

III. NET ACCUMULATION OF SNOW BY STAKE METHOD IN 1982

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The net accumulation of snow (cm in depth) was measured by means of stake method along the oversnow traverse routes of JARE-23 in 1982-1983 as shown in Fig. A attached to the end of this volume and during the stay at Mizuho Station from January 1982 to January 1983. Density of surface snow cover along the Routes S, H and Z was measured on January 1982 as shown in Table 1 of Chapter IV.

Stations, routes and periods of observations are summarized in Table 1.

1. Net Accumulation along Routes S, H and Z

Observers: Shuhei TAKAHASHI, Hirokazu OHMAE, Takayoshi KATSUSHIMA and Masaki SAKURAI

Since 1970, the snow stakes have been set at intervals of about 2 km along the routes between S16 and Mizuho Station and measured several times a year. The position and elevation of the stations, and results of net accumulation up to 1979 were published in JARE Data Reports, No. 17 (ed. Ishida, 1972), No. 27 (ed. Shimizu, 1975), No. 28 (ed. Naruse, 1975), No. 36 (ed. Watanabe, 1977), No. 44 (Nishio, 1978) and No. 48 (Fujii, 1979).

From January 1982 to January 1983, the net accumulation of snow by means of stake method along the Routes S, H and Z was measured during four oversnow traverses. Table 2 shows the annual net accumulation in the period of the stake measurements and the net accumulation during the three subdivisional periods of the year, i.e. January-April 1982, April-September 1982 and September 1982-January 1983.

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2. Net Accumulation along Routes YM and SS in the Upstream of the Shirase Glacier

Observers: Fumihiko NISHIO, Shuhei TAKAHASHI and Hirokazu OHMAE

The snow stakes was installed at intervals of about 2 km along the Route YM between Mizuho Station and the Yamato Mountains in April 1982, and at intervals of about 2.4 km along the Route SS in the upstream of the Shirase Glacier in October 1982. The position and elevation of the stations will be published in JARE Data Reports (Glaciology), 1984.

Table 3 shows the net accumulation of snow along the Route YM during the two subdivisional periods of the year concerned, i.e. March-October 1982 and October 1982-January 1983.

Table 4 shows the net accumulation along the Route SS on the round trip between YM 102 and G2 grid station in October and November 1982.

3. Net Accumulation at Mizuho Station

Observers: Shuhei TAKAHASHI, Hirokazu OHMAE, Takayoshi KATSUSHIMA, Shigeru IINO, Fumitaka KOYAMA, Masahiko SASAKI, Hiroyoshi TANAKA and Masao ISHIKAWA

Three stake farms for net accumulation measurements were used at Mizuho Station from January 1982 to January 1983; i.e. a 9-stake farm, a 36-stake farm and a 201-stake farm. The stakes of these farms are numbered as shown in Figs. 1, 2 and 3.

The 9-stake farm (2 m x 2 m in area) was established in 1976. The measurement was made every day from January 31, 1982 to January 31, 1983. The results are shown in Table 5.

The measurements of the 36-stake farm (100 m x 100 m in area) which was established in 1972 were made twice a month from January 1982 to January 1983. The results are shown in Table 6.

The measurements of the 201-stake farm (two lines 100 m in length are crossed) established in 1972 were made twice a month from February 1982 to January 1983. The results are shown in Table 7. In some cases of the measurements, the typical condi-

tions of snow surface were described on the basis of the following classification adopted in JARE Data Reports, No. 48 (Glaciology) (Fujii, 1979).

G: Glazed surface consisting of multilayered ice crust.

D: Depositional surface consisting of barchan or dune.

E: Erosional surface consisting of sastrugi, erosional pit or smooth surface.

References

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- Nishio, F. (1978) : Net accumulation by stake measurements in 1976-1977. JARE Data Rep., 44 (Glaciol.5), 2-40.
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- Yamada, T., Narita, H., Okuhira, F., Fukutani, H., Fujisawa, I. and Shiratsuchi, T. (1975) : Net accumulation of snow by stake measurement in Sôya Coast-Mizuho Plateau in 1971-1973. JARE Data Rep., 27 (Glaciol.2), 10-67.
- Yokoyama, K. (1975) : Net accumulation by stake measurements. JARE Data Rep., 28 (Glaciol.3), 62-82.

true north



prevailing wind
direction

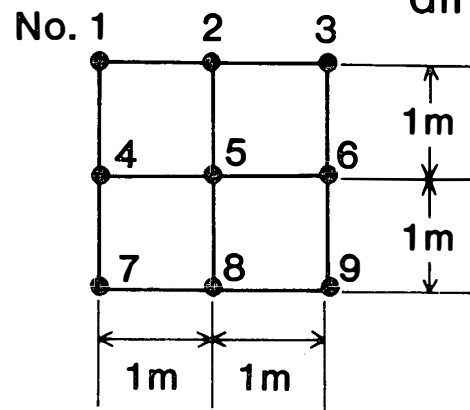


Fig.1. 9-stake farm.

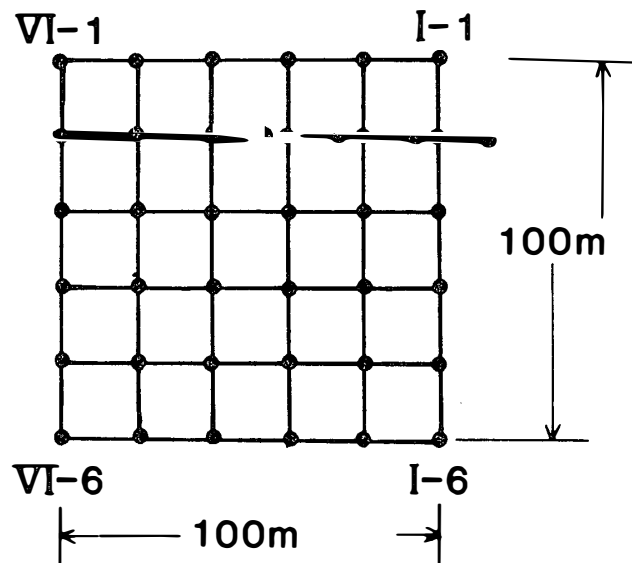


Fig.2. 36-stake farm.

true north



prevailing wind direction

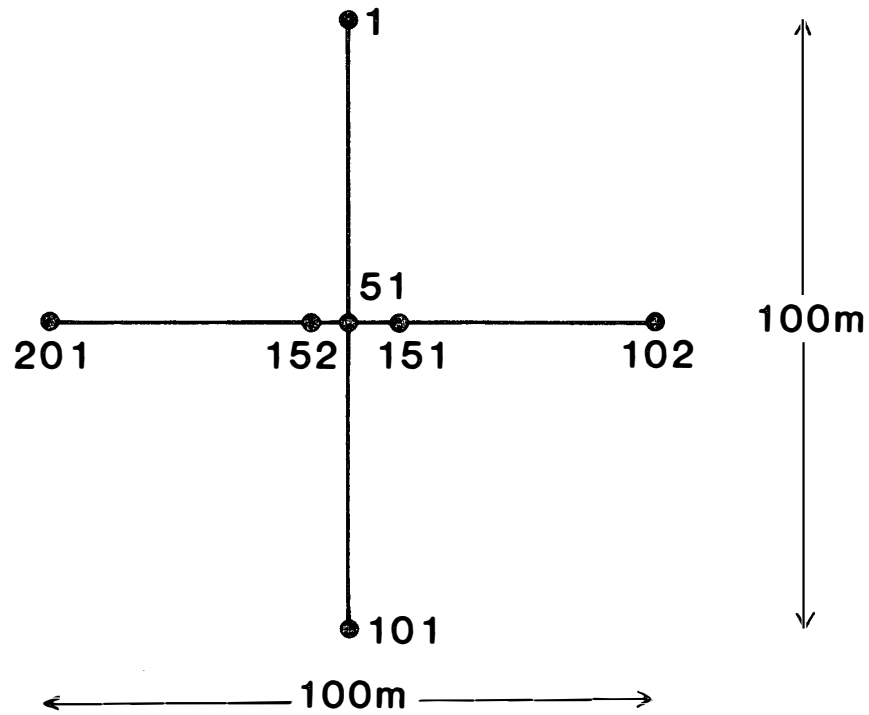


Fig.3. 201-stake farm.

Table 1. Station, routes and periods of observations.

Station on routes	Periods of observation	Table No.
S16 - Mizuho Station (Routes S,H and Z)	January 1982 - January 1983 (with 3 subdivisional periods)	2
Mizuho Station - YM 102 (Route YM)	March 1982 - January 1983 (with 2 subdivisional periods)	3
YM 102 - G2 grid station (Route SS)	October 1982 - November 1982	4
Mizuho Station (9-stake farm)	January 31, 1982- January 31, 1983 (daily observation)	5
Mizuho Station (36-stake farm)	January 1982 - January 1983 (with twice a month)	6
Mizuho Station (201-stake farm)	February 1982 - January 1983 (with twice a month)	7

Table 2. Net accumulation along Routes S, H and Z.

(cm in depth)

Period	JAN.- APR.1982 (86-88 days)	APR.- SEP.1982 (142-145)	SEP.1982- JAN.1983 (140-150)	Total (373-380)	
Station No.					
S	17	-48.0	+43.5	-20.8	-25.3
	18	+37.9	+40.3	-15.1	+63.1
	19	+50.7	+21.5	-13.0	+59.2
	20	+78.2	+76.5	-8.9	+145.8
	21	+53.2	+26.8	-18.3	+61.7
	22	+80.5		+53.1 (294 days)	+133.6
	23	+75.6	+40.1	-17.5	+98.2
	24	+56.5	+64.9	-16.3	+105.1
	25	+60.5	+23.4	-11.8	+72.1
	26	+70.8	+40.0	-4.8	+106.0
	27	+65.1	+37.9	-2.2	+100.8
	28	+69.5		+24.3 (294 days)	+93.8
	29	+60.8	+16.0	+9.0	+85.8
	30	+31.0	+47.5	-2.3	+76.2
	H	3	+57.7	+36.9	-8.2
9		+48.6	+39.2	+3.0	+90.8
15		+49.8	+41.1	-3.4	+87.5
21		+36.5	+26.4	-2.3	+60.6
27		+39.8	+53.0	-5.8	+87.0
35		+38.4	+46.3	-12.9	+71.8
42		+34.3	+18.5	-23.9	+28.9
48		+27.0	+38.5	-11.0	+54.5
54		+38.7	+52.9	-13.5	+78.1
60		+36.9	+39.3	+5.8	+82.0
64		+27.3	+34.5	-5.9	+55.9
68		+33.2	+8.1	-16.4	+24.9
72		+35.4	+60.9	-8.6	+87.7
76		+20.7	+20.7	-6.9	+34.5
80		+33.6	+18.8	-12.4	+40.0
84		+27.7	+32.6	-9.5	+50.8
88		+35.4	+27.8	-11.2	+52.0
92		+17.2	+20.1	-4.9	+32.4
96	+30.0	+34.7	+10.8	+75.5	

(cm in depth)

Period	JAN.- APR.1982 (86-88 days)	APR.- SEP.1982 (142-145)	SEP.1982- JAN.1983 (140-150)	Total (373-380)
Station No.				
H 100	+2.3	+34.2	-9.5	+27.0
104	+17.8	+25.6	-5.6	+37.8
108	+25.6	+10.7	-0.9	+35.4
112	+25.2	+16.7	-7.2	+34.7
116	+24.9	+14.5	-6.9	+32.5
120	+35.0	+21.2	+7.6	+63.8
124	+9.8	+31.8	-3.5	+38.1
128	+14.9	+26.9	+1.9	+43.7
132	+10.7	+40.4	-12.2	+38.9
136	+16.5	+12.2	+3.3	+32.0
140	+19.5	+19.4	-1.9	+37.0
144	+12.8	+18.5	+10.6	+41.9
148	+19.1	+18.6	-7.2	+30.5
152	+24.0	+22.2	+6.8	+53.0
156	+29.5	+8.3	-0.9	+36.9
160	+20.0	+15.5	+3.6	+39.1
164	+13.4	+40.1	+7.5	+61.0
168	+11.8	+30.1	-7.7	+34.2
172	+20.5	+26.5	-11.0	+36.0
176	+26.3	+31.9	-1.0	+57.2
180	+26.0	+17.6	+8.3	+51.9
184	+17.0	+14.3	+10.8	+42.1
188	+24.7	+14.2	+3.6	+42.5
192	+35.0	+19.8	+10.5	+65.3
196	+25.0	+28.1	-4.1	+49.0
200	+9.8	+26.1	+2.4	+38.3
204	+30.6	+10.3	-6.7	+34.2
208	+18.3	+28.0	-12.0	+34.3
212	+19.8	+16.5	-3.6	+32.7
216	+21.1	+35.1	-5.5	+50.7
220	+27.2	+17.0	+12.7	+56.9
224	+34.8		+11.6 (289 days)	+46.4
228	+18.2	+22.9	+9.8	+50.9

(cm in depth)

Period		JAN.- APR.1982 (86-88 days)	APR.- SEP.1982 (142-145)	SEP.1982- JAN.1983 (140-150)	Total (373-380)
Station No.					
H	232	+28.0	+19.0	-11.2	+35.8
	236	+18.0	+39.1	-10.1	+47.0
	240	+7.7	+22.7	+1.9	+32.3
	244	+23.0	+1.3	+0.7	+25.0
	248	+22.4	+2.6	+13.3	+38.3
	252	+14.3	+29.2	-3.2	+40.3
	256	+32.2	+24.6	-4.2	+52.6
	260	+27.7	+23.6	-0.1	+51.2
	264	+20.4	+9.2	+0.1	+29.7
	268	+28.7	+19.7	+76.1	+124.5
	272	+34.4	+34.4	-6.6	+62.2
	276	+17.9	+19.8	+18.5	+56.2
	280	-41.5	+34.4	+10.5	+3.4
	284	+46.3	-5.4	-0.5	+40.4
	288	+2.5	+23.6	+3.8	+29.9
H'	293	+7.9	+29.7	+1.3	+38.9
	297	+9.5	+1.5	-8.7	+2.3
	301	+14.4	+38.3	+10.4	+63.1
S	122	+34.8 (233 days)		+9.1	+43.9
Z	2	+11.1	+17.0	+2.0	+30.1
	4	+2.9	+1.1	-8.0	-4.0
	6	+11.7	-2.1	-10.3	-0.7
	8	+16.7	-8.1	+11.7	+20.3
	10	+8.6	+2.1	+9.2	+19.9
	12	+24.4	+8.2	-9.0	+23.6
	14	+9.2	+49.3	-2.5	+56.0
	16	+8.6	-17.7	-7.1	-16.2
	18	+16.9	-1.8	-8.4	+6.7
	20	+14.7	+20.5	-5.2	+30.0
	22	+22.1	+33.2	-5.9	+49.4
	24	+49.1	-29.2	-17.1	+2.8
	26	+0.2	+3.4	-7.0	-3.4
	28	+13.6	-0.4	+3.8	+17.0

(cm in depth)

Period		JAN.- APR.1982	APR.- SEP.1982	SEP.1982- JAN.1983	Total
Station No.		(86-88 days)	(142-145)	(140-150)	(373-380)
Z	30	+5.2	0.0	-8.2	-3.0
	32	+10.3	0.0	-7.1	+3.2
	34	+27.5	+29.9	-6.7	+50.7
	36	+6.2	+17.3	+9.5	+33.0
	38	-1.0	-0.5	-2.6	-4.1
	40	+14.2	0.0	-8.9	+5.3
	42	+5.8	+10.7	+30.6	+47.1
	46	+29.8	-1.5	-13.7	+14.6
	50	+51.6	-23.7	+16.1	+44.0
	54	-41.6 (232 days)		-14.7	-56.3
	58	+3.8	+16.8	-8.2	+12.4
	62	+41.6	-7.8 (287 days)		+33.8
	66	+8.7	+39.1	-11.9	+35.9
	70	+36.4 (232 days)		-16.8	+19.6
	72	+21.4	-13.5	+2.0	+9.9
	74	+6.7	-0.4	-4.4	+1.9
	76	+10.6	+16.5	-0.5	+26.6
	78	+14.6	+24.7	-9.6	+29.7
	80	+2.3	-7.1 (288 days)		-4.8
	82	+31.4	+28.5	-11.8	+48.1
	84	-1.2	+2.0	-1.2	-0.4
	86	-5.4	+0.8	-6.2	-10.8
	88	+7.3	+49.3	-6.6	+50.0
	90	+39.9	+12.8	-7.1	+45.6
	92	+1.8	+2.3	-11.2	-7.1
	94	-	-	-43.3	-
	96	-	-	-4.0	-
	98	-	-	-7.9	-
	100	-	-	-4.2	-
	102	-	-	-4.6	-

Table 3. Net accumulation along Route YM.

