

Technical Report No. 283
A SUMMARY OF FOURTEEN SITE YEARS
OF BELOWGROUND HERBAGE BIOMASS DATA
PART II

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GRASSLAND BIOME
U.S. International Biological Program

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ABSTRACT

Fourteen site years of US/IBP Grassland Biome biomass data are screened, corrected, and described in a time series fashion by both graphical and statistical means. Impossible values, i.e., negative biomass, were corrected and missing or deleted data were inserted to complete the data sets. Analyses were done at the treatment level by sampling date with all root core data for all replicates for the treatment being pooled to obtain treatment means and variances.

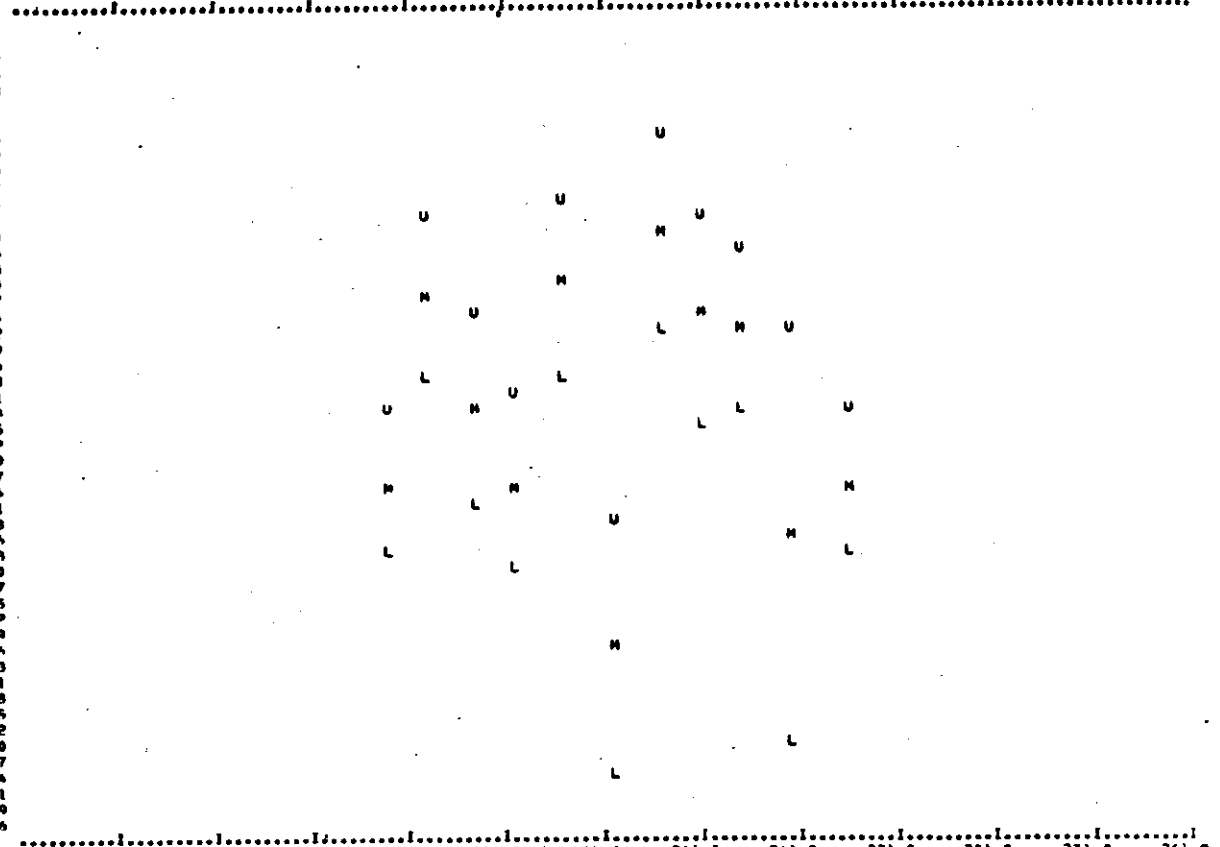
CHAPTER 7. BELOWGROUND HERBAGE BIOMASS DATA FROM THE
PAWNEE SITE, COLORADO

7.1 Data for 1970

7.1.1 Treatments 1, 2, 3, and 4

Belowground herbage biomass on the Pawnee Site was sampled on four grazing treatments and an environmental stress area during the 1970 season. The sampling on treatments 1, 2, 3, and 4 was done on each of two replicates for 11 sampling dates during the season. Nine of these sampling dates were only 0 to 10 cm level samples while two of the sampling dates were by 10 cm increments down to 20 cm and 20 cm increments thereafter down to 80 cm. The crown material for this site was irretrievably lumped into the 0 to 10 cm level increment period. All data were reported on an ash-free weight basis. Very few problems were encountered with this data set and it remains visually identical to the original archival data set.

