			-261	-192	-256	-329	-260	78
69			-664	-350	-130	-223	-98	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 29 FEB 1980 — 12 MAY 1980

	19	20	21	22	23	24	25	26
51	56	77	-90	-307	-343			
52	77	74	95	171	16	-101		
53	52	40	155	264	165	20		
54	-5	-113	-96	61	140	14		
55	-105	-177	-189	-51	123	104		
56	-81	-150	-53	75	161	118		
57	-33	23	192	311	306	173	14	
58	22	178	387	459	381	252	81	
59	28	219	470	466	404	270	138	
60		188	410	404	341	329	169	36
61		42	312	319	315	326	178	31
62		-49	211	247	266	239	169	49
63		-67	25	148	141	134	104	37
64		-48	18	37	3	10	18	17
65			14	-29	-102	-136	-90	1
66			-27	-116	-153	-193	-140	-16
67			-65	-142	-204	-215	-150	-19
68			-188	-148	-185	-196	-193	16
69			-405	-230	-112	-52	-5	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 12 MAY 1980 — 22 JUL 1980

	19	20	21	22	23	24	25	26
51	70	76	-85	-362	-448			
52	74	98	106	-108	-223	-204		
53	74	71	187	168	95	73		
54	-5	-157	-109	90	167	39		
55	-157	-217	-179	-56	132	89		
56	-76	-92	4	84	177	109		
57		28	188	301	299	190		
58		254	357	474	376	254	115	
59		313	428	456	380	267	179	
60		199	378	378	338	315	212	78
61		31	237	276	341	308	207	86
62		-26	109	223	272	200	156	120
63		-47	10	154	116	92	97	88
64		-44	21	47	-11	28	55	66
65			24	-64	-126	-98	-35	-9
66			2	-112	-111	-144	-75	-6
67			-117	-170	-142	-150	-90	27
68			-253	-147	-118	-134	-94	73
69			-457	-247	1	10	16	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 22 JUL 1980 2 SEP 1980

	19	20	21	22	23	24	25	26
51	21	49	-82	-238	-248			
52	34	74	92	-7	-86	-169		
53	44	66	138	125	111	21		
54	-9	-89	-97	63	112	17		
55	-126	-131	-139	-50	92	48		
56	-107	-105	-53	12	85	43		
57		-22	74	156	130	69	-12	
58		111	188	245	196	152	35	
59		169	235	269	234	170	114	
60		97	218	233	192	184	98	43
61		18	153	170	178	180	98	37
62		-43	50	124	148	133	115	62
63		-74	6	78	92	94	77	48
64			30	37	17	29	30	34
65			3	-2	-42	-72	-35	4
66			-49	-63	-100	-112	-74	-4
67			-93	-149	-120	-105	-72	21
68			-188	-126	-104	-77	-20	77
69			-321	-181	-83	22	61	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 2 SEP 1980 30 OCT 1980

	19	20	21	22	23	24	25	26
51	62	67	-31	-201	-211			
52	67	121	106	32	-41	-140		
53	30	139	188	135	115	28		
54	-12	-131	-92	85	126	25		
55	-84	-193	-142	-32	92	98		
56	-54	-83	-18	63	135	109		
57		20	115	204	184	125	36	
58		155	237	284	246	169	59	
59		216	272	277	230	181	118	
60		135	247	248	206	180	98	7
61		37	183	190	185	182	93	14
62		-34	56	151	159	143	97	39
63		-67	29	92	90	76	64	36
64			38	60	18	16	33	33
65			19	-4	-52	-50	1	24
66			-9	-69	-76	-75	-52	12
67			-30	-123	-97	-90	-43	25
68			-145	-275	-44	-63	-14	53
69			-408	-414	-185	-33	24	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY 30 OCT 1980
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 7 MAR 1981

	19	20	21	22	23	24	25	26
51	43	27	-116	-294				
52	35	63	79	76	-52	-201		
53	56	134	170	181	115	11		
54	-9	-97	-78	73	125	17		
55	-137	-206	-215	-38	100	153		
56	-108	-133	-57	54	157	291		
57		1	135	243	220	159	78	
58		170	264	324	302	158	-6	
59		249	317	357	313	256	175	
60		157	286	299	281	250	172	43
61		33	217	245	243	269	187	49
62		-51	51	181	199	206	163	73
63		-64	4	103	103	104	87	53
64			21	31	5	19	38	22
65			24	-28	-81	-58	-0	12
66			-8	-62	-120	-121	-77	5
67			-62	-169	-148	-147	-100	21
68			-298	-157	-142	-102	-36	68
69			-150	4	-48	-28	80	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY 7 MAR 1981
IN METERS PER YEAR, AVERAGED
BETWEEN THE INDICATED DATES. 16 JUN 1981

	19	20	21	22	23	24	25	26
51	60	12	-136	-290				
52	29	42	35	84	-60	-154		
53	-7	73	176	210	137	50		
54	-28	-13	13	39	130	19		
55	-133	-238	-251	-46	130	56		
56		-211	-163	52	173	93		
57		60	156	272	261	184		
58		208	292	384	350	238	118	
59		383	398	388	381	295	204	
60		314	407	322	304	284	204	53
61		54	210	253	259	279	195	62
62		-61	-16	181	202	215	192	77
63		-60	30	115	102	115	101	68
64		18	40	3	-13	6	23	31
65			-10	-62	-112	-93	-44	16
66			51	-115	-149	-154	-88	9
67			-53	-142	-163	-172	-110	24
68			-322	-255	-155	-112	-93	46
69			-510	-281	-75	10	151	

TABLE 7 (CONTINUED) X-COMPONENT OF SURFACE VELOCITY IN METERS PER YEAR, AVERAGED BETWEEN THE INDICATED DATES. 16 JUN 1981 — 1 SEP 1981

	19	20	21	22	23	24	25	26
51	82	39	-51	-211				
52	55	32	0	-40	-29	-44		
53	104	67	92	129	109	37		
54	18	4	-8	34	121	19		
55	-138	-157	-149	7	138	144		
56	-100	-112	-62	86	90	79		
57		-11	74	168	155	107	29	
58		20	111	237	235	171	81	
59		68	221	291	250	201	148	
60		17	109	254	223	205	161	60
61		17	130	180	190	194	140	58
62		-58	27	129	156	157	140	72
63		-74	-13	88	122	85	88	73
64		-48	11	30	2	21	56	54
65			27	-1	-30	-39	65	48
66			-3	-33	-88	-100	29	44
67			-44	-48	-85	-71	-12	54
68			-233	-102	-0	-14	-39	51
69			-430	-104	230			