(cm in depth)

Station No.		Mar.1982 - Oct.1982 (193 - 197 days)	Oct.1982 - Jan.1983 (97 - 105 days)
YM	0	-	-
	1	18.3	-10
	2	-7	-4
	3	-5	-3
	4	23.7	-7
	5	-2.2	-
	6	13	-
	7	-2	-5
	8	-5.5	-5.5
	9	1.9	-4.5
	10	-1.2	-14.8
	11	0.8	-10.5
	12	16.3	-3
	13	28	-11.5
	14	34.5	-6
	15	-0.5	-5
	16	0.4	-5
	17	0.4	-10.2
	18	-2	-3
	19	-2.5	-4
	20	-4.7	1
	21	-29.3	6
	22	47.3	11.8
	23	27	-3
	24	49.7	-8.5
	25	-3.3	-4.5
	26	83.8	-22.8
	27	60.5	-8
	28	9	-5
	29	10.4	-3.4
	30	-2.2	-3.3

197
days105
days

↓

195
days

↓

↓

104
days

(cm in depth)

Station No.		Mar.1982 - Oct.1982 (193 - 197 days)	Oct.1982 - Jan.1983 (97 - 105 days)
YM	31	0.3	195
	32	-13.8	days
	33	-0.2	
	34	0.7	
	35	-3	
	36	-1	
	37	7	
	38	67.5	↓
	39	86	196
	40	55.5	days
	41	2	197
	42	-29.5	days
	43	-50.7	
	44	-3.2	
	45	0	↓
	46	-0.5	196
	47	51	days
	48	-1.6	
	49	-6.3	
	50	2.5	
	51	42.4	
	52	15.1	
	53	-0.5	
	54	33	
	55	56.3	
	56	20.7	
	57	-16.2	
	58	-1	
	59	0	↓
	60	-1.5	193
		days	

(cm in depth)

Station		Mar.1982 - Oct.1982		Oct.1982 - Jan.1983	
No.		(193 - 197 days)		(97 - 105 days)	
YM	61	36.8	194	64.8	100
	62	62.3	days	-4	days
	63	23.7		-8.5	
	64	18.9		-4.5	
	65	4.5		-5.5	
	66	3.3		6	
	67	27.9		5.5	
	68	84.5		-7	
	69	77.8		12.5	
	70	59.5		-2.5	
	71	20.5	↓	-1.5	↓
	72	← 91.5 (294 days) →			
	73	52.8	194	-5.7	99
	74	-0.5	days	1.5	days
	75	41.6		3.9	
	76	15.1		-0.7	
	77	-		-	
	78	41.3		-4.3	
	79	-1.4		-1.8	
	80	13.9		26.6	↓
	81	-11		-3	98
	82	-21.5		0.5	days
	83	6.8		10	
	84	-1.8		-5	
	85	-10.2		24	
	86	9		-2.5	
	87	-1		-11	
	88	-1		-5	
	89	-1		9.5	
	90	11.3	↓	-0.3	↓

(cm in depth)

Station No.	Mar.1982 - Oct.1982 (193 - 197 days)	Oct.1982 - Jan.1983 (97 - 105 days)
YM 91	0.4	-3.4
92	89.3	-22.3
93	-7	-2
94	0.4	-
95	0.3	-5.3
96	27	-2.5
97	43.8	32.5
98	49.5	13.5
99	69.7	-1.5
100	-3.3	15.5
101	11.8	-2.5
102	-0.2	-3.5

Table 4. Net accumulation along Route SS.

(cm in depth)

Station No.	Oct.1982 - Nov.1982 (21 - 22 days)	Station No.	Oct.1982 - Nov.1982 (22 - 26 days)
SS 0	-	SS 16	7
1	-2	17	0
2	-3	18	7
3	-2	19	2
4	-2	20	41.5
5	1	21	-4.5
6	-3	22	-3.5
7	1	23	-4
8	-3	24	36
9	-8	25	12.5
10	3	26	-1
11	5	27	-1
12	-7	28	1.5
13	1.5	29	-0.5
14	4	30	3.5
15	0.5		

Table 5. Net accumulation with a 9-stake farm at
Mizuho Station.

1982		9-STAKE FARM									(cm in depth)
DATE	TIME	No.1	2	3	4	5	6	7	8	9	Mean
JAN.	TOTAL	-1.4	-1.6	-1.0	+1.2	-1.5	-2.2	+3.4	-9.5	-1.9	-1.6
FEB.	1 1230	+0.1	-0.3	+0.4	+0.3	+0.2	0.0	+0.1	+0.2	-0.1	+0.1
	2 1530	-0.1	-0.1	0.0	-0.1	-0.3	0.0	-0.1	-0.2	0.0	-0.1
	3 "	-	-	-	-	-	-	-	-	-	-
	4 1530	0.0	0.0	-0.8	-0.2	+0.3	-0.6	-0.2	+0.1	-0.4	-0.2
	5 "	-0.7	+0.2	-0.2	-0.4	-0.2	0.0	+0.2	+0.1	-0.1	-0.1
	6 1510	0.0	-0.3	-0.3	+0.1	-0.1	-0.2	-0.2	-0.5	-0.1	-0.2
	7 1630	-0.2	0.0	+0.3	+0.3	-0.2	+0.2	0.0	+0.1	0.0	+0.1
	8 1530	-0.1	0.0	0.0	-0.2	0.0	-0.1	0.0	0.0	0.0	-0.1
	9 "	0.0	-0.1	-0.1	0.0	+0.1	0.0	0.0	0.0	-0.1	0.0
	10 "	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
	11 1540	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2	0.0	-0.1
	12 "	-0.3	-0.2	-0.1	-0.1	-0.2	-0.1	0.0	0.0	-0.1	-0.1
	13 1650	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	14 1410	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	-0.1	0.0	0.0
	15 1540	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0
	16 1630	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	0.0	-0.1
	17 1520	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
	18 1510	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
	19 2000	0.0	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0
	20 1730	0.0	+0.1	0.0	-0.2	0.0	-0.1	0.0	-0.1	-0.1	-0.1
	21 1700	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	+1.9	+0.2
	22 1530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.9	-0.2
	23 1800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
	24 1900	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
	25 1530	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
	26 1600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	27 1700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	28 1530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FEB.	TOTAL	-1.5	-1.0	-1.2	-0.6	-0.6	-1.5	-0.5	-1.3	-1.1	-1.0
MAR.	1 1630	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
	2 1530	0.0	0.0	0.0	0.0	+0.2	0.0	0.0	0.0	0.0	0.0
	3 2130	+1.1	+0.9	0.0	+2.3	+4.0	+7.4	-0.1	+9.9	+12.0	+4.1
	4 1740	+1.8	-0.2	+2.2	+0.2	+0.4	0.0	0.0	0.0	0.0	+0.5
	5 1600	-1.6	+0.1	+4.2	+0.7	-1.0	-7.3	0.0	-2.1	-2.2	-1.0
	6 1530	+1.2	-0.2	-1.0	-0.7	0.0	+0.9	+0.1	-2.1	-2.9	-0.5
	7 "	+0.3	0.0	0.0	0.0	-0.1	-0.7	0.0	+1.8	-0.2	+0.2
	8 "	0.0	0.0	0.0	+7.0	0.0	+3.3	+1.9	+1.5	-0.2	+1.5
	9 1600	0.0	-0.1	-0.3	-7.1	-0.6	-3.3	-1.9	-4.3	-0.8	-2.0
	10 1530	0.0	0.0	-0.1	-0.1	+0.4	-0.1	-0.2	+0.6	+0.7	+0.1
	11 "	+3.5	0.0	0.0	+4.2	+0.4	+1.8	+2.3	+0.5	-0.1	+1.3
	12 "	-2.4	0.0	-0.2	-4.3	-0.2	-1.4	-2.1	-0.4	-0.1	-1.2
	13 "	-0.1	0.0	+0.1	-0.1	+1.1	-0.5	0.0	-0.1	-0.1	0.0

1982 9-STAKE FARM

(cm in depth)

DATE	TIME	No.1	2	3	4	5	6	7	8	9	Mean
MAR.14	1600	0.0	0.0	-0.1	+0.4	-0.1	0.0	-0.2	0.0	-0.1	0.0
15	1530	+9.1	0.0	-0.1	+10.6	+4.0	+1.2	+7.3	+9.6	+1.1	+4.7
16	"	-9.1	+6.0	+0.1	-10.7	-0.7	+1.9	-7.4	-3.7	-0.5	-2.6
17	1600	-0.3	-6.0	-0.1	+0.1	-4.4	-3.2	+0.1	-6.2	-0.7	-2.3
18	1520	-0.1	-0.1	-0.3	0.0	-0.1	0.0	-0.1	+0.5	-0.5	-0.1
19	1530	0.0	-0.1	0.0	-0.1	-0.1	0.0	+0.1	-0.5	+0.3	-0.1
20	1430	0.0	-0.4	0.0	0.0	-0.2	0.0	0.0	0.0	-0.1	0.0
21	1520	+0.3	+3.4	+1.9	0.0	0.0	+6.4	0.0	+0.4	+0.7	+1.4
22	1535	-0.1	-0.2	-1.9	-0.1	-0.2	-1.4	0.0	-0.5	+1.0	-0.4
23	"	-0.1	-3.1	+3.0	+0.1	0.0	+6.0	-0.1	-0.2	+9.5	+1.7
24	1540	-0.1	0.0	-3.1	0.0	0.0	-10.9	-0.1	+0.1	-11.1	-2.8
25	1510	0.0	0.0	+0.1	0.0	+0.1	0.0	0.0	0.0	+0.9	+0.1
26	1530	+6.9	+6.0	+6.8	+6.1	+9.0	+15.5	+0.3	+0.1	+4.9	+6.2
27	1515	-3.2	-0.8	-4.5	-2.1	-6.1	-11.5	+0.8	+1.7	-4.5	-3.3
28	1530	-1.3	-5.0	-1.5	-4.0	-1.1	-0.6	-0.8	-1.6	+1.2	-1.7
29	1520	-2.4	-0.2	-0.7	0.0	-1.9	-3.3	0.0	-0.1	-2.3	-1.2
30	1515	0.0	+2.7	-0.2	0.0	+1.3	-0.2	-0.1	+1.4	0.0	+0.6
31	"	+28.6	+3.2	0.0	+35.9	+8.9	+0.1	+31.6	+8.9	-0.2	+13.0
MAR.	TOTAL	+32.0	+5.9	+4.3	+38.3	+13.0	+0.1	+31.4	+15.1	+5.7	+16.2
APR. 1	1625	-21.2	-6.0	+0.1	-24.4	-10.7	-0.1	-21.2	-4.3	+0.3	-9.8
2	1515	+1.3	0.0	+7.2	+3.8	-0.3	+16.2	+4.2	+4.1	+3.6	+4.5
3	1520	-8.7	0.0	-7.3	-5.5	0.0	-15.6	-4.8	-6.4	-3.8	-5.8
4	1510	0.0	0.0	0.0	-4.2	+0.5	-0.5	-0.8	+1.1	+0.4	-0.4
5	"	0.0	+0.1	+1.4	-1.8	+2.4	0.0	-0.7	-1.1	-0.3	0.0
6	1515	0.0	0.0	-1.3	0.0	-0.1	0.0	0.0	+2.5	+0.2	+0.2
7	1520	+0.1	-0.1	0.0	+0.8	0.0	-0.1	-0.1	-2.0	-0.1	-0.2
8	1510	0.0	+0.1	0.0	-0.7	-0.3	+0.1	0.0	-0.4	+0.1	-0.1
9	1515	-0.1	0.0	0.0	0.0	-1.3	-0.1	+0.1	0.0	-0.1	-0.2
10	1510	+0.7	0.0	-0.1	-0.3	-0.2	0.0	0.0	-0.3	-0.1	-0.1
11	1515	0.0	-0.1	0.0	-1.3	-1.2	0.0	-1.7	-0.2	0.0	-0.5
12	"	+19.0	+10.3	+7.9	+13.8	+15.5	+14.1	+11.7	+10.6	+2.7	+11.8
13	1520	-14.9	-10.3	-7.9	-9.4	-12.2	-7.8	-13.4	-8.3	-2.7	-9.6
14	"	+15.3	+14.6	+8.1	+11.8	+14.3	+8.0	+12.0	+10.8	+12.0	+11.8
15	1525	-3.6	+7.0	-7.0	-4.3	-8.4	-7.8	-2.1	-8.0	-10.0	-4.9
16	1515	-12.0	-19.6	-0.7	-7.0	-6.3	-3.4	-10.0	-5.5	-1.9	-7.4
17	1530	+5.9	-1.9	-0.4	+2.3	-5.6	-3.1	+6.9	-2.5	+0.2	+0.4
18	"	-10.3	+1.7	+1.4	-7.8	+5.0	+6.3	-3.8	+4.0	+3.0	-0.2
19	1515	+0.1	+0.1	-0.9	-2.1	+0.2	-0.9	-6.2	-2.8	-0.4	-1.4
20	1520	-0.1	0.0	0.0	0.0	-0.1	0.0	+6.3	0.0	-0.3	+0.6
21	1515	+0.2	0.0	+0.1	-0.1	0.0	-0.1	0.0	0.0	+0.1	0.0
22	1505	-0.1	0.0	+1.6	-0.1	0.0	0.0	-6.2	0.0	0.0	-0.5
23	1500	0.0	0.0	-0.6	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
24	"	+0.1	0.0	-1.0	+5.5	0.0	-0.1	+5.6	+0.1	0.0	+1.1
25	1520	-0.1	0.0	0.0	-5.5	-0.1	-1.1	-6.0	-0.1	-0.1	-1.4

1982		9-STAKE FARM									(cm in depth)
DATE	TIME	No.1	2	3	4	5	6	7	8	9	Mean
APR.26	1520	0.0	0.0	-0.2	0.0	+0.1	-0.1	-0.6	0.0	+0.1	-0.1
27	1445	0.0	-0.1	-0.2	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.1
28	1530	0.0	0.0	0.0	0.0	0.0	-0.1	+0.6	0.0	0.0	+0.1
29	1520	+13.4	+4.2	0.0	+18.4	+3.6	-0.3	+15.7	+4.8	0.0	+6.6
30	1530	-13.2	-4.2	0.0	-18.3	-3.5	+0.1	-15.5	-5.6	0.0	-6.7
APR.	TOTAL	-28.2	-4.2	+0.2	-36.5	-8.9	+3.5	-30.1	-9.6	+2.8	-12.3
MAY	1	1420	-0.2	0.0	-0.2	-0.2	-0.1	-1.4	-0.4	0.0	-0.6
	2	1500	0.0	0.0	0.0	0.0	-0.1	-0.6	-0.3	0.0	-0.8
	3	1310	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0
	4	1410	0.0	0.0	+0.2	-0.8	0.0	-0.1	0.0	-0.8	-0.1
	5	1340	+5.8	+0.1	+0.7	+11.5	0.0	0.0	+11.2	+4.3	0.0
	6	1330	-5.8	-0.1	-0.9	-11.3	+8.2	-0.2	-6.5	+4.5	-0.1
	7	1340	0.0	0.0	0.0	0.0	-8.2	0.0	-4.7	-8.8	+0.1
	8	1400	+1.4	0.0	0.0	+0.2	0.0	0.0	0.0	0.0	-0.2
	9	1410	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
	10	1330	+3.5	0.0	+0.1	+8.3	0.0	0.0	+7.7	0.0	0.0
	11	1320	-3.5	+1.8	-0.1	-8.3	0.0	-0.2	-7.7	0.0	-0.1
	12	"	0.0	-1.8	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0
	13	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	14	"	+1.4	0.0	0.0	+1.6	0.0	0.0	+2.8	0.0	0.0
	15	"	-1.4	0.0	0.0	-1.7	+0.1	0.0	-2.7	+0.6	-0.1
	16	1330	+0.1	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	0.0
	17	"	0.0	0.0	+0.1	-0.2	0.0	0.0	0.0	0.0	0.0
	18	1320	+4.7	0.0	+10.8	+1.8	0.0	+12.5	+1.6	+3.6	+5.7
	19	"	-4.8	0.0	-10.9	-1.8	0.0	-12.5	-1.6	-3.6	-5.7
	20	"	+16.0	0.0	0.0	+15.0	0.0	-0.1	+11.0	0.0	0.0
	21	"	-16.0	0.0	0.0	-15.0	0.0	0.0	-11.0	+0.2	0.0
	22	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	23	1250	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	-0.2	0.0
	24	"	+0.1	0.0	0.0	-0.1	0.0	+0.1	0.0	0.0	-0.1
	25	1320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	26	"	0.0	+2.5	0.0	+1.4	0.0	0.0	0.0	0.0	+0.5
	27	1220	0.0	-2.5	0.0	-1.4	0.0	0.0	-0.1	0.0	-0.5
	28	1320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29	"	0.0	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	-0.8
	30	"	+0.1	0.0	+0.1	+0.1	0.0	0.0	0.0	-0.3	-1.7
	31	"	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.2
MAY	TOTAL	0.0	0.0	-0.1	-0.8	0.0	-2.8	-0.7	-0.5	-5.0	-1.1
JUNE	1	1320	+0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	"	+0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1
	3	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	"	-1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2