1548.44
 1519.71
 1498.98
 1478.26
 1457.53
 1436.80
 1416.08
 1395.35
 1374.62
 1353.89
 1333.17
 1312.44
 1291.71
 1270.98
 1250.25
 1229.53
 1208.80
 1188.07
 1167.34
 1146.62
 1125.89
 1105.16
 1084.43
 1063.71
 1042.98
 1022.25
 1001.52
 980.79
 960.07
 939.34
 918.61
 897.88
 877.16
 856.43
 835.70
 814.97
 794.25
 773.52
 752.79
 732.06
 711.33
 690.61
 669.88
 649.15
 628.42
 607.70
 586.97
 566.24
 545.51
 524.78
 504.06



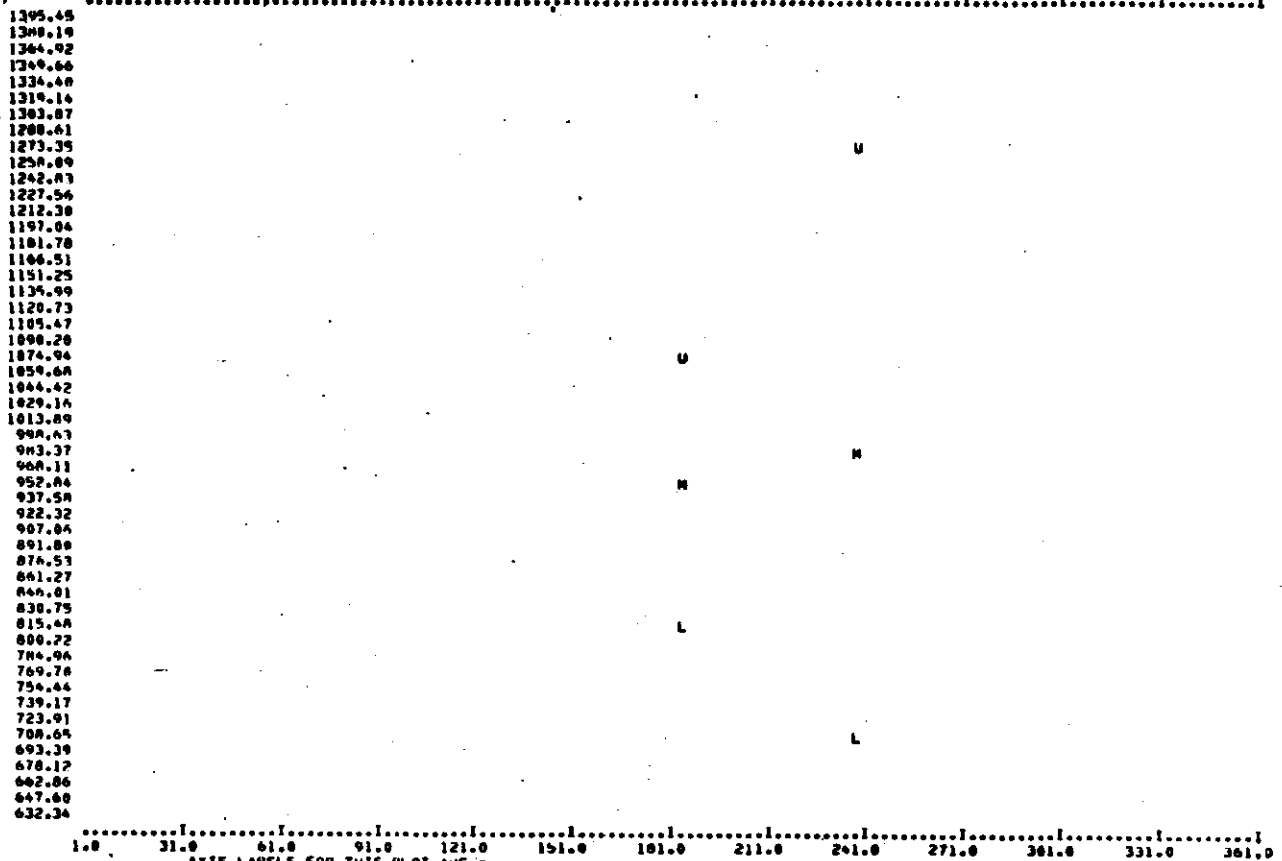
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 1 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
114	79	947.98	48.93	1.97	851.74	1044.06
170	46	1196.52	51.94	1.99	1093.33	1299.71
142	42	1034.54	62.21	1.99	910.58	1158.50
155	48	943.82	56.25	1.98	832.22	1055.42
170	40	1201.79	57.50	1.98	1087.70	1315.88
183	16	724.51	77.34	2.13	560.06	888.95
198	40	1277.50	61.95	1.98	1154.59	1400.40
210	40	1162.75	67.70	1.98	1028.44	1297.06
224	40	1147.24	54.23	1.98	1039.64	1254.84
238	15	873.10	123.22	2.14	609.16	1137.03
255	48	944.63	48.65	1.98	848.12	1041.15



THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRT 1 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183 *	16	946.88	63.06	2.13	812.82	1080.93
238 *	16	985.59	132.09	2.13	702.68	1268.59

*Sequence missing 10 cm of core length.