1982 9-STAKE FARM

(cm in depth)

DATE	TIME	No.1	2	3	4	5	6	7	8	9	Mean
JUNE	5	1320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	6	"	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7	"	+0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	8	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	9	"	+1.1	0.0	+0.1	0.0	0.0	+3.5	+3.9	+0.3	+1.0
	10	"	-0.3	+3.3	0.0	+2.5	0.0	+4.2	+1.8	+1.8	+1.7
	11	"	-0.5	-3.3	-0.2	-2.5	-0.1	-4.1	-5.3	-6.0	-2.7
	12	"	0.0	0.0	0.0	+3.1	+0.1	0.0	+3.7	+0.1	+3.2
	13	1350	0.0	0.0	0.0	-2.6	0.0	-0.1	+1.2	+0.1	-3.2
	14	1320	+0.2	0.0	0.0	+0.8	0.0	0.0	-4.9	+1.9	+0.6
	15	"	-0.2	0.0	0.0	-1.4	0.0	0.0	0.0	0.0	-0.2
	16	"	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-1.8	-0.6
	17	"	+0.4	0.0	0.0	+9.0	0.0	0.0	+16.7	0.0	0.0
	18	"	-0.1	0.0	0.0	-9.0	0.0	0.0	-16.7	0.0	0.0
	19	"	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	20	"	0.0	0.0	+0.3	+0.6	0.0	0.0	+0.1	0.0	+1.7
	21	"	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	-1.3
	22	"	0.0	0.0	+1.7	-0.6	0.0	+1.2	0.0	0.0	0.0
	23	"	+4.0	0.0	-1.8	+1.5	0.0	-1.1	0.0	0.0	-0.2
	24	"	-4.0	0.0	-0.1	-1.4	0.0	0.0	0.0	0.0	-0.1
	25	"	+0.5	+2.0	+10.8	0.0	+2.8	+11.2	-0.2	+1.6	+4.2
	26	"	+8.3	+2.0	-9.1	+4.5	+0.1	-4.5	+0.1	-1.3	-0.1
	27	"	-7.9	-4.0	-1.4	+5.8	+0.1	-4.0	0.0	-0.1	-2.7
	28	"	-0.1	0.0	-0.2	-10.3	-1.0	-1.3	0.0	-0.2	-1.1
	29	"	-0.6	+5.0	+10.1	0.0	+3.0	+10.3	0.0	+5.5	+6.0
	30	"	+0.1	-5.0	-10.2	0.0	-5.0	-11.7	-0.1	-5.5	-6.3
JUNE	TOTAL		-0.3	0.0	-0.1	0.0	0.0	+0.1	0.0	0.0	+0.1
JULY	1	1320	+0.4	0.0	0.0	+4.6	0.0	0.0	+7.3	0.0	0.0
	2	"	-0.4	+10.1	+16.7	-4.3	+15.5	+11.8	-5.1	+22.1	+6.7
	3	"	-0.1	-10.1	-16.7	-0.3	-15.5	-11.8	-2.2	-22.1	-6.7
	4	"	0.0	0.0	+25.4	0.0	0.0	+25.2	0.0	0.0	+24.9
	5	"	0.0	0.0	-25.5	0.0	0.0	-25.2	0.0	0.0	-24.9
	6	"	+0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
	8	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	9	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	11	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	12	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	13	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	14	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	16	"	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	+0.1
	17	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1982 9-STAKE FARM

(cm in depth)

DATE	TIME	No.1	2	3	4	5	6	7	8	9	Mean
JULY18	1320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	1300	0.0	0.0	0.0	+3.6	0.0	0.0	0.0	+1.3	0.0	+0.5
27	1320	0.0	0.0	+0.1	-1.6	0.0	0.0	0.0	-0.5	+0.1	-0.2
28	"	0.0	0.0	0.0	+1.4	0.0	0.0	0.0	0.0	0.0	+0.2
29	"	0.0	0.0	0.0	-1.3	0.0	0.0	0.0	-0.3	-0.1	-0.2
30	"	0.0	0.0	0.0	-2.1	0.0	0.0	0.0	-0.5	0.0	-0.3
31	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JULY	TOTAL	-0.3	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	0.0	0.0
AUG. 1	1320	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	"	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	0.0	0.0
3	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	"	0.0	0.0	0.0	0.0	0.0	0.0	+1.8	0.0	0.0	+0.2
6	"	+4.7	0.0	0.0	+8.3	+0.1	0.0	+5.7	+0.4	0.0	+2.1
7	"	-4.4	0.0	0.0	-8.3	0.0	0.0	-7.3	-0.2	+0.4	-2.2
8	"	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.4	0.0
9	"	-0.1	0.0	+3.0	0.0	0.0	+1.5	0.0	-0.1	0.0	+0.4
10	"	0.0	0.0	-3.0	0.0	0.0	-1.5	0.0	0.0	0.0	-0.5
11	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
12	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
16	"	0.0	0.0	+4.4	0.0	0.0	+8.0	0.0	0.0	+7.1	+2.2
17	"	0.0	0.0	-4.4	0.0	0.0	-8.0	0.0	0.0	-7.1	-2.2
18	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
19	"	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0
20	"	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
21	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
22	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	"	+5.6	+6.1	+3.7	+0.2	+6.6	+8.0	0.0	+8.3	+7.4	+5.1
26	"	-5.6	-6.1	-3.7	-0.2	-6.6	-8.0	0.0	-8.3	-7.4	-5.1
27	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1982 9-STAKE FARM

(cm in depth)

DATE	TIME	No.1	2	3	4	5	6	7	8	9	Mean
AUG.30	1320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AUG.	TOTAL	0.0	0.0	0.0	+0.1	+0.1	0.0	-0.1	0.0	-0.5	0.0
SEP. 1	1320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	1310	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	1320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	"	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	0.0	+0.1
12	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	"	+0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	0.0
15	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	+0.3	0.0
16	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0
17	1520	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	1320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	"	+3.8	0.0	0.0	+5.4	0.0	0.0	+4.7	+7.2	0.0	+2.3
22	"	-0.2	0.0	0.0	+0.3	0.0	0.0	-1.3	-4.5	0.0	-0.6
23	"	-1.2	0.0	0.0	-3.9	0.0	0.0	-2.7	-2.6	+0.1	-1.1
24	"	-2.2	0.0	0.0	-1.8	0.0	0.0	-0.6	-0.1	-0.1	-0.6
25	"	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	"	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
27	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	"	0.0	0.0	+0.1	0.0	0.0	+2.7	0.0	0.0	+0.1	+0.3
30	"	0.0	0.0	0.0	0.0	0.0	-2.7	0.0	0.0	0.0	-0.3
SEP.	TOTAL	+0.1	0.0	+0.1	+0.1	0.0	0.0	0.0	+0.1	+0.2	+0.1
OCT. 1	1320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1982 9-STAKE FARM

(cm in depth)

DATE	TIME	No.1	2	3	4	5	6	7	8	9	Mean
OCT. 9	1320	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
22	"	+0.3	0.0	+0.2	0.0	0.0	+2.5	0.0	0.0	+1.6	+0.5
23	1120	+0.1	+2.6	+3.6	0.0	0.0	+3.9	0.0	0.0	+0.7	+1.3
24	1320	+7.2	-2.6	-3.7	+10.6	0.0	-4.8	+6.5	0.0	-0.7	+1.3
25	"	-7.5	0.0	0.0	-10.7	-0.1	-1.6	-6.5	0.0	-0.9	-3.0
26	"	-0.1	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	-0.1	0.0
27	"	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1
28	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	"	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.2	0.0
30	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
31	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCT.	TOTAL	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	-0.1	+0.2	0.0
NOV. 1	1320	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
2	"	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
3	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	"	+6.6	+0.8	+1.4	+4.2	+1.0	+2.0	+0.1	+6.9	+2.3	+2.8
5	"	-1.6	0.0	+3.2	-2.1	-1.0	+1.4	0.0	-6.8	-2.3	-1.1
6	"	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.0
7	"	+0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	+0.1	0.0
8	"	+0.1	+0.1	0.0	+0.3	0.0	+0.1	0.0	-0.1	+0.3	+0.1
9	"	-5.1	0.0	-0.3	+0.2	0.0	-0.4	+0.5	0.0	-0.3	-0.6
10	"	+8.2	+0.1	-0.4	+5.1	0.0	-1.1	+2.2	+2.5	-0.1	+1.8
11	"	-1.7	-1.0	-0.1	-1.2	-0.1	-0.1	-2.8	-0.5	-0.1	-0.8
12	"	0.0	0.0	+0.3	-0.1	0.0	-0.1	0.0	-0.2	-0.2	0.0
13	"	0.0	0.0	-0.3	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
14	"	-0.3	0.0	0.0	-0.2	0.0	-0.5	0.0	0.0	-0.1	-0.1
15	"	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
16	"	0.0	0.0	0.0	-0.2	0.0	-0.1	0.0	-0.1	0.0	0.0
17	"	0.0	0.0	-0.1	0.0	0.0	-1.0	-0.1	-0.1	-0.1	-0.2
18	"	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
19	"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	"	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1

1982 9-STAKE FARM

(cm in depth)

DATE	TIME	No.1	2	3	4	5	6	7	8	9	Mean
NOV.21	1320	0.0	0.0	-0.2	-0.2	-0.1	-0.1	-0.1	0.0	0.0	0.0
22	"	-0.8	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.3	-0.2
23	"	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0
24	"	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	0.0	-0.1	-0.1	-0.1
25	"	-0.3	-0.1	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
26	"	+1.8	0.0	-2.9	+4.7	0.0	-0.1	+4.5	-0.7	-0.7	+0.7
27	"	-6.4	0.0	-0.1	-5.0	0.0	0.0	-4.6	-0.2	+0.1	-1.8
28	"	0.0	-0.1	-0.2	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
29	"	-0.1	0.0	0.0	-0.3	0.0	0.0	0.0	-0.1	0.0	0.0
30	"	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.2	-0.1	-0.2
NOV.	TOTAL	+0.2	-0.6	-0.4	+4.7	-0.5	-0.8	-1.0	-0.7	-2.2	-0.1
DEC. 1	1320	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	+0.3	+0.1
2	"	-0.1	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	0.0	-0.1
3	"	-0.1	-0.1	-0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	-0.1
4	"	0.0	-0.1	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.1	0.0
5	"	-0.1	-0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	+0.1	-0.1
6	"	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	0.0	-0.1	0.0
7	"	+0.1	0.0	+0.3	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0
8	"	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	0.0	-0.1	0.0	-0.1
9	"	-0.1	0.0	-0.4	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0
10	"	-0.1	-0.1	0.0	-0.1	0.0	-0.1	0.0	-0.1	-0.1	-0.1
11	"	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-2.0	-0.3
12	"	-0.1	-0.2	-0.1	-0.3	-0.1	-0.1	0.0	0.0	+0.7	0.0
13	"	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.1
14	"	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	-0.1
15	"	-0.2	-0.1	0.0	-0.1	-0.1	0.0	-0.1	-0.1	+0.9	0.0
16	"	-0.2	-0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0
17	"	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1
18	"	-0.2	-0.1	-0.2	-0.2	-0.2	-0.1	0.0	0.0	-0.5	-0.1
19	1330	+5.5	+5.0	+7.2	+0.7	+9.5	+11.9	+2.2	+10.2	+12.4	+7.2
20	1320	-0.6	-1.7	-2.9	+1.3	-3.6	-5.3	+3.7	-2.8	-4.9	-1.9
21	"	+0.2	+0.7	-0.6	-0.2	-0.2	-0.7	-0.8	0.0	-0.5	-0.2
22	"	-0.2	-0.2	-0.3	-0.1	-0.2	-0.2	-0.2	-0.1	-0.2	-0.2
23	"	-0.1	-0.1	-0.1	0.0	-0.2	-0.2	-0.1	-0.2	-0.2	-0.2
24	"	-0.2	-0.1	-0.2	-0.1	-0.5	-0.3	-0.2	-0.6	-0.2	-0.2
25	"	-1.3	-0.1	-0.2	0.0	-0.2	-0.2	-0.1	-0.2	-0.1	-0.3
26	"	-0.3	-0.1	-0.2	-0.2	-0.5	-0.2	-0.1	-0.3	-0.2	-0.2
27	"	-0.1	-0.3	-0.2	0.0	-0.3	-0.3	-0.1	-0.2	-0.3	-0.2
28	"	+0.7	-0.3	-0.2	-0.2	-0.3	-0.1	-0.2	-0.3	-0.2	-0.2
29	"	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.2	-0.2	0.0
30	"	-0.2	-0.6	-0.2	-0.1	-0.3	-0.1	-0.1	-0.1	-0.1	-0.2
31	"	-0.1	-1.1	-0.5	-0.2	-0.6	-0.4	-0.2	-0.1	-0.5	-0.5
DEC.	TOTAL	+1.8	-0.1	+0.5	-0.7	+1.5	+2.6	+2.7	+4.1	+3.8	+1.8

1983		9-STAKE FARM									(cm in depth)
DATE	TIME	No.1	2	3	4	5	6	7	8	9	Mean
JAN. 1	1330	-0.1	-1.2	-0.4	-0.3	-0.5	-0.3	-0.2	-0.2	-0.1	-0.3
2	"	-0.1	-0.1	-0.3	-0.3	0.0	-0.3	-0.2	-0.2	-0.6	-0.3
3	"	-0.1	-0.1	-0.1	0.0	-0.2	-0.1	0.0	-2.0	-0.2	-0.3
4	"	0.0	0.0	0.0	-0.1	0.0	0.0	-0.2	-0.1	-0.1	0.0
5	"	-0.1	-0.2	-0.2	0.0	-0.2	-0.2	-0.1	-0.1	0.0	-0.1
6	"	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.1
7	"	-0.1	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.1	0.0
8	"	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
9	"	-0.1	-0.1	0.0	-0.1	+0.1	-0.1	-0.1	-0.1	-0.1	-0.1
10	1530	-0.1	-0.1	0.0	0.0	0.0	-0.2	-0.1	-0.1	-0.1	0.0
11	1630	0.0	0.0	-0.2	-0.2	-0.2	-0.2	-0.1	-2.0	-0.8	-0.5
12	1530	-0.1	-0.1	-0.1	-0.1	-0.4	-0.1	-0.1	-0.1	-0.1	-0.1
13	1500	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	-0.8	-1.7	-0.4
14	-	-	-	-	-	-	-	-	-	-	-
15	1730	-0.1	-0.3	-0.3	-1.9	0.0	-0.3	-0.2	-0.2	-0.5	-0.4
16	1630	-0.2	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1
17	1700	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
18	1620	-0.6	-0.1	-0.1	-0.5	-0.2	-0.2	0.0	-0.2	-0.2	-0.3
19	1700	-0.2	-0.2	-0.3	-0.2	-0.1	0.0	-0.1	-0.1	-0.1	-0.1
20	1600	-0.3	0.0	0.0	-0.2	-0.2	-0.2	-0.1	0.0	-0.1	-0.3
21	1500	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.0	-1.8	0.0	-0.1
22	1830	-0.1	0.0	-0.1	-0.2	0.0	0.0	0.0	0.0	-0.1	0.0
23	2200	-0.1	-0.1	-0.1	0.0	+0.2	-0.1	-0.1	-0.1	-0.1	-0.4
24	2030	-0.1	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	+0.3
25	1630	0.0	-0.1	-0.1	0.0	-0.1	-0.1	0.0	-0.2	+0.4	0.0
26	1430	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1
27	1410	+0.3	+0.1	+0.2	+0.2	+0.1	+0.1	+0.2	+0.2	+1.2	+0.3
28	1500	-0.3	-0.1	-0.2	-0.3	-0.2	-0.2	-0.1	-0.3	-1.2	-0.3
29	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-
31	2200	-0.1	+1.9	-2.5	-0.1	+0.1	+0.4	-0.3	-0.2	+4.3	+0.4
JAN.	TOTAL	-2.7	-1.3	-5.5	-4.8	-2.5	-2.6	-2.2	-8.9	-0.8	-3.5

Table 6. Net accumulation with a 36-stake farm at
Mizuho Station.

36-STAKE FARM (DEC. 1981 - MAY 1982) (cm in depth)

	1	2	3	4	5	6	7
Period	DEC.31- JAN.31	JAN.31- FEB.14	FEB.14- FEB.27	FEB.27- APR. 1	APR. 1- APR.19	APR.19- MAY 3	MAY 3- MAY 14
No.	(31 days)	(14)	(13)	(33)	(18)	(14)	(11)
I-1	-2.2	+0.4	+0.4	-0.5	+0.1	+1.6	-0.7
2	-1.0	-0.4	0.0	+4.2	-0.7	+0.4	-0.1
3	-1.3	-0.4	-0.1	-0.2	0.0	+0.1	+0.1
4	-1.4	-0.5	-0.2	-0.2	+0.2	-0.6	0.0
5	-0.7	-0.2	-0.1	+0.2	+0.6	+0.6	-0.1
6	-2.2	-0.6	-0.3	+1.8	-1.6	-0.2	-0.2
II-1	-0.7	-0.4	-0.2	+13.2	-0.1	-1.0	+1.0
2	-1.3	-1.0	0.0	+12.5	+0.4	+1.6	-1.4
3	-2.7	-0.8	-0.2	-0.3	+0.2	0.0	-0.1
4	-1.5	-0.5	-0.2	+52.5	-33.5	0.0	-0.1
5	-1.9	-0.6	-0.1	+15.9	+1.0	-3.5	-0.3
6	+8.5	-0.7	-0.1	+29.1	-9.5	-7.1	-0.2
III-1	+0.6	-0.7	+1.2	0.0	-0.4	+0.6	0.0
2	-2.3	-0.9	-0.3	+35.4	-19.8	-5.7	0.0
3	+2.4	-0.7	+1.6	+11.5	+8.3	-0.1	0.0
4	-1.2	-0.9	-0.5	-0.2	+0.2	+0.4	-0.5
5	+7.4	-0.4	-0.1	+12.3	-0.7	+1.0	-1.3
6	-2.2	+0.3	+0.7	+0.3	+0.1	-0.5	+0.1
IV-1	-3.3	-0.3	-0.4	+35.4	+3.5	-13.5	+0.3
2	-1.3	-0.1	-0.3	-0.6	-2.8	+9.4	-0.2
3	-1.8	+1.0	-0.5	+0.3	+13.6	-5.2	+0.5
4	-1.3	-0.6	-0.1	+5.0	+0.6	+0.1	-0.1
5	-3.8	-0.8	-0.2	-0.3	+24.5	-1.3	0.0
6	-4.3	-0.4	-0.1	+5.2	+0.1	-0.7	-0.2
V-1	-1.0	+0.7	+4.5	-7.2	0.0	+0.3	+2.4
2	-1.6	-0.2	-0.1	+1.3	+0.5	-0.5	+0.5
3	+1.8	-0.2	-0.2	-0.7	+0.4	+0.2	-0.6
4	-1.6	-0.3	-0.4	-0.9	+0.1	+0.9	-0.2
5	-1.2	-0.6	-0.2	-0.2	+0.2	-0.1	+0.1
6	-1.3	-0.2	-0.3	+7.3	+4.0	-3.9	0.0
VI-1	-0.7	-0.7	-0.2	+7.3	-0.3	+0.1	-0.1
2	-1.1	-0.4	-0.2	-0.2	-0.1	+0.3	-0.4
3	-2.0	-0.1	-0.3	-0.1	+0.1	0.0	0.0
4	-1.5	-0.2	-0.6	+5.9	-0.2	+0.1	+0.3
5	-1.4	-0.5	-0.4	+8.0	-1.5	+0.2	+0.1
6	-2.2	-0.6	-0.1	+1.9	+0.2	0.0	+0.4
Mean	-0.9	-0.4	0.0	+7.1	-0.3	-0.7	0.0

36-STAKE FARM (MAY - AUG. 1982)

(cm in depth)

	8	9	10	11	12	13	14
Period	MAY 14- MAY 31	MAY 31- JUN.16	JUN.16- JUN.30	JUN.30- JUL.16	JUL.16- JUL.31	JUL.31- AUG.14	AUG.14- AUG.31
No.	(17 days)	(16)	(14)	(16)	(15)	(14)	(17)
I-1	+19.7	-14.5	-0.3	0.0	+0.5	-0.6	+1.3
2	-0.1	+12.3	-12.5	+0.2	-0.5	+1.1	-0.8
3	-0.4	0.0	+0.6	-0.4	+0.2	-0.2	+0.2
4	+0.6	-0.2	+0.1	-0.1	-0.2	+0.2	0.0
5	+3.8	-3.7	+0.1	-0.1	0.0	+4.8	-4.9
6	+0.5	-0.5	+0.6	-0.2	+0.1	+0.2	-0.2
II-1	-0.1	-0.2	+3.7	-3.6	+0.3	-0.5	+0.1
2	+0.3	-0.8	+1.8	-1.6	+0.8	-0.7	+0.3
3	+1.4	-1.4	0.0	0.0	+0.1	-0.2	+0.2
4	+2.6	-2.5	+0.6	-0.6	-0.1	0.0	+0.6
5	+3.5	-3.5	+14.8	-15.2	+0.7	-0.9	+0.3
6	+8.2	-7.9	+3.3	-3.4	+0.2	+5.1	-5.0
III-1	0.0	-0.2	+0.1	0.0	-0.1	0.0	+0.3
2	+32.5	-15.1	0.0	0.0	-3.6	+0.3	+0.3
3	-0.1	+1.4	0.0	-1.5	+0.5	-0.4	+0.1
4	0.0	-0.2	0.0	+0.1	0.0	-0.1	+0.1
5	+0.3	-0.2	0.0	-0.1	+0.1	-0.2	+0.2
6	+0.3	0.0	+0.1	-0.1	+0.1	0.0	+0.1
IV-1	+23.4	-0.3	+0.4	-0.3	+0.1	-0.4	+0.7
2	+0.9	-0.9	-1.3	+1.4	-1.4	0.0	-1.6
3	-0.7	-3.6	-0.2	+0.2	+0.1	-0.3	+0.5
4	+20.2	-20.5	+0.6	-0.5	-0.5	+0.4	-0.5
5	-3.8	-0.6	+0.2	-0.2	-1.4	-0.2	+0.4
6	+0.1	-0.2	+1.0	-0.9	+0.1	-0.2	+0.2
V-1	-2.3	-0.4	+0.4	-0.2	+0.1	-0.3	+0.1
2	0.0	0.0	0.0	-0.1	+0.2	-0.2	+0.1
3	+0.1	0.0	+0.1	0.0	+0.1	-0.2	+0.4
4	+0.2	+0.2	-0.7	+0.2	0.0	-0.2	-0.1
5	+0.1	-0.3	+0.2	0.0	0.0	-0.4	+0.4
6	+0.1	-0.2	+12.7	-17.4	+4.9	-0.1	+0.1
VI-1	+0.3	-0.4	+4.9	-4.4	+0.2	-0.2	+0.2
2	+0.1	-0.7	+1.0	-0.3	+0.3	-0.7	+0.7
3	0.0	-0.1	+0.2	0.0	0.0	-0.3	+0.4
4	+0.6	-0.5	+0.5	-0.3	+0.3	-0.3	+0.2
5	+1.5	-1.6	+0.1	-0.1	0.0	+5.5	-5.5
6	-0.4	-0.1	+0.4	-0.2	+0.1	-0.1	+0.1
Mean	+3.2	-1.9	+0.9	-1.4	+0.1	+0.3	-0.3

36-STAKE FARM (AUG. - NOV. 1982)

(cm in depth)

Period	15 AUG.31- SEP.15 No. (15 days)	16 SEP.15- SEP.30 (15)	17 SEP.30- OCT.15 (15)	18 OCT.15- OCT.31 (16)	19 OCT.31- NOV.15 (15)	20 NOV.15- NOV.30 (15)	21 NOV.30- DEC.15 (15)
I-1	-0.6	0.0	+0.1	-0.2	-0.1	+1.3	-1.7
2	+0.9	-0.9	0.0	0.0	+3.2	-2.9	-0.8
3	+0.1	-0.1	+0.1	0.0	-0.2	-0.3	-0.9
4	+0.1	0.0	0.0	-0.1	-0.1	-0.4	-0.8
5	+0.1	+0.1	+0.1	-0.1	0.0	-0.4	+0.1
6	+0.3	0.0	-0.3	-0.1	-0.1	-0.6	-1.0
II-1	+0.1	0.0	0.0	0.0	-0.2	-3.4	-3.3
2	+0.2	-0.1	-0.1	+0.2	+0.2	-0.7	+0.2
3	0.0	0.0	0.0	0.0	-0.1	-0.3	-0.9
4	-0.1	-0.4	0.0	0.0	0.0	-0.7	+8.3
5	+0.9	-0.4	-0.5	+0.1	-0.1	-0.3	-1.6
6	-0.1	0.0	0.0	+0.9	-1.1	-0.3	-2.5
III-1	-0.1	0.0	0.0	0.0	-0.1	-0.5	-1.6
2	+0.4	-0.3	0.0	-0.1	-0.1	-1.5	-1.3
3	-0.1	0.0	0.0	-0.1	0.0	-0.5	-1.5
4	+0.1	+2.9	-3.0	0.0	0.0	-0.4	+3.6
5	0.0	0.0	-0.1	0.0	-0.1	-0.4	-2.5
6	-0.1	0.0	0.0	0.0	0.0	-0.3	-1.2
IV-1	-0.5	0.0	0.0	0.0	0.0	-4.1	-1.7
2	+0.9	+12.7	-12.7	+0.8	0.0	-0.7	-1.2
3	0.0	-0.2	0.0	0.0	-0.5	-0.7	-1.3
4	+0.6	-0.1	0.0	+0.1	-0.1	-2.6	+2.1
5	-0.2	+0.1	0.0	0.0	-0.1	-0.5	-1.0
6	0.0	0.0	0.0	0.0	-0.1	-0.2	-4.4
V-1	+0.2	-0.1	0.0	0.0	0.0	-0.7	-1.2
2	+0.1	-0.1	0.0	-0.1	-0.1	-1.8	-0.7
3	-0.2	+0.2	-0.2	0.0	+0.2	-0.2	-0.5
4	+0.8	0.0	+0.3	-0.4	-0.2	-0.3	-1.2
5	+0.1	0.0	-0.1	0.0	-0.1	-1.0	-1.4
6	0.0	0.0	0.0	0.0	-0.1	-1.1	-0.8
VI-1	0.0	-0.5	0.0	-0.1	-0.3	-0.1	-2.9
2	0.0	0.0	+0.1	-0.1	-0.1	-0.3	-0.7
3	-0.1	0.0	0.0	0.0	-0.1	-0.5	-0.7
4	+0.1	0.0	-0.1	-0.1	-0.1	-0.3	+0.6
5	+0.1	-0.1	0.0	0.0	-0.1	-0.5	-2.4
6	0.0	0.0	0.0	0.0	0.0	-0.2	-2.3
Mean	+0.1	+0.4	-0.5	0.0	0.0	-0.8	-0.9

36-STAKE FARM (DEC. 1982 - JAN. 1983)

(cm in depth)

	22	23	24	Total
Period	DEC.15- DEC.31	DEC.31- JAN.15	JAN.15- JAN.31	DEC.31- JAN.31
No.	(16 days)	(15)	(16)	(396)
I-1	-2.1	-0.9	-3.3	-2.3
2	-2.7	-1.4	-1.6	-4.1
3	-0.5	-0.8	-1.9	-6.3
4	-1.2	-1.7	-1.8	-8.3
5	-1.1	-0.9	+10.8	+9.0
6	-1.2	-1.6	-4.3	-11.7
II-1	-2.2	-2.4	-2.3	-2.2
2	-0.8	-0.8	-4.2	+5.0
3	-1.8	-1.4	-1.3	-9.6
4	-1.0	-0.7	-1.6	+21.1
5	-3.9	+0.7	+0.2	+5.3
6	-0.8	-0.7	-0.8	+15.1
III-1	-0.6	-2.0	-0.5	-4.0
2	-1.7	-1.6	-1.1	+13.5
3	-0.9	-1.1	-9.3	+9.5
4	-1.7	-1.1	-0.2	-2.6
5	-0.7	-0.7	-1.4	+12.4
6	-0.7	-1.9	-1.8	-6.7
IV-1	-2.5	-1.7	-8.0	+26.8
2	-1.2	-1.3	+4.6	+3.1
3	-3.0	-5.7	+5.5	-2.0
4	-1.1	+0.1	+1.0	+2.8
5	-2.7	-1.9	-4.9	+1.3
6	-1.1	-1.3	-3.4	-10.8
V-1	-0.6	-1.7	-2.4	-9.4
2	-1.2	-1.0	-1.2	-6.2
3	-2.7	-1.8	-4.4	-8.4
4	-1.3	-2.0	-2.2	-9.3
5	-2.2	-3.2	-1.6	-11.5
6	-0.7	-0.7	-0.9	+1.4
VI-1	-3.6	+0.3	+2.0	+0.8
2	-1.1	-1.3	-2.3	-7.5
3	-1.0	-1.1	-1.5	-7.2
4	-1.2	-6.1	-1.8	-4.7
5	-2.5	-0.8	-0.5	-2.4
6	-0.9	-1.6	-1.9	-7.5
Mean	-1.6	-1.5	-1.4	-0.5

Table 7. Net accumulation with a 201-stake farm at Mizuho Station.

201-STAKE FARM (DEC. 1981 - MAY 1982)						(cm in depth)
Period	1 DEC.31- FEB 14 (45 days)	2 FEB 14- FEB 27 (13)	3 FEB 27- APR.2 (33)	4 APR.2- APR.19 (17)	5 APR.19- MAY 3 (14)	6 MAY 3- MAY 14 (11)
No.						
1	-1.5	+0.1	0.0	+0.1	0.0	-0.2
2	-1.1	+0.6	-0.2	+0.1	0.0	-0.7
3	-0.5	-0.1	0.0	+0.1	-0.1	-0.2
4	-3.4	+0.8	-1.1	+0.1	-0.2	0.0
5	-1.8	-0.3	+0.6	0.0	-0.1	-0.1
6	-2.1	-0.2	+6.5	-0.4	-0.2	0.0
7	-0.9	-0.1	+5.2	-0.2	-0.1	0.0
8	+2.0	-0.5	+4.2	0.0	0.0	-0.1
9	-5.9	-1.4	+6.5	-7.4	+0.7	-0.2
10	-2.0	-0.2	+0.1	-0.7	+0.6	-0.7
11	-3.5	0.0	-0.2	0.0	-0.1	+0.1
12	-0.9	-0.3	-0.5	0.0	+0.2	-0.7
13	-0.2	-0.1	-0.8	-0.3	+1.4	-1.4
14	-0.4	-0.5	-0.9	-0.2	+1.2	-1.3
15	-0.3	-0.4	+2.0	+0.1	-0.1	0.0
16	-1.2	-0.1	-0.1	-0.8	+0.5	+0.1
17	-2.3	-0.3	+0.9	+1.4	-2.4	+0.7
18	-1.7	-0.3	-0.1	+1.6	-1.8	-1.1
19	-1.5	-0.4	+0.1	+1.5	-1.7	-0.1
20	-1.9	-0.4	-0.1	+1.0	-1.0	-0.2
21	-1.1	-0.5	-0.3	+3.1	-3.0	+0.7
22	-1.3	-0.3	-0.2	+1.4	-1.3	-0.2
23	-1.5	-0.1	-0.4	+1.4	-1.7	-0.3
24	-1.2	-0.3	-0.2	+0.3	-0.1	-0.7
25	-1.1	-0.3	+0.6	-0.4	+0.6	-1.3
26	-1.8	-0.1	+0.8	0.0	-0.1	+0.1
27	-2.0	-0.3	+8.7	0.0	+0.1	-1.1
28	-1.2	-0.1	+11.0	-7.7	0.0	+0.4
29	-1.3	-0.2	+9.7	-1.9	-0.1	+0.1
30	-0.5	-0.3	+1.3	+0.2	-0.1	0.0
31	-0.8	-0.3	+0.1	+0.3	-0.1	-0.2
32	-0.3	-0.3	-0.1	+0.2	-0.1	-0.1
33	-1.1	-0.1	-0.1	+0.2	0.0	-0.3
34	-0.9	-0.2	+6.5	-6.6	+0.5	-0.2
35	-1.6	0.0	+2.8	-1.2	+0.5	-0.2
36	-0.5	-0.2	-0.3	+0.2	-0.1	+0.1
37	-0.6	0.0	-0.3	+0.3	-0.1	-0.2
38	-0.5	-0.1	-0.8	+0.7	-0.4	-0.3
39	-0.1	-0.3	+0.3	+0.7	-1.1	+0.5
40	-0.9	+0.1	+5.3	-1.2	+0.2	-0.2

G: Glazed surface, D: Depositinal surface and E: Erosional surface.