1888.38
 1782.68
 1764.99
 1747.38
 1729.61
 1711.91
 1694.22
 1676.53
 1658.84
 1641.14
 1623.45
 1605.76
 1588.07
 1570.37
 1552.68
 1534.99
 1517.30
 1499.60
 1481.91
 1464.22
 1446.53
 1428.83
 1411.14
 1393.45
 1375.75
 1358.06
 1340.37
 1322.68
 1304.99
 1287.29
 1269.60
 1251.91
 1234.21
 1216.52
 1198.83
 1181.14
 1163.44
 1145.75
 1128.06
 1110.37
 1092.67
 1074.98
 1057.29
 1039.60
 1021.90
 1004.21
 986.52
 968.83
 951.13
 933.44
 915.75

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M 50) FOR 0- 60 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 1 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M 50)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183 *	16	1321.47	73.50	2.13	1165.18	1477.76
238 **	16	1327.10	145.60	2.13	1017.90	1636.71

*Sequence missing 70 cm of core length
 **Sequence missing 50 cm of core length

2303.54
 2310.03
 2290.10
 2203.37
 2230.05
 2209.92
 2103.19
 2150.47
 2129.74
 2103.01
 2074.29
 2049.56
 2022.03
 1990.11
 1969.30
 1942.44
 1914.97
 1889.20
 1867.47
 1835.74
 1809.02
 1782.29
 1755.56
 1728.84
 1702.11
 1675.39
 1648.66
 1621.93
 1595.20
 1568.48
 1541.75
 1515.02
 1488.30
 1461.57
 1434.84
 1408.12
 1381.39
 1354.66
 1327.94
 1301.21
 1274.48
 1247.76
 1221.03
 1194.30
 1167.54
 1140.84
 1114.17
 1087.44
 1060.67
 1033.94
 1007.22

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SOI) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 1 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SOI)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
173 *	16	1028.75	235.97	2.13	1127.01	2130.50
230 **	16	1451.48	150.30	2.13	1119.13	1783.82

*Sequence missing 110 cm of core length
 **Sequence missing 70 cm of core length

374.64
 369.92
 363.41
 357.79
 352.17
 346.55
 340.93
 335.31
 329.70
 324.08
 318.46
 312.84
 307.22
 301.61
 295.99
 290.37
 284.75
 279.13
 273.52
 267.90
 262.28
 256.66
 251.04
 245.43
 239.81
 234.19
 228.57
 222.96
 217.34
 211.72
 206.10
 200.48
 194.86
 189.25
 183.63
 178.01
 172.39
 166.77
 161.16
 155.54
 149.92
 144.30
 138.68
 133.06
 127.45
 121.83
 116.21
 110.59
 104.97
 99.36
 93.74

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNEE, TRT 1 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
103	16	222.37	55.60	2.13	104.15	340.58
230	16	147.07	13.26	2.13	136.87	195.26

305.29
 281.94
 294.63
 249.30
 291.94
 288.69
 285.32
 281.99
 278.66
 275.34
 272.01
 268.68
 265.35
 262.03
 258.70
 255.37
 252.04
 248.71
 245.39
 242.06
 238.73
 235.40
 232.07
 228.75
 225.42
 222.09
 218.76
 215.44
 212.11
 208.78
 205.45
 202.12
 198.80
 195.47
 192.14
 188.81
 185.49
 182.16
 178.83
 175.50
 172.17
 168.85
 165.52
 162.19
 158.84
 155.51
 152.21
 148.88
 145.55
 142.22
 138.90

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LAHFLS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 20- 40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNNEE. TRT 1 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183	16	229.44	20.85	2.13	163.34	277.53
238	16	202.93	22.85	2.13	154.33	251.52