201-STAKE FARM (DEC. 1981 - MAY 1982)

(cm in depth)

	1	2	3	4	5	6
Period	DEC.31- FEB 14	FEB 14- FEB 27	FEB 27- APR.2	APR.2- APR.19	APR.19- MAY 3	MAY 3- MAY 14
No.	(45 days)	(13)	(33)	(17)	(14)	(11)
41	-0.7	-0.1	+8.2	0.0	-0.3	+0.1
42	-1.0	0.0	+7.1	+0.4	-0.3	-0.2
43	-1.3	-0.1	+6.8	+0.1	-0.1	+0.2
44	-2.6	+0.2	+7.3	-0.2	0.0	+0.1
45	-2.7	-0.2	+5.9	+0.2	-0.2	+0.1
46	+0.3	-0.5	+5.6	+0.1	-0.2	+0.2
47	+1.3	-0.1	+8.4	+0.9	-0.6	-0.1
48	+4.1	-0.3	+11.7	+0.1	-0.2	-0.1
49	-1.2	0.0	+10.1	+0.2	+0.4	-0.3
50	-0.6	-0.2	+7.2	0.0	-0.2	0.0
51	-4.0	-0.2	+6.2	-4.9	+4.9	+0.1
52	-2.0	-0.3	+6.3	+0.3	-0.2	-0.6
53	-1.4	-0.3	+6.4	0.0	+0.1	-0.1
54	-2.0	0.0	+10.9	-0.3	+0.6	-0.6
55	-2.0	+0.2	+9.6	+2.3	-2.4	+0.2
56	-1.8	-0.3	+8.0	+7.9	-8.0	-0.2
57	-1.5	-0.1	+8.4	+8.0	-3.8	+0.5
58	-3.2	-0.1	+7.2	+0.2	-0.2	+0.1
59	-1.4	-0.1	+10.4	+0.1	+0.1	-0.1
60	-1.5	-0.2	+5.1	+9.4	-4.5	-0.6
61	-1.9	-0.2	+5.1	+10.7	-0.4	-0.4
62	-1.7	-0.4	+1.3	+15.0	-3.4	-0.1
63	-1.4	-0.1	+0.3	+9.0	-4.2	+1.8
64	-1.6	-0.4	-0.3	+7.7	-2.4	+0.4
65	-1.4	-0.1	+1.6	+14.2	-10.6	0.0
66	-1.4	-0.2	+6.8	+13.9	-13.7	0.0
67	-1.4	-0.2	+9.5	+13.7	-13.5	+0.5
68	-1.7	-0.1	+13.6	+9.1	-9.1	0.0
69	-1.5	+0.1	+9.0	+5.6	-5.7	-1.0
70	-0.8	0.0	+2.6	+5.0	-5.0	+0.1
71	-1.3	-0.2	+7.6	+3.1	-2.6	-2.1
72	-0.1	+14.8 D	+0.1	+1.2	-1.1	-0.2
73	-3.3	+6.7 D	+6.1	+3.9	-3.9	-0.6
74	-5.0	+6.7 D	+12.2	+2.8	-2.9	-0.3
75	-1.4	-0.4	+9.4	-0.1	0.0	-0.3
76	-1.2	-0.1	+21.1	-0.1	+0.1	-0.2
77	-1.3	-0.3	+21.2	+3.1	+0.1	-0.3
78	-3.7	-0.3	+19.3	-0.4	-0.2	0.0
79	-1.7	+0.5	+11.7	-0.3	+0.3	-0.3
80	-1.0	0.0	+13.7	0.0	-0.1	-0.2

G: Glazed surface, D: Depositinal surface and E: Erosional surface.

201-STAKE FARM (DEC. 1981 - MAY 1982)

(cm in depth)

Period	1 DEC.31- FEB 14 (45 days)	2 FEB 14- FEB 27 (13)	3 FEB 27- APR.2 (33)	4 APR.2- APR.19 (17)	5 APR.19- MAY 3 (14)	6 MAY 3- MAY 14 (11)
No.						
81	-3.0	-0.2	+12.2	0.0	-0.2	-0.4
82	-3.1	-0.1	+10.5	0.0	-0.3	-0.2
83	-4.8	-0.2	+6.1	+0.1	0.0	0.0
84	-1.1	-0.2	+3.4	0.0	0.0	0.0
85	+6.9	-0.2	+0.7	0.0	-0.2	+0.2
86	-3.6	-0.8	+7.4	+0.1	-0.1	-0.1
87	-1.7	-0.9	+6.6	0.0	-0.1	-0.2
88	-4.3	-0.4	+10.8	+2.7	-2.4	-0.6
89	-0.9	-0.3	+8.8	+4.2	-4.2	-0.2
90	+2.5	-0.7	+8.8	+0.3	-0.2	-1.2
91	-10.5	-0.4	+8.4	0.0	0.0	0.0
92	+1.4	-0.3	+0.1	+5.1	-5.2	+0.1
93	-3.0	+0.2	+1.2	+11.7	-11.7	+0.1
94	-1.8	0.0	+1.3	+7.1	-7.7	-0.1
95	-1.0	-0.2	+10.1	+2.0	-1.9	0.0
96	-1.1	-0.2	+5.2	+1.2	+1.4	-0.6
97	-1.4	0.0	+7.4	+0.2	-0.3	-0.1
98	-1.6	-0.1	+3.8	-0.1	+0.2	+0.1
99	-2.5	+0.3	+6.1	-0.1	-0.3	0.0
100	-1.4	-0.3	+6.5	-0.5	+0.6	0.0
101	-1.4	-0.4	+7.7	0.0	0.0	0.0
102	-2.0	0.0	+10.2	+23.2	-13.2	+0.1
103	-1.7	-0.2	+23.9	+1.4	-1.4	+0.1
104	-2.7	-0.1	+18.5	+26.7	-25.9	-1.3
105	-2.4	-0.1	+15.2	+36.9	-21.4	-0.8
106	-14.3	-0.2	+12.8	+14.2	-5.8	-0.2
107	-3.5	-0.3	+11.7	+30.6	-23.0	0.0
108	-4.5	-0.2	+31.1	+10.1	-29.0	-1.0
109	-4.0	-0.2	+8.2	+24.5	-14.3	-10.2
110	-2.8	+0.1	+3.1	+17.3	-17.3	-0.1
111	-1.7	-0.2	+2.0	+6.3	-0.4	+0.2
112	-2.3	+0.1	+0.4	+8.0	-5.8	-1.1
113	-2.1	-0.4	0.0	+20.9	-12.0	-9.1
114	-5.8	+0.2	-0.1	+18.2	-5.4	-2.1
115	-0.5	+1.9	+4.1	+11.8	-2.3	-7.2
116	-3.4	0.0	-0.4	+1.0	-0.9	-0.1
117	-2.4	-0.1	0.0	0.0	0.0	-0.1
118	-2.9	0.0	+3.6	-0.2	+0.3	0.0
119	-3.7	-0.2	+7.7	-0.2	+0.1	-0.2
120	-2.8	0.0	+1.8	+0.5	-0.7	-0.2

G: Glazed surface, D: Depositinal surface and E: Erosional surface.

201-STAKE FARM (DEC. 1981 - MAY 1982)

(cm in depth)

	1	2	3	4	5	6
Period	DEC.31- FEB 14	FEB 14- FEB 27	FEB 27- APR.2	APR.2- APR.19	APR.19- MAY 3	MAY 3- MAY 14
No.	(45 days)	(13)	(33)	(17)	(14)	(11)
121	-1.7	+0.1	+4.5	-0.1	0.0	-0.1
122	-2.0	-0.5	+0.5	+0.1	-0.1	0.0
123	-2.0	0.0	-0.2	+0.1	0.0 G	+0.1
124	-2.4	-0.3	-0.2	+0.2	-0.4 G	+0.1
125	-3.6	-0.2	-0.1	+0.2	-0.1 G	+0.1
126	-2.1	-0.3	0.0	0.0	-0.1 G	+0.1
127	-2.3	-0.1	-0.1	-0.3	+0.2 G	-0.1
128	-3.9	-0.1	-0.1	0.0	0.0 G	+0.1
129	-4.5	-0.1	0.0	-0.1	0.0 G	+0.3
130	-1.7	-1.1	+0.9	+0.1	-0.1	-0.1
131	-3.1	-0.2	0.0	+7.5	-7.6	-0.2
132	-4.9	-0.2	+11.2	+5.6	-13.7 E	-3.0
133	-2.6	-0.3	+19.6	-1.1	-15.0	+0.3
134	-1.8	-0.2	+4.0	+15.5	-14.6	+0.1
135	-2.7	-0.1	+7.9	+12.8	-12.9	+0.1
136	-2.3	0.0	+4.1	+16.3	-16.4	+0.1
137	-2.6	-0.3	+2.5	+10.4	-13.1	+0.1
138	-1.3	-0.1	+20.7	-0.4	-17.3	+0.7
139	-1.7	-0.1	+6.6	+14.5 D	-21.2	+0.1
140	-3.5	-0.2	+2.4	+24.8 D	-24.5	-0.1
141	-3.3	-0.2	-0.1	+16.4	-16.4	+0.3
142	-3.0	-0.2	+2.2	+5.4	-5.4	+0.1
143	+7.1	-0.2	+0.1	-0.1	-0.1	0.0
144	+4.6	-0.2	+2.5	-0.2	-0.4	0.0
145	-12.4	0.0	+1.4	+0.1	-0.1	0.0
146	-2.5	-0.3	+2.2	-0.2	+0.1	+0.1
147	+6.2	0.0	+8.7	-0.3	+0.3	0.0
148	-3.8	0.0	+3.2	-0.3	+0.2	-0.3
149	-2.6	-0.1	+9.0	-0.4	+0.1	+0.9
150	-2.4	-0.1	+10.7	-0.2	+0.1	+0.2
151	-0.9	+0.4	+7.0	-0.1	-0.7	+0.1
152	-1.8	0.0	+4.3	+0.2	-0.2	+0.4
153	-1.6	0.0	+4.8	-0.5	+0.1	-1.3
154	-0.8	0.0	+8.5	+0.3	-0.1	+0.3
155	-1.5	-0.3	0.0	+0.1	-0.1	0.0
156	-11.9	+0.1	+5.0	+1.4	-1.5	+0.2
157	-1.7	-0.1	+0.3	+3.8	-3.8	+0.1
158	-1.0	0.0	+0.9	-0.6	+0.4	+0.2
159	+7.6	-0.2	+6.6	0.0	-0.1	+0.1
160	+8.7	-0.1	-0.2	-0.1	+0.3	+0.2

G: Glazed surface, D: Depositinal surface and E: Erosional surface.

201-STAKE FARM (DEC. 1981 - MAY 1982)

(cm in depth)

Period	1 DEC.31- FEB 14 (45 days)	2 FEB 14- FEB 27 (13)	3 FEB 27- APR.2 (33)	4 APR.2- APR.19 (17)	5 APR.19- MAY 3 (14)	6 MAY 3- MAY 14 (11)
No.						
161	-1.1	-0.7	+19.6	+0.1	-0.4	0.0
162	+10.1	-0.3	+4.7	0.0	-0.1	+0.1
163	-1.3	0.0	+9.0	-0.7	+0.7	0.0
164	-1.9	-0.1	+10.1	-7.1	+0.3	+0.2
165	-1.8	0.0	+10.9	-0.1	0.0	0.0
166	-1.1	0.0	+12.1	-3.4	-0.1	+0.8
167	-2.4	0.0	+23.4	-5.1	-3.1	-1.7
168	-1.5	-0.2	+16.1	-1.5	0.0	-2.5
169	-6.5	0.0	+9.2	-9.3	+0.2	+0.3
170	-2.0	-0.1	+5.2	-0.1	0.0	+0.1
171	-0.7	+4.4 D	+5.4	-0.2	+0.1	+0.1
172	-1.0	-0.3	+15.5	0.0	-1.1	+0.9
173	-1.7	+0.9	+17.3	+2.3	-2.6	0.0
174	-2.6	+0.1	+8.7	-0.1	+0.1	0.0
175	-5.0	+4.6 D	+11.7	-0.3	+0.1	+0.1
176	-2.7	+17.1 D	+4.7	-2.9	0.0	+0.1
177	+12.9	-0.3	+0.1	0.0	-0.1	+0.2
178	+9.5	-0.2	+0.1	0.0	-0.1	+0.1 G
179	+8.7	-0.2	0.0	-0.1	0.0	+0.3 G
180	+3.0	-0.4	+0.1	-0.3	+0.1	+0.3 G
181	-0.4	0.0	0.0	0.0	-0.2	+0.1 G
182	-4.0	-0.3	+0.1	+0.1	-0.3	+0.2 G
183	-2.0	-0.3	+0.1	0.0	-0.1	+0.1 G
184	-2.0	-0.2	+0.1	-0.2	-0.1	+0.3 G
185	-0.2	-0.3	-0.4	+0.2	0.0	-0.5 G
186	-1.4	-0.3	-0.1	0.0	-0.1	+0.4 G
187	-0.5	-0.3	-0.1	+0.5	-0.5	+0.2 G
188	-1.7	-0.3	-0.1	0.0	0.0	0.0 G
189	-1.5	-0.2	0.0	-0.1	0.0	+0.2 G
190	-2.0	-0.2	+3.2	-0.1	0.0	+0.1
191	-1.6	-0.1	+4.6	0.0	-0.1	+0.2
192	-5.3	-0.3	+7.5	+0.3	-0.2	+0.3
193	-11.6	-0.4	+13.3	-6.2	-0.2	+0.2
194	-2.1	-0.3	+10.2	+1.7	+0.1	+0.2
195	-1.0	-0.3	+9.7	+3.4	-3.5	+0.2
196	-0.8	-0.7	+10.4	+18.9 D	-14.9	+0.9
197	+8.6	-0.1	+9.2	+25.5 D	-29.1	+0.1
198	+8.6	-0.2	+14.0	+11.9 D	-14.3	-0.2
199	-1.9	-0.1	+20.2	+15.0 D	-20.6	-0.8
200	+1.7	-0.1	+17.1	+23.2 D	-25.3	-0.1
201	-2.3	-0.2	+21.4	+23.7 D	-28.1	+1.1
Mean	-1.5	+0.1	+5.8	+3.1	-3.2	-0.2

201-STAKE FARM (MAY - JUL. 1982)

(cm in depth)

Period	7	8	9	10	11	12
No.	MAY 14- MAY 31 (17 days)	MAY 31- JUN.16 (16)	JUN.16- JUN.30 (14)	JUN.30- JUL.16 (16)	JUL.16- JUL.31 (15)	JUL.31- AUG.14 (14)
1	+0.2	-0.1	0.0	+0.1	0.0	-0.1
2	+0.7	-0.2	-0.1	+0.3	-0.6	0.0
3	+0.3	-0.3	+0.3	-0.1	0.0	-0.2
4	+0.2	+0.5	-0.5	0.0	0.0	0.0
5	+0.8	-0.6	0.0	+0.2	-0.2	+0.1
6	+0.1	+0.1	+0.3	-0.4	+0.1	+0.2
7	+0.4	-0.5	+0.3	-0.2	+0.1	0.0
8	+0.2	-0.3	+0.4	0.0	0.0	-0.1
9	+3.9	-4.6	+4.4	-2.0	-0.3	+4.2 D
10	+0.5	-0.4	0.0	+0.2	0.0	-0.1
11	+0.8	-0.7	+0.1	0.0	-0.3	+0.1
12	+0.2	+0.6	-0.3	+0.2	-0.6	-0.2
13	+0.3	+0.6	-0.8	+0.2	-0.1	-0.1
14	+0.6	+0.6	-1.0	0.0	+0.1	-0.1
15	+0.1 G	0.0	0.0	0.0	0.0	-0.2
16	-0.2 G	+0.2	-0.2	+0.3	+0.2	-0.1
17	+0.5 G	-0.9	-0.2	+0.3	+0.7	+0.1
18	+1.2	-0.2	+0.2	-0.2	+0.4	-0.3
19	+0.2	-0.2	0.0	+0.1	+0.1	-0.1
20	+0.3	-0.3	0.2	0.0	+0.2	-0.3
21	-0.7	+0.1	-0.3	+0.4	0.0 G	+0.4
22	+0.2	0.0	0.0	-0.1	+0.3 G	0.0
23	+1.5	-0.8	-0.3	0.0	+0.6 G	-0.1
24	+0.4	+0.2	+0.1	0.0	-0.1	+0.1
25	+0.9	+0.2	+0.1	-0.1	+0.2	-0.1
26	+1.2	-0.2	-1.0	0.0	+0.1	0.0
27	+1.0	0.0	0.0	+0.1	-0.2	+0.3
28	+0.1	-0.5	0.0	-0.3	+0.5	-0.1
29	-0.3	-1.7	+0.2	+0.4	-0.1	-0.1
30	-0.5	+0.6	0.0	-0.1	+0.1	+0.1
31	-0.4	+0.7	-0.2	+0.5	-0.3	-0.2
32	-0.7 G	+1.1	-0.3	-0.1	0.0	0.0
33	-0.2 G	+0.4	-0.1	+0.1	0.0	-0.1
34	+0.9	-0.8	+0.1	0.0	-0.1 E	+0.1
35	-0.3	-0.9	+0.5	-0.2	-0.1	0.0
36	+0.1 G	0.0	-0.1	-0.1	+0.1	+0.1
37	+0.2 G	-0.1	0.0	0.0	0.0	0.0
38	+0.5 G	-0.1	-0.4	+0.3	0.0	-0.2
39	+0.9	-0.1	+0.1	-0.3	+0.1	+0.1
40	+0.3	-0.3	+0.2	-0.2	+0.1	+0.1