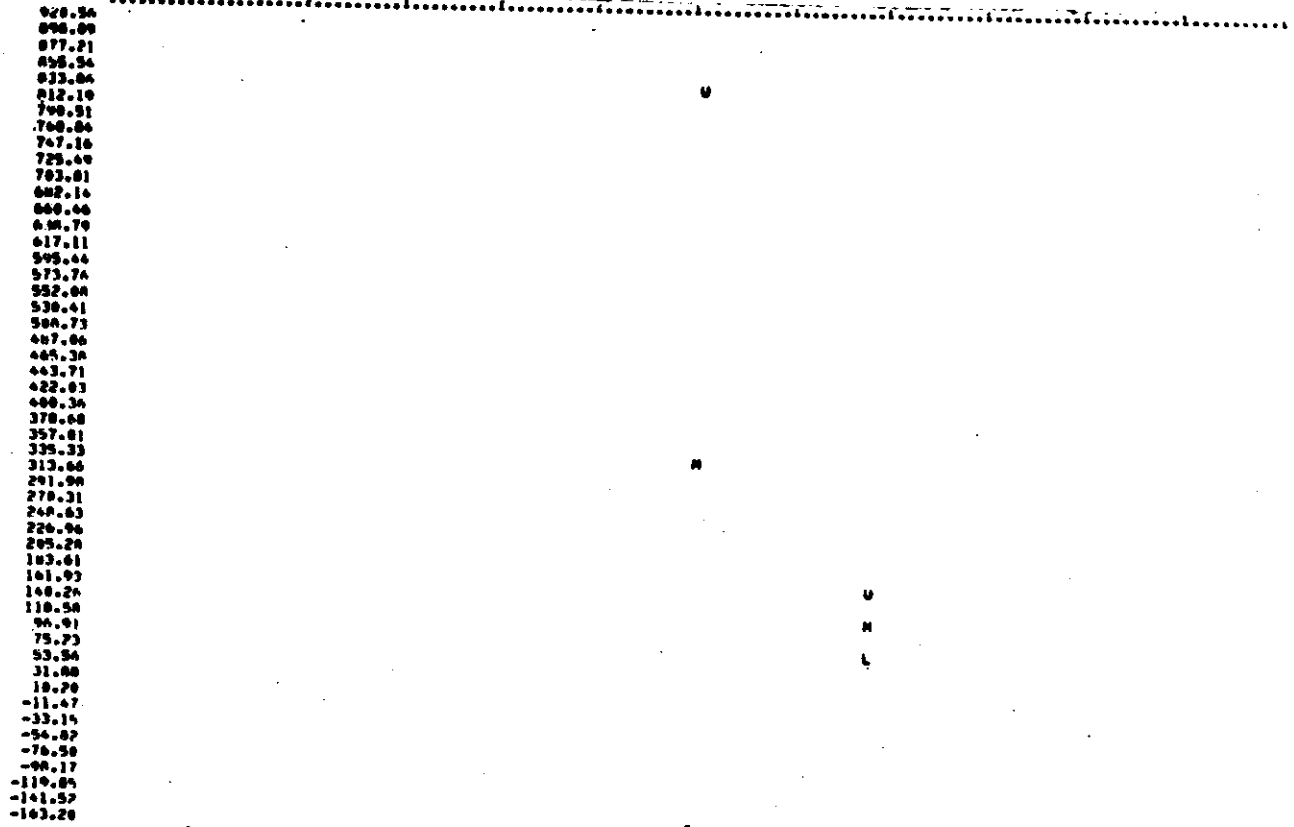
247.84
 243.97
 240.91
 237.05
 234.78
 231.72
 228.66
 225.59
 222.53
 219.46
 216.40
 213.34
 210.27
 207.21
 204.14
 201.08
 198.02
 194.96
 191.89
 188.83
 185.76
 182.70
 179.64
 176.57
 173.51
 170.45
 167.38
 164.32
 161.26
 158.19
 155.13
 152.06
 149.00
 145.94
 142.87
 139.81
 136.75
 133.68
 130.62
 127.56
 124.49
 121.43
 118.36
 115.30
 112.24
 109.17
 106.11
 103.05
 99.99
 96.92
 93.86

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 40- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY.
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 1 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183	15	164.43	28.88	2.14	104.28	224.58
238	16	138.58	16.97	2.13	104.40	172.76

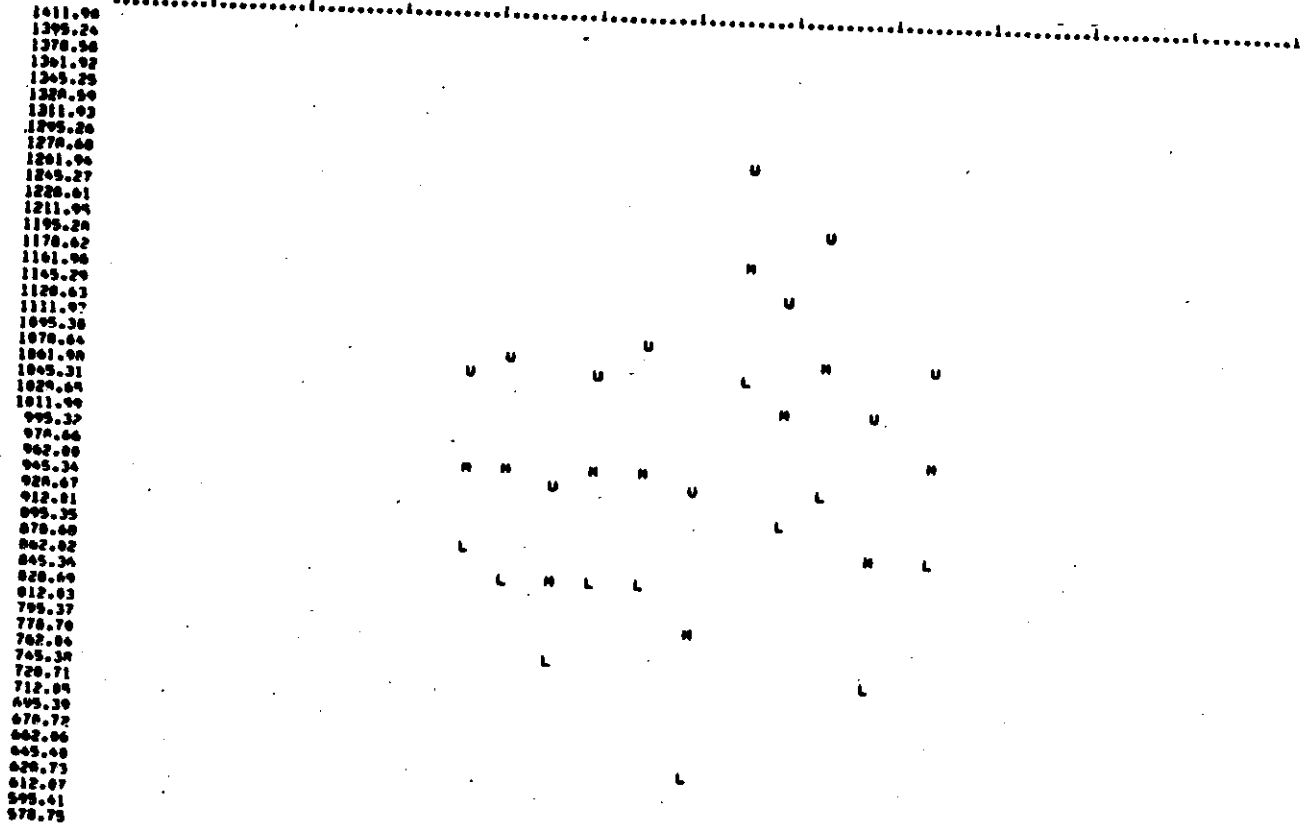


AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1978
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 60- 80 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, THT 1 FOR 1978
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
193	15	327.77	237.40	2.14		836.00
230	16	124.37	20.50	2.13	-163.26	168.14

Note: Asterisks appearing in graph indicate a lower confidence limit which has a negative value.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1978
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANKEE, TRT 2 FOR 1978
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
116	80	967.72	45.89			
120	67	965.48	58.57	1.97		
142	48	853.68	48.99	1.98	879.11	1056.32
155	48	957.28	54.78	1.98	849.20	1081.77
170	48	968.68	64.81	1.98	760.38	940.84
183	16	792.88	78.95	1.98	848.52	1065.88
210	48	1171.85	58.78	2.13	841.66	1095.39
224	48	1022.13	59.86	1.98	643.85	840.94
238	48	1078.96	65.63	1.98	1058.54	1203.55
255	16	864.61	64.82	1.98	904.94	1139.31
	48	975.59	68.58	2.13	948.75	1209.17
				1.98	748.48	1020.74
					879.36	1071.62

1303.02
 1292.00
 1280.10
 1268.37
 1256.55
 1244.71
 1232.92
 1221.10
 1209.28
 1197.46
 1185.65
 1173.83
 1162.01
 1150.20
 1138.38
 1126.56
 1114.74
 1102.93
 1091.11
 1079.29
 1067.47
 1055.66
 1043.84
 1032.02
 1020.21
 1008.39
 996.57
 984.75
 972.94
 961.12
 949.30
 937.48
 925.67
 913.85
 902.03
 890.22
 878.40
 866.58
 854.76
 842.95
 831.13
 819.31
 807.49
 795.68
 783.86
 772.04
 760.22
 748.41
 736.59
 724.77
 712.96

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 0- 20 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANMEE, TRT 2 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183 [*]	10	952.05	75.56	2.13	792.17	1113.52
238 [*]	10	1045.92	65.55	2.13	986.54	1105.29

*Sequence missing 10 cm of core length.

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1746.88 .....
1743.98 .....
1747.89 .....
1731.79 .....
1715.69 .....
1699.64 .....
1683.59 .....
1667.41 .....
1651.31 .....
1635.22 .....
1619.12 .....
1603.02 .....
1586.93 .....
1570.83 .....
1554.74 .....
1538.64 .....
1522.54 .....
1506.45 .....
1490.35 .....
1474.26 .....
1458.16 .....
1442.07 .....
1425.97 .....
1409.87 .....
1393.78 .....
1377.68 .....
1361.59 .....
1345.49 .....
1329.48 .....
1313.38 .....
1297.29 .....
1281.11 .....
1265.01 .....
1248.92 .....
1232.82 .....
1216.73 .....
1200.63 .....
1184.53 .....
1168.44 .....
1152.34 .....
1136.25 .....
1120.15 .....
1104.05 .....
1087.96 .....
1071.86 .....
1055.77 .....
1039.67 .....
1023.58 .....
1007.48 .....
991.38 .....
975.29 .....

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
AXIS LABELS FOR THIS PLOT ARE =
X-AXIS=JULIAN DATE FOR 1978
Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 60 CM DEPTH

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THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 2 FOR 1978
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
103 *	10	1359.95	125.71	2.13	1083.65	1618.25
238 *	10	1427.78	75.75	2.13	1266.72	1566.64

*Sequence missing 50 cm of core length.