201-STAKE FARM (MAY - JUL. 1982)

(cm in depth)

Period	7	8	9	10	11	12
No.	MAY 14- MAY 31 (17 days)	MAY 31- JUN.16 (16)	JUN.16- JUN.30 (14)	JUN.30- JUL.16 (16)	JUL.16- JUL.31 (15)	JUL.31- AUG.14 (14)
41	+0.1	-1.5	+0.4	-0.8	+0.3	+0.1
42	+0.5	-0.2	+0.3	-0.4	+0.2	0.0
43	-0.1	0.0	-0.1	-0.9	+0.9	0.0
44	-0.1	-0.1	+0.4	-0.4	+0.2	0.0
45	+0.3	-0.1	0.0	-0.3	+0.3	+0.1
46	-0.1	+0.1	-0.3	+0.1	+0.2	-0.1
47	+0.2	-0.2	+0.1	-0.2	+0.2	-0.1
48	+0.1	0.0	+0.1	-0.2	+0.2	-0.1
49	-0.6	+0.2	+0.4	-0.2	+0.2	-0.1
50	0.0	+0.1 D	0.0	-0.1	+0.4	-0.3
51	-0.3	+1.7 D	-1.4	-0.1	+0.1	-0.3
52	-0.5	+16.0 D	-15.5	0.0	0.0	+1.6 D
53	+0.3	+7.5 D	-7.6	+0.1	+0.2	-0.2
54	+0.2	-0.3	+0.2	0.0	-0.1	+0.1
55	-0.1	-0.1	+0.2	-0.2	+0.1	0.0
56	+0.3	-0.1	+0.1	-0.1	-0.1	+0.2
57	+1.5	-0.6	+0.6	-0.1	-0.5	+0.6
58	-0.1	+0.2	-0.1	-0.1	+0.1	0.0
59	-0.2	+0.3	-0.3	-0.1	+0.6	-0.2
60	+0.1	-0.2	+0.2	-0.1	-0.2	+0.5
61	+0.1	0.0	+0.2	-0.1	+0.2	-0.1
62	+0.5	-2.7	+2.9	-2.8	+0.2	+0.2
63	+1.1	+1.8	-1.9	0.0	+0.1	0.0
64	+2.5	-1.4	+0.1	0.0	-0.1	+0.1
65	+1.9	+1.1	-1.2	-0.2	0.0	0.0
66	+3.3	+0.2	-0.2	+0.3	+0.1	0.0
67	+0.7	+20.3 D	-19.8	-0.1	+0.4	-0.2
68	+0.1	+17.8 D	-17.7	-0.1	-0.1	+0.1
69	+1.0	+14.0 D	-11.7	-2.0	-0.3	+0.1
70	+6.1	+17.8 D	-24.0	0.0	0.0	0.0
71	+1.4	+12.8 D	-12.3	+0.2 D	0.0	-0.6
72	+0.1	+0.1	0.0	-0.3	+0.1	+0.1
73	+0.2	+7.2 E	-7.4	0.0	-0.1	+0.2
74	+0.5	+2.8 E	-2.8	+0.2	-0.4	+0.1
75	+0.4	-0.1	+0.3	-0.3	0.0	+5.6 D
76	+0.1	+0.7	-0.6	-0.2	+0.2	+3.2 D
77	+0.1	+5.5 D	-5.3	-0.2	+0.1	+0.1
78	+0.2	-0.3	+0.4	-0.4	-0.1	+0.4
79	+0.1	0.0	+0.2	-0.2	0.0	+0.3
80	+1.1	-1.0	+0.3	-0.1	-0.2	+0.1

201-STAKE FARM (MAY - JUL. 1982)

(cm in depth)

Period	7 MAY 14- MAY 31 No. (17 days)	8 MAY 31- JUN.16 (16)	9 JUN.16- JUN.30 (14)	10 JUN.30- JUL.16 (16)	11 JUL.16- JUL.31 (15)	12 JUL.31- AUG.14 (14)
81	+1.0	+0.1	-0.7	0.0	+0.1	0.0
82	+0.2	0.0	0.0	-0.1	-0.1	+0.1
83	-0.1	+0.1	0.0	-0.1	0.0	+0.1
84	+6.5 D	-1.3	-5.3	+0.1	0.0	0.0
85	+3.2 D	-3.3	+0.2	-0.2	+0.1	+0.3
86	+1.7 D	-1.8	+0.2	-0.1	-0.1	+0.2
87	+0.6	-0.1	-0.3	+0.1	-0.1	0.0
88	+0.1	+2.1	-1.6	-0.1	0.0	0.0
89	+0.2	+12.6 D	-12.5	-0.2	+0.2	0.0
90	+1.0	+26.0 D	-25.8	-0.2	+0.3	0.0
91	0.0	+31.5 D	-31.0	-0.6	+0.1	+1.0
92	-0.4	+22.2 D	-21.7	-0.1	+0.2	-0.4
93	-0.1	+19.5 D	-19.2	-0.2	+0.1	0.0
94	+0.2	+11.1 D	-11.3	+0.1	+0.2	0.0
95	0.0	+0.5 D	+0.2	-0.7	+0.1	+2.6 D
96	+0.1	+0.2	-0.1	-0.3	+0.2	0.0
97	+0.1	+0.1	+0.1	-0.2	+0.1	0.0
98	-0.1	0.0	0.0	0.0	+0.1	0.0
99	+0.5	-0.1	-0.1	0.0	+0.1	0.0
100	+0.6	-0.1	0.0	0.0	+0.1	0.0
101	+0.1	-0.1	+0.2	-0.1	-0.1	+0.2
102	+0.1	-0.3	+0.4	-0.2	0.0	-0.1
103	-2.1	-1.9	+1.1	-0.2	-1.8	+1.1
104	+0.5	-0.5	+1.0	-1.2	+0.4	-0.1
105	-0.2	-0.5	+0.4	-0.1	-0.2	0.0
106	+0.4	-0.4	+0.3	-0.2	-0.4	-0.1
107	0.0	-2.5	-0.2	+0.3	+0.1	-0.1
108	+0.7	-1.9	-0.3	+0.1	0.0	+0.2
109	+0.2	-0.5	+0.3	-0.1	0.0	0.0
110	+0.2	-0.2	+0.2	-0.1	-0.1	+0.1
111	+0.2	-0.3	+0.1	0.0	-0.1	+0.2
112	+0.1	-0.2	+0.3	-0.3	+0.1	0.0
113	-0.2	+0.3	+0.3	-0.1	+0.1	-0.5
114	+0.1	-10.5	+3.4	-0.1	-0.9	+1.9
115	+0.4	-0.2	+0.2	-0.1	0.0	0.0
116	+2.3	-2.4	+0.1	0.0	0.0	+4.1 D
117	+0.1	-0.2	+0.1	+0.1	0.0	+0.1
118	0.0	-0.5	+0.4	-0.3	+0.4	-0.1
119	-0.4	+0.8	-0.2	+0.2	-0.3	+0.1
120	+2.4	+4.2	+0.2	+0.1	-0.1	+0.1

201-STAKE FARM (MAY - JUL. 1982)

(cm in depth)

	7	8	9	10	11	12
Period	MAY 14- MAY 31	MAY 31- JUN.16	JUN.16- JUN.30	JUN.30- JUL.16	JUL.16- JUL.31	JUL.31- AUG.14
No.	(17 days)	(16)	(14)	(16)	(15)	(14)
121	+15.2	-15.1	+0.1	-0.2	+0.1	0.0
122	+4.9	-5.1	+0.3	-0.1	+0.2	-0.3
123	+0.9	-1.3	+0.4	-0.2	+0.1	0.0
124	+0.9	-0.7	+0.2	-0.5	+0.3	-0.2
125	0.0 G	-0.1	+0.3	-0.3	0.0	+0.1
126	0.0 G	-0.3	+0.4	-0.1	-0.1	0.0
127	0.0 G	+6.9 D	-7.0	+0.7	-0.4	+0.1
128	+0.1 G	+15.8 D	-15.8	-0.1	0.0	+4.3 D
129	-0.2 G	+16.8 D	-16.6	-0.2	-0.1	+0.2
130	-0.1 G	+11.3 D	-11.0	-0.1	0.0	0.0
131	+0.3	-0.7	+0.8	-0.3	+1.3 D	-1.2
132	+6.9	+2.0	-1.7 D	-4.9	+0.4	+4.1 D
133	+0.9	-1.3	+3.5 D	-3.8	+0.5	+6.5 D
134	+0.9	-1.5	+6.8	-6.2	-0.1	+5.7 D
135	-0.1	-0.3	+0.3	-0.1	+0.2	0.0
136	+6.7	-6.5	-0.1	-0.1	+0.1	+0.4
137	+5.8	-0.3	-1.0	-1.4	+1.0	+0.6
138	+3.8	-0.8	+0.7	+0.1	0.0	+5.0 D
139	+2.2	-2.3	-0.1	+0.1	0.0	+4.3 D
140	+3.9	+1.5	-1.8	+0.8	0.0	+3.3 D
141	+3.7	-3.7	+4.9	-5.2	+0.1	+1.2 D
142	+0.5	-0.9	+0.3	-0.2	+0.3	0.0
143	+0.2	-0.1	+0.1	-0.1	+0.2	0.0
144	+0.7	-1.5	+0.9	-1.0	+0.1	+0.7
145	+0.1	-0.1	+0.1	-0.2	+0.1	0.0
146	+0.3	-1.0	+0.4	+0.2	+0.1	-0.1
147	-0.3	+0.3	+0.1	-0.2	0.0	+0.1
148	0.0	+0.3	+0.2	-0.4	+0.2	-0.2
149	-0.1	-1.4	+0.7	0.0	+0.6	0.0
150	-0.1	+0.1	+0.1	-0.1	+0.1	-0.2
151	+2.0	-2.2	-0.1	+0.3	+0.1	+3.3 D
152	0.0	+0.2	-0.2	-0.1	+0.4	+0.3
153	+1.3	+12.9 D	-12.5	-1.9 E	+0.2	-0.1
154	-0.5	+0.1	+0.1	-0.4	+0.1	+6.2 D
155	-0.4	+12.2 D	-12.2	+0.3	+0.2	0.0
156	+0.2	+19.6 D	-19.9	+0.1	+0.2	-0.1
157	+1.5	-1.9	+0.2	+2.8 D	-2.7	+0.5 D
158	0.0	-0.4	-0.2	+5.2 D	-4.8	+0.1
159	+1.3 G	-1.1	+1.2	-0.3	-0.1	0.0
160	-0.4	+0.2	0.0	0.0	0.0	+0.1

201-STAKE FARM (MAY - JUL. 1982)

(cm in depth)

	7	8	9	10	11	12
Period	MAY 14- MAY 31	MAY 31- JUN.16	JUN.16- JUN.30	JUN.30- JUL.16	JUL.16- JUL.31	JUL.31- AUG.14
No.	(17 days)	(16)	(14)	(16)	(15)	(14)
161	-0.8 E	-3.3	-0.6 E	+0.6	+0.3	0.0
162	+2.5 E	-3.1	0.0	0.0	+0.3	0.0
163	-0.3	+0.1	+0.2	-0.2	-0.2	+0.4
164	-0.5	+0.3	+29.9 D	-29.8	-0.1	+0.1
165	+0.2	0.0	0.0	-0.2	+0.3	-0.1
166	-4.9 E	-0.5	+0.1	-0.1	+0.2	+2.8 D
167	-2.8 E	-0.1	-0.6	+0.1	+0.5	-0.6
168	-1.6 E	-1.9	0.0 G	-0.9	+1.0	-1.1
169	-0.2 G	0.0	0.0	0.0	+0.1	+2.9 D
170	+0.3	-0.4	0.0	0.0	+0.1	0.0
171	0.0	-0.1	+0.1	-0.1	+0.2	0.0
172	-0.2	-0.6	+6.5	-6.6	+0.1	0.0
173	-0.1	+0.2	-0.2	-0.1	+0.3	0.0
174	0.0	-0.1	+0.5	-0.4	+0.1	0.0
175	-0.1	-0.1	+0.3	-0.2	+0.1	0.0
176	0.0	0.0	0.0	-0.2	+0.2	0.0
177	+0.2 G	-0.2	-0.1 G	0.0	+0.1	+0.1
178	+0.1 G	-0.2	+0.2 G	-0.2	+0.2	0.0
179	0.0 G	-0.3	+0.1 G	-0.1	+0.2	0.0
180	-0.3 G	0.0	+0.3 G	-0.1	-0.2	0.0
181	+0.1 G	-0.2	+0.4 G	-0.2	+0.1	0.0
182	-0.3 G	-0.4	+0.3 G	-0.2	0.0	+0.3
183	+0.2 G	-0.5	+0.3 G	-0.1	+0.2	0.0
184	-0.1 G	-0.1	+0.1 G	-0.1	+0.1	+0.1
185	+0.6 G	+0.2	-0.3 G	0.0	+0.2	-0.3
186	+0.1 G	-0.3	-0.2 G	+0.3	+0.1	-0.2
187	+0.1 G	+0.1	-0.1 G	-0.1	+0.1	-0.1
188	+0.1 G	-0.2	+0.2 G	-0.1	0.0	+0.1
189	-0.2 G	0.0	0.0 G	+0.1	0.0	-0.1
190	0.0	+0.1	+0.1	0.0	0.0	-0.1
191	+0.1	-0.3	+0.2	-0.1	+0.2	-0.1
192	+0.7	-1.0	+0.4	-0.3	+0.2	0.0
193	+8.1	-7.9	+0.2	-0.1	+0.3	+0.9 D
194	+12.2	-12.3	+0.1	-0.2	+0.1	0.0
195	+5.4	-5.7	+1.9	-1.9	+0.2	-0.1
196	-0.8	0.0	0.0	-0.1	0.0	+0.1
197	+1.4	-0.1	+0.1	-1.6	+0.3	-0.1
198	+2.1	-2.1	+0.4	-0.5	+0.3	+0.2
199	+2.7	-2.4	+10.5 D	-10.3	+0.1	+5.9 D
200	+8.5 D	-8.7	+14.5 D	-14.4	+0.1	+0.3
201	+9.0	-9.9	+26.9 D	-26.6	+0.1	+0.4
Mean	+0.8	+1.0	-1.1	-0.6	0.0	+0.4

201-STAKE FARM (AUG. - OCT. 1982)

(cm in depth)

Period	13 AUG.14- AUG.31 No. (17 days)	14 AUG.31- SEP.15 (15)	15 SEP.15- SEP.30 (15)	16 SEP.30- OCT.15 (16)	17 OCT.15- OCT.31 (16)	18 OCT.31- NOV.15 (15)
1	+0.1	0.0	0.0	+0.1	-0.1	-0.2
2	+0.7	-0.1	0.0	0.0	0.0	0.0
3	+0.1	+0.1	0.0	0.0	-0.1	-0.1
4	+0.1	-0.1	0.0	0.0	0.0	-0.2
5	+0.1	-0.1	+0.1	-0.5	-0.1	+0.5
6	-0.4	+0.2	+0.3	-0.2	0.0	0.0
7	+0.1	0.0	-0.1	+0.1	0.0	-0.2
8	+0.1	+0.1	-0.1	+0.1	-0.1	-0.2
9	-3.8	+0.5	-0.4	-0.1	-0.1	-0.3
10	+0.2	+0.1	+0.1	0.0	-0.1	0.0
11	+0.2	0.0	0.0	+0.4	-0.1	-0.2
12	+0.9	+0.2	-0.3	0.0	-0.2	-0.2
13	+0.1	0.0	+0.1	0.0	-0.1	-0.4
14	+1.1	-0.1	-0.1	-0.1	-0.1	-0.3
15	+0.3	0.0	-0.1	0.0	0.0	-0.4
16	-0.1	-0.1	-0.1	0.0	-0.2	-0.4
17	-0.2	-0.1	0.0	-0.1	-0.1	-0.6
18	+0.3	0.0	0.0	0.0	-0.1	-0.3
19	+0.2	0.0	-0.1	0.0	0.0	-0.2
20	+0.3	0.0	0.0	0.0	-0.1	-0.2
21	-0.9	+0.5	-0.1	+0.1	0.0	-0.2
22	-0.1	0.0	-0.1	0.0	-0.1	-0.1
23	-0.2	+0.1	-0.1	-0.1	-0.1	-0.2
24	+0.2	-0.1	0.0	-0.1	0.0	-0.2
25	+0.2	-0.2	0.0	0.0	-0.1	0.0
26	+0.1	+0.3	-0.3	0.0	0.0	-0.2
27	0.0	+0.1	-0.1	-0.2	-0.1	0.0
28	0.0	-0.1	0.0	0.0	+0.1	0.0
29	+0.1	+0.1	-0.1	0.0	0.0	-0.1
30	+0.1	-0.2	+0.1	-0.1	0.0	-0.1
31	+0.3	-0.2	0.0	0.0	0.0	-0.1
32	+0.3	-0.2	0.0	0.0	0.0	0.0
33	+0.2	-0.1	0.0	0.0	0.0	0.0
34	+0.3	0.0	-0.1	-0.1	0.0	-0.1
35	+0.2	+0.1	0.0	0.0	0.0	-0.1
36	0.0	+0.1	-0.2	0.0	0.0	0.0
37	+0.2	0.0	-0.1	0.0	0.0	-0.1
38	+0.5	-0.4	0.0	0.0	-0.1	-0.1
39	+0.1	0.0	0.0	0.0	0.0	-0.1
40	0.0	0.0	0.0	0.0	-0.1	-0.2

G: Glazed surface, D: Depositinal surface and E: Erosional surface.

201-STAKE FARM (AUG. - OCT. 1982)

(cm in depth)

	13	14	15	16	17	18
Period	AUG.14- AUG.31	AUG.31- SEP.15	SEP.15- SEP.30	SEP.30- OCT.15	OCT.15- OCT.31	OCT.31- NOV.15
No.	(17 days)	(15)	(15)	(16)	(16)	(15)
41	-0.2	+0.4	-0.3	+0.1	-0.1	-0.3
42	+0.2	-0.2	0.0	0.0	-0.1	-0.3
43	+0.1	-0.1	0.0	-0.5	0.0	0.0
44	0.0	0.0	-0.1	0.0	-0.1	-0.1
45	0.0	0.0	-0.1	0.0	-0.1	-0.2
46	+0.3	-0.2	-0.1	0.0	0.0	-0.1
47	+0.2	0.0	-0.1	0.0	-0.1	-0.2
48	+0.2	-0.1	0.0	0.0	-0.1	-0.1
49	+0.3	-0.2	0.0	0.0	-0.1	0.0
50	+0.1	0.0	0.0	-0.1	-0.1	-0.1
51	+0.3	-0.1	-0.1	+0.2	-0.2	0.0
52	-1.6	+0.1	-0.1	0.0	0.0	-0.4
53	+0.4	-0.3	-0.2	0.0	0.0	0.0
54	+0.4	-0.4	-6.0	+5.9	0.0	-0.1
55	+0.1	-0.3	0.0	0.0	0.0	0.0
56	-0.1	+0.1	0.0	0.0	0.0	-0.1
57	0.0	+0.1	-0.1	0.0	0.0	-0.3
58	+0.1	-0.2	0.0	0.0	0.0	-0.5
59	+0.5	-0.3	-0.1	0.0	-0.3	-0.6
60	-0.2	+0.2	-0.1	0.0	0.0	-0.1
61	0.0	-0.1	0.0	0.0	0.0	-0.3
62	0.0	+0.2	-0.1	0.0	0.0	-0.2
63	+0.1	0.0	+10.0 D	-10.0	-0.1	-0.1
64	0.0	+1.0	+5.8 D	-6.7	+2.3 D	-0.8 D
65	+0.1	0.0	+10.5 D	-10.5	-0.1	0.0
66	+0.1	-0.3	+6.2 D	-6.3	+2.3 D	0.0 D
67	0.0	-0.3	+8.6 D	-8.6	0.0	-0.2
68	+0.1	-0.2	+5.3 D	-5.2	0.0	-0.2
69	+0.2	+0.1	+9.8 D	-9.9	+0.7 D	-0.9
70	+0.1	+0.1	+12.3 D	-12.3	+5.3 D	-2.0 D
71	+0.7	-0.2	+7.4 D	-7.4	+0.5 D	-0.7
72	+0.4	-0.2	0.0	-0.1	0.0	-0.4
73	+0.2	-0.2	0.0	-0.1	0.0	-0.1
74	+0.3	-0.2	-0.1	0.0	-0.2	-0.2
75	-5.5	0.0	0.0	0.0	-0.1	-0.1
76	-3.2	0.0	0.0	0.0	-0.1	-0.2
77	0.0	-0.2	0.0	-0.2	-0.2	-0.1
78	-0.3	0.0	0.0	0.0	-0.1	0.0
79	0.0	-0.1	-0.1	0.0	0.0	-0.1
80	+0.2	+0.1	0.0	0.0	-0.3	-0.2

G: Glazed surface, D: Depositinal surface and E: Erosional surface.

201-STAKE FARM (AUG. - OCT. 1982)

(cm in depth)

Period	13 AUG.14- AUG.31 No. (17 days)	14 AUG.31- SEP.15 (15)	15 SEP.15- SEP.30 (15)	16 SEP.30- OCT.15 (16)	17 OCT.15- OCT.31 (16)	18 OCT.31- NOV.15 (15)
81	+0.1	-0.1	0.0	0.0	0.0	-0.1
82	+0.2	-0.1	0.0	0.0	0.0	-0.2
83	0.0	0.0	-0.1	0.0	0.0	-0.1
84	0.0	+0.1	+0.1	0.0	-0.2	-0.1
85	-0.1	0.0	0.0	0.0	-0.1	-0.1
86	+0.1	0.0	0.0	0.0	-0.1	-0.1
87	+0.5	-0.3	0.0	0.0	0.0	-0.1
88	+0.2	-0.3	+0.1	0.0	-0.3	-0.3
89	+0.1	-0.2	0.0	0.0	-0.3	0.0
90	+0.1	-0.2	0.0	0.0	-0.1	-0.2
91	-0.8	-0.1	+4.2 D	-4.2	-0.1	-0.1
92	+0.4	-0.1	+0.5 D	-0.5	-0.2	-0.1
93	+0.1	-0.1	+6.8 D	-6.8	0.0	-0.1
94	0.0	-0.1	+5.9 D	-5.9	0.0	-0.1
95	-2.3	-0.3	+7.1 D	-7.1	-0.1	-0.1
96	+0.2	-0.2	+7.4 D	-7.4	-0.2	-0.1
97	+0.1	-0.1	+9.9 D	-9.9	0.0	-0.2
98	0.0	0.0	+14.1 D	-14.1	0.0	-0.1
99	+0.1	0.0	+11.8 D	-11.8	-0.2	0.0
100	0.0	0.0	+5.0	-5.0	-0.1	-0.1
101	+0.7	-0.7	0.0	0.0	-0.1	-0.1
102	+0.3	-0.3	-0.1	+0.1	0.0	-0.2
103	+0.1	-0.2	0.0	0.0	-0.3 E	-1.5 E
104	0.0	-0.2	0.0	-0.1	0.0	0.0
105	+0.2	0.0	0.0	-0.1	-0.1	-0.2
106	+0.1	-0.1	-0.1	0.0	0.0	-0.2
107	-0.1	-0.1	0.0	0.0	0.0	-0.1
108	+0.2	-0.4	-0.1	-0.1	+0.1	-0.1
109	+0.2	-0.1	-0.1	0.0	0.0	0.0
110	+0.1	-0.1	0.0	0.0	0.0	0.0
111	0.0	-0.2	0.0	0.0	0.0	-0.1
112	+0.3	-0.3	0.0	0.0	0.0	-0.1
113	+0.5	0.0	0.0	0.0	0.0	-0.1
114	-1.7	+2.3 D	-2.3	0.0	+2.1 D	-2.2
115	+0.2	-0.2	0.0	0.0	-0.1	-0.3
116	-4.1	0.0	0.0	0.0	0.0	-0.1
117	+0.1	-0.1	0.0	0.0	0.0	-0.1
118	+0.2	-0.3	-0.1	0.0	0.0	0.0
119	0.0	0.0	+4.0 D	-4.0	0.0	-0.1
120	+0.1	+0.3	-0.5	0.0	0.0	0.0

G: Glazed surface, D: Depositinal surface and E: Erosional surface.

201-STAKE FARM (AUG. - OCT. 1982)

(cm in depth)

Period	13 AUG.14- AUG.31 No. (17 days)	14 AUG.31- SEP.15 (15)	15 SEP.15- SEP.30 (15)	16 SEP.30- OCT.15 (16)	17 OCT.15- OCT.31 (16)	18 OCT.31- NOV.15 (15)
121	+0.2	-0.1	0.0	0.0	0.0	-0.1
122	0.0	+0.1	-0.1	0.0	0.0	-0.1
123	+0.1	0.0	-0.1	0.0	0.0	-0.1
124	+0.5	-0.5	0.0	0.0	0.0	-0.2
125	+0.3	-0.4	+0.1	0.0	0.0	-0.1
126	+0.2	-0.2	+0.1	-0.1	0.0	-0.1
127	0.0	-0.2	+0.1	0.0	0.0 D	-0.3
128	-4.1	-0.1	-0.1	0.0	+1.6 D	-1.6
129	+0.1	-0.2	0.0	0.0	0.0	-0.1
130	+0.1	-0.1	+0.1	0.0	0.0	-0.1
131	+0.2	0.0	-0.4	+0.4	0.0	-0.1
132	-3.9	-0.1	-0.4	0.0	+0.3 D	+1.5 D
133	-5.8	+3.7 D	-4.2	-0.6	+2.8 D	-2.7
134	-5.4	-0.2	+0.1	-0.1	0.0	-0.1
135	+0.3	+3.4 D	-3.8	0.0	+1.3 D	-1.4
136	-0.3	-0.1	+0.1	0.0	0.0	-0.2
137	-0.3	-0.6 D	-1.0	0.0	0.0	0.0
138	-4.8	-0.1	-0.1	0.0	+1.9 D	-1.3
139	-4.2	-0.2	+1.8 D	-1.5	+1.5 D	+3.2 D
140	-3.8	+0.3	0.0	0.0	0.0	-0.2
141	-1.2	0.0	+4.9 D	0.0	-3.6 D	-1.3
142	+0.1	0.0	-0.1	0.0	0.0	-0.1
143	0.0	0.0	-0.1	0.0	0.0	-0.2
144	+0.5	-0.2	-0.8	-0.1	+0.3 D	-0.1
145	+0.1	0.0	0.0	0.0	-0.1	-0.3
146	+0.2	0.0	-0.1	0.0	0.0	-0.1
147	+0.2	-0.1	-0.2	0.0	+0.1	-0.1
148	+0.2	-0.3	+0.2	0.0	-0.1	0.0
149	+0.3	0.0	-0.8	-0.1	+0.6 E	-0.1 E
150	+0.2	-0.3	+0.2	0.0	0.0	-0.2
151	-3.4	+0.1	-0.1	0.0	0.0	-0.2
152	-0.2	-0.5	+0.1	0.0	-0.1	-0.1
153	-0.3	+0.5	-0.4	0.0	0.0	0.0
154	-5.8	+0.1	-0.3	0.0	0.0	-0.2
155	+0.1	0.0	0.0	-0.1	0.0	-0.3
156	0.0	+0.1	-0.1	0.0	0.0	+0.6 D
157	-0.3	-0.2	0.0	+0.1	+0.1	0.0
158	-1.4	-0.2	+0.4	-0.1	0.0	-0.2
159	-0.3	+0.5	-0.1	0.0	+0.2 D	0.0
160	+0.2	-0.3	0.0	0.0	0.0	-0.1

G: Glazed surface, D: Depositinal surface and E: Erosional surface.

201-STAKE FARM (AUG. - OCT. 1982)

(cm in depth)

Period	13	14	15	16	17	18
No.	AUG.14- AUG.31 (17 days)	AUG.31- SEP.15 (15)	SEP.15- SEP.30 (15)	SEP.30- OCT.15 (16)	OCT.15- OCT.31 (16)	OCT.31- NOV.15 (15)
161	-0.2	+0.5	-0.5	0.0	0.0	0.0
162	+0.1	-0.1	-0.1	0.0	0.0	-0.2
163	+0.1	-0.1	-0.2	0.0	+0.1	-0.2
164	+0.1	-0.2	0.0	0.0	-0.1	-0.1
165	0.0	0.0	-0.1	0.0	0.0	-0.1
166	-2.8	+1.4 D	-1.6	0.0	+1.4 D	-1.5
167	+0.4	+0.1	-0.1	0.0	-0.2	+0.3
168	-0.1	-0.2	+0.3	0.0	+0.5 D	0.0
169	-2.6	-0.3	-0.1	+0.1 D	+0.1 D	-0.1
170	0.0	0.0	-0.1	0.0	0.0	-0.1
171	+0.1	-0.2	-0.1	0.0	0.0	-0.2
172	0.0	-0.1	0.0	0.0	0.0	-0.3
173	0.0	-0.1	-0.1	0.0	-0.1	-0.3
174	+0.2	-0.2	-0.1	0.0	+0.1	-0.2
175	+0.2	-0.2	-0.1	0.0	-0.1	-0.3
176	+0.1	-0.1	-0.1	0.0	0.0	-0.3
177	0.0	+0.4 D	-0.6	0.0	+1.9 D	-1.7
178	+0.1	-0.1	-0.1	0.0	+0.1	0.0
179	+0.1	-0.1	0.0	0.0	0.0	-0.1
180	-0.1	+0.3	0.0	0.0	0.0	-0.2
181	+0.1	-0.1	0.0	0.0	0.0	0.0
182	-0.3	+0.3 D	-0.2	0.0	+0.7 D	-0.7
183	+0.1	-0.1	-0.1	0.0	+0.1	-0.1
184	0.0	0.0	0.0	0.0	0.0	-0.1
185	+0.3	-0.3	0.0	0.0	0.0	-0.1
186	+0.1	-0.1	0.0	0.0	-0.1	-0.1
187	+0.1	-0.2	+1.8 D	-1.8	0.0	0.0
188	-0.1	+0.1	+6.0 D	-6.0	+0.1	-0.1
189	+0.3	-0.2	+12.3 D	-12.3	0.0	-0.1
190	+0.4	-0.4	+1.2 D	-1.2	+8.6 D	-1.3 D
191	+0.2	-0.1	0.0	0.0	+1.6 D	-0.4 D
192	+0.1	+0.4	-0.1	0.0	+0.1	-0.2
193	-1.3	+2.1 D	-1.8	0.0	+0.1	-0.1
194	+0.2	-0.2	-0.1	0.0	+0.1	0.0
195	+0.2	-0.2	+3.3 D	-3.3	0.0	-0.1
196	+0.1	-0.2	-0.1	+0.1	0.0	-0.1
197	-0.1	-0.1	-0.2	+0.1	+0.5 D	-1.4
198	-0.2	0.0	-0.1	0.0	+0.2 D	-0.2
199	-5.9	-0.1	-0.1	0.0	+2.6 D	-1.3 D
200	-0.2	-0.2	0.0	0.0	0.0	-0.3
201	-0.5	+0.1	-0.1	-0.1	0.0	0.0
Mean	-0.3	0.0	+0.8	-0.9	+0.2	-0.2

201-STAKE FARM (NOV. 1982 - JAN. 1983)

(cm in depth)