1892.95
 1878.83
 1858.32
 1841.86
 1821.80
 1804.37
 1789.85
 1771.74
 1754.42
 1737.11
 1719.79
 1702.48
 1685.16
 1667.85
 1650.53
 1633.22
 1615.90
 1598.59
 1581.27
 1563.95
 1546.64
 1529.32
 1512.01
 1494.69
 1477.38
 1460.06
 1442.75
 1425.43
 1408.12
 1390.80
 1373.48
 1356.17
 1338.85
 1321.54
 1304.22
 1286.91
 1269.59
 1252.28
 1234.96
 1217.65
 1200.33
 1183.02
 1165.70
 1148.38
 1131.07
 1113.75
 1096.44
 1079.12
 1061.81
 1044.49
 1027.18

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR U= 80 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNLE, TRT 2 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEL VALUE	LOWER LIMIT	UPPER LIMIT
183 *	16	1413.48	128.00	2.13	1141.31	1685.64
238 *	16	1555.85	77.68	2.13	1390.84	1720.86

*Sequence missing 70 cm of core length

204.72
 203.07
 201.43
 199.78
 198.14
 196.49
 194.84
 193.20
 191.55
 189.91
 188.26
 186.62
 184.97
 183.32
 181.68
 180.03
 178.39
 176.74
 175.09
 173.45
 171.80
 170.16
 168.51
 166.87
 165.22
 163.57
 161.93
 160.28
 158.64
 156.99
 155.35
 153.70
 152.05
 150.41
 148.76
 147.12
 145.47
 143.83
 142.18
 140.53
 138.89
 137.24
 135.60
 133.95
 132.31
 130.66
 129.01
 127.37
 125.72
 124.08
 122.43

1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 2 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
103	16	160.85	11.67	2.13	136.04	185.67
230	16	161.31	11.66	2.13	136.51	186.11

533.18
 525.85
 518.91
 508.78
 500.65
 492.52
 484.39
 476.25
 468.12
 459.99
 451.86
 443.73
 435.59
 427.46
 419.33
 411.20
 403.07
 394.93
 386.80
 378.67
 370.54
 362.41
 354.28
 346.14
 338.01
 329.88
 321.75
 313.62
 305.48
 297.35
 289.22
 281.09
 272.96
 264.82
 256.69
 248.56
 240.43
 232.30
 224.16
 216.03
 207.90
 199.77
 191.64
 183.50
 175.37
 167.24
 159.11
 150.98
 142.84
 134.71
 126.58

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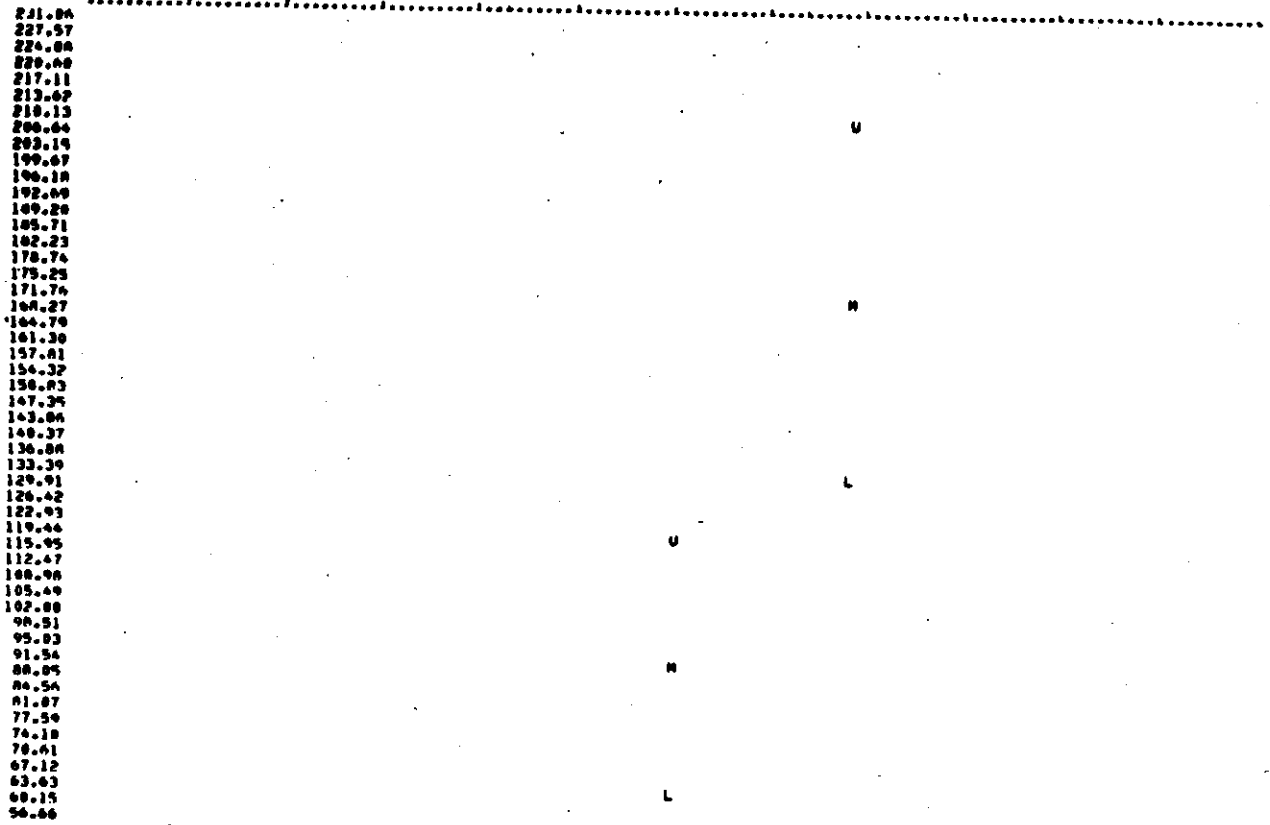
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 20- 40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 2 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183	16	312.68	89.98	2.13	140.64	484.71
238	16	210.66	28.75	2.13	149.52	271.80

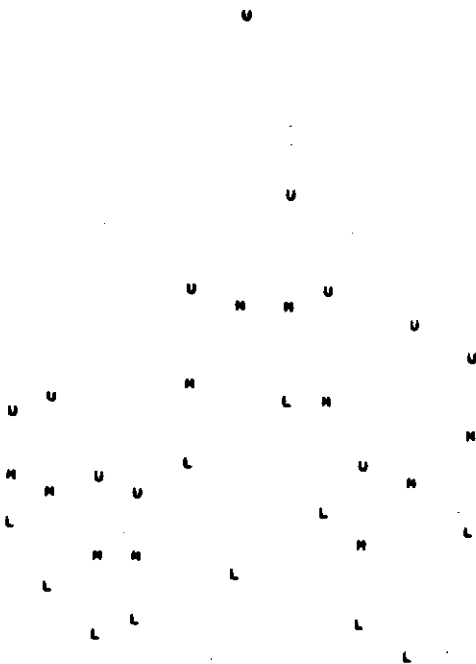


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 40-60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRT 2 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183	15	91.12	13.15	2.14	62.95	119.29
230	16	171.20	10.27	2.13	132.35	210.05

1894.15
1878.24
1866.33
1822.42
1768.31
1774.68
1798.69
1726.79
1782.88
1678.97
1659.86
1631.15
1607.24
1583.33
1559.42
1535.52
1511.61
1487.70
1463.79
1439.88
1415.97
1392.06
1368.15
1344.25
1320.34
1296.43
1272.52
1248.61
1224.70
1200.79
1176.89
1152.98
1129.07
1105.16
1081.25
1057.34
1033.43
1009.52
985.61
961.71
937.80
913.89
889.98
866.07
842.16
818.24
794.35
770.44
746.53
722.62
698.71



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0-10 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANMEE, TRT 3 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
114	80	1844.47	46.86	1.97	952.39	1136.56
128	48	1813.21	74.55	1.98	865.31	1101.12
142	48	916.81	64.34	1.98	789.16	1044.47
155	48	914.69	51.52	1.99	812.54	1017.23
178	48	1180.83	64.70	1.98	1052.46	1309.19
183	16	1305.50	195.85	2.13	889.05	1721.95
198	48	1304.08	77.31	1.98	1150.70	1457.46
218	48	1158.03	87.53	1.98	976.36	1323.70
224	48	946.10	68.37	1.98	826.40	1065.97
238	16	1026.86	117.44	2.13	776.35	1275.77
255	48	1103.32	67.85	1.98	970.30	1236.35

2129.72
 2104.68
 2079.49
 2054.37
 2029.25
 2004.13
 1979.01
 1953.89
 1928.78
 1903.66
 1878.54
 1853.42
 1828.30
 1803.19
 1778.07
 1752.95
 1727.83
 1702.71
 1677.59
 1652.47
 1627.36
 1602.24
 1577.12
 1552.00
 1526.89
 1501.77
 1476.65
 1451.53
 1426.41
 1401.30
 1376.18
 1351.06
 1325.94
 1300.82
 1275.71
 1250.59
 1225.47
 1200.35
 1175.23
 1150.12
 1125.00
 1099.88
 1074.76
 1049.64
 1024.53
 999.41
 974.29
 949.17
 924.05
 898.94
 873.82

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 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 20 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 3 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183*	16	1499.58	205.38	2.13	1063.05	1936.11
238*	16	1208.04	111.52	2.13	970.91	1445.17

*Sequence missing 10 cm of core length.