Period	19 NOV.15- NOV.30 (15 days)	20 NOV.30- DEC.15 (15)	21 DEC.15- DEC.31 (16)	22 DEC.31- JAN.15 (15)	23 JAN.15- JAN.31 (16)	Total DEC.31- JAN.31 (396)
No.						
1	-0.2	-0.5	-0.7	-1.0	-1.0	-4.9
2	-0.8	-0.4	-1.0	-1.2	-0.9	-4.9
3	-0.3	-0.8	-1.0	-1.6	-2.3	-6.8
4	-0.6	-1.0	-1.5	-3.0	-3.0	-12.9
5	-0.2	-0.6	-1.6	-3.3	-1.0	-8.1
6	-0.3	+0.2 D	-0.8	-0.7	+0.5	+2.8
7	-1.1	-2.7	-2.9	-1.6	-1.5	-5.9
8	-2.7	-0.3 D	+0.5 D	-1.1	0.0	+2.1
9	-0.3	+4.1	-0.8	-1.1	+0.9	-3.5
10	-1.5	-0.6 D	-1.5	-1.9	+0.7	-7.2
11	-0.7	-1.5	-1.5	-2.2	+0.6	-8.7
12	+0.1 D	-1.7	-1.3	-1.5	+0.3	-6.0
13	-0.8	-0.9	-1.4	-2.1	-0.1	-6.9
14	-0.7	-0.9	-1.4	-1.2	-1.1	-6.8
15	-0.7	-1.0	-1.3	-1.4	-1.3	-4.7
16	-0.6	-0.9	-1.2	-1.4	-1.0	-7.4
17	-0.7	-0.8	-0.5	-1.3	-1.0	-6.9
18	-0.6	-1.0	-1.4	-1.1	-1.0	-7.5
19	-0.6	-0.9	-1.2	-1.3	-0.7	-6.8
20	-0.7	-0.6	-1.3	-1.3	-0.8	-7.2
21	-0.6	-0.6	-0.8	-1.2	-2.3	-7.3
22	-0.4	-0.4	-0.5	-1.3	-1.4	-5.9
23	-0.7	-0.5	-0.9	-1.3	-1.0	-6.7
24	-0.5	-0.7	-1.3	-0.8	-1.9	-6.9
25	-1.0	-0.3	-1.8	-0.9	-1.2	-6.0
26	-0.9	-0.4	-1.6	-1.3	-1.7	-7.0
27	-5.4 D	-4.2	-1.5	-1.1	-1.4	-7.3
28	+3.5 D	-7.3	-1.8	-0.8	-2.3	-6.6
29	+1.6 D	-8.0	-1.5	-1.7	-1.6	-6.5
30	+4.0 D	-5.7	-1.6	-0.7	-1.2	-4.6
31	+0.5 D	-2.3	-1.9	-0.8	-1.6	-7.0
32	-0.9	-0.7	-2.1	-0.8	-2.0	-7.1
33	-0.8	-0.6	-1.8	-0.9	-1.3	-6.6
34	-1.0	-0.3	-1.6	-0.8	-3.4	-7.8
35	-1.5	-0.6	-0.9	-1.7	-2.3	-7.5
36	+8.9	-10.4	-2.1	+0.4	-1.3	-5.3
37	-0.5	-0.8	-1.4	-0.7	-1.2	-5.4
38	-0.4	-0.7	-2.0	-0.1	-1.4	-6.0
39	-0.7	-0.9	-2.3	+0.1	-1.9	-4.9
40	-0.5 D	-3.2 D	-2.7	-0.3	-1.3	-4.8

201-STAKE FARM (NOV. 1982 - JAN. 1983)

(cm in depth)

Period	19	20	21	22	23	Total
No.	NOV.15- NOV.30 (15 days)	NOV.30- DEC.15 (15)	DEC.15- DEC.31 (16)	DEC.31- JAN.15 (15)	JAN.15- JAN.31 (16)	DEC.31- JAN.31 (396)
41	-0.8 D	-4.4 D	-3.0	+0.1	-0.5	-3.2
42	-1.9 D	-2.1 D	-4.3	-0.6	-2.0	-4.9
43	-0.5	-1.7	-3.5	-0.9	-0.2	-1.9
44	-2.5	-1.1	-1.7	-3.1	-1.5	-5.4
45	-2.4	-0.7	-0.6	-0.9	-3.4	-5.0
46	-2.3	-3.3	-1.3	-0.7	-0.9	-3.2
47	-0.9	-2.1	-1.4	-4.8	-0.7	-0.3
48	-1.6	-2.8	-1.5	-6.2	-1.1	+2.1
49	-0.6	-3.7	-1.8	-5.0	+1.7	-0.3
50	-1.5	-1.3	-2.7	-2.3	+4.0	+2.3
51	-1.1	-1.9	-1.1	-0.8	-0.9	-3.9
52	-1.1	+0.5 D	-1.3	-5.4	-1.2	-5.4
53	-1.2	-0.3 D	-2.0	-1.0	-2.5	-2.1
54	-0.5	0.0 D	-2.2	-6.1	-1.6	-1.9
55	-2.6	+1.3 D	-3.0	-5.8	+0.4	-2.1
56	-1.0	+2.3 D	-0.4	-0.7	-0.8	+5.2
57	-0.6	-0.7	-1.2	-0.7	-3.2	+6.3
58	-2.3	+1.2 D	-0.9	-0.9	-3.0	-2.5
59	-1.8	+0.2 D	-3.0	+0.6	-0.4	+3.9
60	-1.5	+1.8 D	-1.1	-0.9	-1.9	+4.2
61	-0.4	-0.9	-1.3	-1.9	+0.1	+8.4
62	-0.4	+1.8 D	-0.7	-1.0	-0.9	+7.7
63	-0.3	+5.0 D	-0.7 G	-0.9 G	-0.6	+8.9
64	-1.6	+5.2 D	-0.7 G	-0.9 G	-0.6	+7.6
65	-0.7	+6.4 D	-0.7 G	-0.7 G	-0.3	+9.3
66	-2.4	-1.3	-2.2	-0.8	-2.4	+2.0
67	-0.8	-0.6 D	-1.9	-3.0	+6.5	+9.6
68	-0.2	-2.1 D	+7.7	-13.4	+0.3	+4.0
69	-0.3	-1.1 D	-1.3	-0.8	-1.0	+3.1
70	-3.5	+1.6 D	+0.4	0.0	+1.9	+5.7
71	-6.9 D	+0.8 D	-0.5	+9.3	-0.8	+8.2
72	-0.4	-0.9	-2.4	-2.2	+3.9	+12.5
73	-2.9	-0.4	-2.0	-3.6	+8.1	+8.0
74	-1.5	-6.1	+1.1 D	+0.9	+1.5	+9.4
75	-0.3	-1.9	-1.4	+2.1	-0.7	+5.2
76	-0.5	-0.8	-1.6	0.0	-3.7	+12.9
77	-2.2	-0.7 D	-7.4	-4.0	+4.9	+12.7
78	-2.3	-1.3	-1.2	-0.6	-0.9	+8.2
79	-2.9	-8.9	-0.5	-1.9	-0.9	-4.8
80	-1.1	-11.4 D	-2.5	-0.1	+1.1	-1.6

201-STAKE FARM (NOV. 1982 - JAN. 1983)

(cm in depth)

Period	19	20	21	22	23	Total
No.	NOV.15- NOV.30 (15 days)	NOV.30- DEC.15 (15)	DEC.15- DEC.31 (16)	DEC.31- JAN.15 (15)	JAN.15- JAN.31 (16)	DEC.31- JAN.31 (396)
81	-3.9	-1.7	+1.3	-3.6	+3.6	+4.5
82	+1.8 D	0.0	-1.9	-0.5	-5.7	+0.5
83	-2.1	-4.2	-0.9	-0.6	-0.6	-7.4
84	-1.3	-1.7	-1.3	-0.8	-0.9	-4.0
85	-0.6	-0.5	-0.5	-1.1	-0.5	+4.2
86	-0.7	-1.1	-6.2	-1.6	+0.1	-6.6
87	-0.1 D	-3.3 D	+0.3 D	-1.9	-3.4	-4.4
88	+3.4 D	-6.2 D	-4.4	-4.8	+0.6	-5.7
89	+5.9 D	-5.6	-1.2	-8.3	-1.5	-3.4
90	+4.0 D	-5.1 D	-1.3	-0.5	-0.7	+6.8
91	+1.6 D	-2.1	-1.0	-4.7	-1.0	-9.8
92	-1.2	-0.1 D	-4.9	-3.2	-3.1	-11.5
93	-0.6	+2.4 D	-1.1	-0.6	-4.2	-5.6
94	-1.2	+5.7 D	-0.6	-0.7	-0.5	+1.6
95	-1.7	0.0 D	-7.1	-2.1	-1.5	-3.5
96	-0.8	+1.1 D	-2.1	-6.0	-0.5	-2.6
97	-2.8	+4.9 D	-1.7	-7.9	-2.0	-3.7
98	-0.2	+6.6 D	-2.0	-4.9	-4.5	-2.8
99	-1.4	+1.8 D	-2.6	-4.2	-4.0	-6.6
100	-0.3	+0.3 D	-0.6	-6.8	-1.8	-3.9
101	-1.5	-1.1	-4.3	-1.9	-1.3	-4.2
102	-0.8	-1.1	-4.4	-2.0	-4.2	+5.5
103	-0.8 E	+0.6 D	-1.1	-1.6	-3.0	+10.5
104	-0.2	-0.5	-0.6	-1.3	-0.6	+11.8
105	-1.0	-0.6	-1.7	-1.4	-5.1	+16.8
106	-1.5	-1.4	-1.1	-1.1	-3.8	-3.1
107	-1.8	-1.7	-2.7	-1.6	-1.7	+3.3
108	-1.1	-1.1	-1.5	-1.3	-1.4	-1.5
109	-1.8	-5.5	-2.0	-2.2	+10.3	+2.7
110	-0.4	-3.2	-0.9	-1.4	+7.0	+1.5
111	-1.3	-5.1	-1.8	-1.4	+4.5	+0.9
112	-1.1	+0.3 D	-1.6	-1.7	-1.2	-6.1
113	-0.6	-0.1 D	-1.2	-1.1	-2.6	-8.0
114	-0.9	+5.5 D	-5.8	-3.5	-2.5	-10.1
115	-1.0	-0.5	-2.4	-7.1	-0.3	-3.6
116	-0.7	0.0 D	-1.4	-1.3	-1.0	-8.3
117	-0.8	-0.2	-1.0	-1.1	-1.3	-6.9
118	-1.5	-2.4	-1.0	-1.2	-1.6	-7.2
119	-0.6	-2.1 D	-4.4	-0.4	-1.5	-5.4
120	-0.8	-0.6	-1.1	-1.4	-1.2	+0.3

201-STAKE FARM (NOV. 1982 - JAN. 1983)

(cm in depth)

Period	19 NOV.15- NOV.30 No. (15 days)	20 NOV.30- DEC.15 (15)	21 DEC.15- DEC.31 (16)	22 DEC.31- JAN.15 (15)	23 JAN.15- JAN.31 (16)	Total DEC.31- JAN.31 (396)
121	+1.4 D	-6.0	-1.5	-0.9	-0.8	-5.0
122	-0.6	-0.8	-4.2	-2.2	-3.6	-13.6
123	-0.2	-0.5	-0.9	-1.1	-1.1	-6.0
124	-0.9	-0.5	-1.2	-1.5	-3.6	-10.9
125	-0.6	-0.8	-1.2	-1.3	-4.7	-12.4
126	-0.4	-0.7	-1.7	-1.6	-3.6	-10.6
127	-0.4	+4.2 D	-1.4	-3.8	-1.7	-5.9
128	-0.3	+4.5 D	-1.7	-3.0	-7.1	-11.6
129	-0.4	+0.2 D	-1.2	-1.1	-1.0	-8.2
130	-0.4	-0.6	-1.1	-1.4	-6.7	-12.1
131	-0.7	+2.3 D	-0.4	-0.8	-0.4	-3.3
132	-1.7	+5.2 D	-0.8	-0.7	-0.9	+0.3
133	-0.3	-0.3	-0.3	-1.1	+6.8	+5.2
134	-0.5	+3.1 D	-0.8	-0.7	+3.8	+7.8
135	-1.8	+3.5 D	-0.8	-0.7	-0.5	+4.6
136	-1.6	+4.9 D	-1.1	-0.9	-1.1	+2.0
137	+0.2 D	+1.1 D	-0.8	-0.7	-0.6	-1.0
138	-0.4 D	-1.3	-1.4	-4.4	+3.4	+2.6
139	-2.7	+6.9 D	-1.4	-1.3	-1.8	+2.7
140	-1.1	+5.4 D	-1.1	-1.0	0.0	+5.1
141	-0.2	+5.9 D	-1.3	-0.9	+2.7	+2.7
142	-0.4 D	-2.8	-1.2	-1.3	+11.9	+5.2
143	-0.8	-0.6	-1.3	-2.1	+5.6	+7.6
144	0.0 D	-1.5	-1.3	-1.4	+1.9	+3.5
145	-1.6	-1.0	-1.1	-1.9	-3.2	-20.1
146	-2.3	-1.7	-1.1	-1.8	-3.7	-11.3
147	-0.6	-8.4	-1.1	-1.5	-1.8	+1.4
148	-1.1	-2.5	-0.9	-2.1	-3.0	-10.5
149	-0.4 E	-9.2	-0.9	-2.8	-2.6	-9.3
150	-1.6	-0.5 D	-8.3	-2.6	-0.2	-5.1
151	-0.3	+0.2 D	-4.1	-2.0	-3.0	-3.6
152	-0.7	+1.6 D	-0.7	-0.7	-0.9	+1.3
153	-1.5	+11.1 D	-0.8 G	-0.8 G	-0.7	+8.5
154	-2.8	+14.9 D	-0.9 G	-0.8 G	-1.1	+16.9
155	-0.7	+2.2 D	-0.9	-1.2	-3.1	-5.7
156	-1.7	-4.5	-0.6	+1.9 D	+5.9	-5.0
157	-0.9	-0.4	-0.7	+2.5 D	+3.9	+3.1
158	-0.6	-0.2	0.0 D	+0.1 D	+1.8	-0.6
159	-0.4	-0.8	+1.2 D	-0.9	-1.4	+13.0
160	-0.4	-0.3	-1.0	-0.9	+3.0	+8.9

201-STAKE FARM (NOV. 1982 - JAN. 1983)

(cm in depth)

Period	19 NOV.15- NOV.30 No.	20 NOV.30- DEC.15 (15)	21 DEC.15- DEC.31 (16)	22 DEC.31- JAN.15 (15)	23 JAN.15- JAN.31 (16)	Total DEC.31- JAN.31 (396)
	(15 days)					
161	-1.5	-1.4	-1.9	-1.7	-3.2	+3.8
162	-0.5 D	-4.4	-0.8	-0.8	+3.9	+11.3
163	-0.3	+0.1	-1.5	-4.5	-1.7	-0.5
164	-1.6	-1.6	-1.3	-1.4	-1.0	-5.8
165	-2.6	+0.8 D	-6.5	-2.3	-0.9	-2.5
166	-2.3	-1.9	+9.4 D	-1.6	-1.8	+4.6
167	-1.9 D	-2.0	-4.8	0.0 D	-2.8	-3.4
168	-0.6	-1.6	-2.9	-3.8	-1.0	-3.5
169	-0.7	0.0 D	-1.1	-1.4	-1.1	-10.5
170	+0.5 D	-5.5 D	-1.2	-1.8	-2.3	-7.4
171	-0.8	-3.3	-5.1	-1.6	-4.6	-6.6
172	-0.3	-5.3	-0.7	-0.6	-0.9	+5.0
173	-3.7	-2.8 D	-0.7	-1.3	-9.1	-1.9
174	-0.8	+4.2	-4.3	-2.9	-5.0	-2.7
175	-2.3	+0.5 D	-1.1	-1.6	-7.5	-1.3
176	-1.6	-1.0	-5.1	-1.5	-2.5	+4.2
177	+0.6 D	-0.7 D	-0.7 G	-1.1 G	-0.9	+10.1
178	-0.3 G	-0.4 G	-0.9 G	-0.7 G	-0.6	+6.6
179	-0.4 G	-0.7 G	-1.0 G	-0.7 G	-0.9	+4.8
180	-0.4 G	-0.9 G	-0.8 G	-1.1 G	-1.3 G	-2.0
181	-0.5	-0.3 G	-1.3	-2.1	-2.0	-6.5
182	-0.1	-1.7	-1.0	-1.9	-0.7	-9.5
183	-0.4	-0.8	-2.3	-7.8	+0.3	-13.2
184	-0.4 G	-1.2 G	-1.1 G	-1.4 G	-1.3	-7.6
185	-0.6 G	-0.5 G	-1.1 G	-1.3 G	-1.4	-5.8
186	-0.6 G	-0.7 G	-1.4 G	-1.0 G	-1.6	-7.2
187	-0.6 G	-1.0 G	-1.3 G	-1.3 G	-1.9	-6.9
188	-0.4 G	-0.8 G	-1.2 G	-1.2 G	-1.4	-7.0
189	-0.4 G	-0.6 G	-1.1 G	-1.0 G	-1.5	-6.4
190	-7.3	-0.4	-4.4	-1.3	-2.3	-7.3
191	-1.3	-4.8 G	-1.0 G	-1.2 G	-0.9	-4.9
192	-0.6	-7.7	-1.3	-1.5	+1.0	-7.5
193	-0.7	-5.2	-2.3	-1.3	-0.9	-14.8
194	-1.0	-0.7	-2.2	-2.4	-2.2	+1.2
195	-1.9	-7.8	-0.6	-1.0	-2.7	-5.8
196	-3.9	-6.0	+1.8	-6.0	-1.5	-2.8
197	-1.2	-0.3 D	-3.8	-1.0	-1.4	+5.3
198	-0.3 D	-1.6	-5.5	-3.2	+0.7	+10.0
199	-1.4	+0.9 D	-1.7	-1.3	-13.2	-3.2
200	-2.7	-2.2	-4.8	-4.0	-1.4	+1.0
201	-2.1	-2.7 D	-3.2	-1.0	-8.4	-2.5
Mean	-0.9	-0.8	-1.6	-1.7	-1.0	-1.8