2564.56
 2555.65
 2526.74
 2497.83
 2468.92
 2440.01
 2411.10
 2382.20
 2353.29
 2324.38
 2295.47
 2266.56
 2237.65
 2208.74
 2179.83
 2150.92
 2122.02
 2093.11
 2064.20
 2035.29
 2006.38
 1977.47
 1948.57
 1919.66
 1890.75
 1861.84
 1832.93
 1804.02
 1775.11
 1746.20
 1717.30
 1688.39
 1659.48
 1630.57
 1601.66
 1572.75
 1543.84
 1514.93
 1486.03
 1457.12
 1428.21
 1399.30
 1370.39
 1341.48
 1312.57
 1283.66
 1254.76
 1225.85
 1196.94
 1168.03
 1139.12

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AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 0- 60 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 3 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183 *	16	1879.26	221.19	2.13	1408.93	2349.60
230 **	16	1926.57	122.69	2.13	1265.69	1787.45

*Sequence missing 50 cm of core length.
 **Sequence missing 70 cm of core length.

2702.04
 2672.03
 2642.02
 2612.01
 2582.00
 2551.99
 2521.97
 2491.96
 2461.94
 2431.94
 2401.93
 2371.92
 2341.91
 2311.90
 2281.89
 2251.87
 2221.86
 2191.84
 2161.84
 2131.83
 2101.82
 2071.81
 2041.80
 2011.79
 1981.77
 1951.76
 1921.75
 1891.74
 1861.73
 1831.72
 1801.71
 1771.70
 1741.69
 1711.67
 1681.66
 1651.65
 1621.64
 1591.63
 1561.62
 1531.61
 1501.60
 1471.59
 1441.57
 1411.56
 1381.55
 1351.54
 1321.53
 1291.52
 1261.51
 1231.50
 1201.49

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=RELATIVE GROUND BIOMASS (G/M SQ) FOR 0- 80 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL) PAMNLE. TNT 3 FOR 1970

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183 *	16	1989.33	223.89	2.13	1594.26	2456.40
238 **	16	1696.50	127.73	2.13	1334.98	1878.17

*Sequence missing 70 cm of core length
 **Sequence missing 110 cm of core length

248.18
 245.04
 243.59
 241.38
 229.00
 236.71
 234.62
 232.12
 229.83
 227.53
 225.24
 222.94
 220.65
 218.36
 216.06
 213.77
 211.48
 209.18
 206.89
 204.59
 202.30
 200.01
 197.71
 195.42
 193.12
 190.83
 188.54
 186.24
 183.95
 181.65
 179.36
 177.07
 174.77
 172.48
 170.19
 167.89
 165.60
 163.30
 161.01
 158.72
 156.42
 154.13
 151.83
 149.54
 147.25
 144.95
 142.66
 140.36
 138.07
 135.78
 133.48

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNLE, TRT 3 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183	16	194.00	14.83	2.13	162.54	225.62
238	16	181.98	15.83	2.13	148.31	215.64

313.15
309.81
306.48
303.14
299.81
296.48
293.14
289.81
286.47
283.14
279.80
276.47
273.14
269.80
266.47
263.13
259.80
256.46
253.13
249.79
246.46
243.13
239.79
236.46
233.12
229.79
226.45
223.12
219.79
216.45
213.12
209.78
206.45
203.11
199.78
196.45
193.11
189.78
186.44
183.11
179.77
176.44
173.11
169.77
166.44
163.10
159.77
156.43
153.10
149.76
146.43

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
X-AXIS=JULIAN DATE FOR 1978
Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 20- 40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANMEE, TRT 3 FOR 1978
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183	16	237.53	22.17	2.13	190.38	284.68
238	16	207.68	21.15	2.13	162.78	252.66

176.06
 175.06
 173.18
 171.31
 169.43
 167.55
 165.68
 163.80
 161.92
 160.04
 158.17
 156.29
 154.41
 152.54
 150.66
 148.78
 146.91
 145.03
 143.15
 141.28
 139.40
 137.52
 135.65
 133.77
 131.89
 130.02
 128.14
 126.26
 124.38
 122.51
 120.63
 118.75
 116.88
 115.00
 113.12
 111.25
 109.37
 107.49
 105.62
 103.74
 101.86
 99.99
 98.11
 96.23
 94.35
 92.48
 90.60
 88.72
 86.85
 84.97
 83.09

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 40- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 3 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183	16	142.16	8.79	2.13	123.46	160.85
230	15	118.24	12.16	2.14	92.33	144.16

140.00
 138.44
 136.88
 135.24
 133.62
 132.01
 130.40
 128.78
 127.17
 125.55
 123.94
 122.33
 120.71
 119.10
 117.48
 115.87
 114.26
 112.64
 111.03
 109.41
 107.80
 106.19
 104.57
 102.96
 101.35
 99.73
 98.12
 96.50
 94.89
 93.28
 91.66
 90.05
 88.43
 86.82
 85.21
 83.59
 81.98
 80.36
 78.75
 77.14
 75.52
 73.91
 72.30
 70.68
 69.07
 67.45
 65.84
 64.23
 62.61
 61.00
 59.38

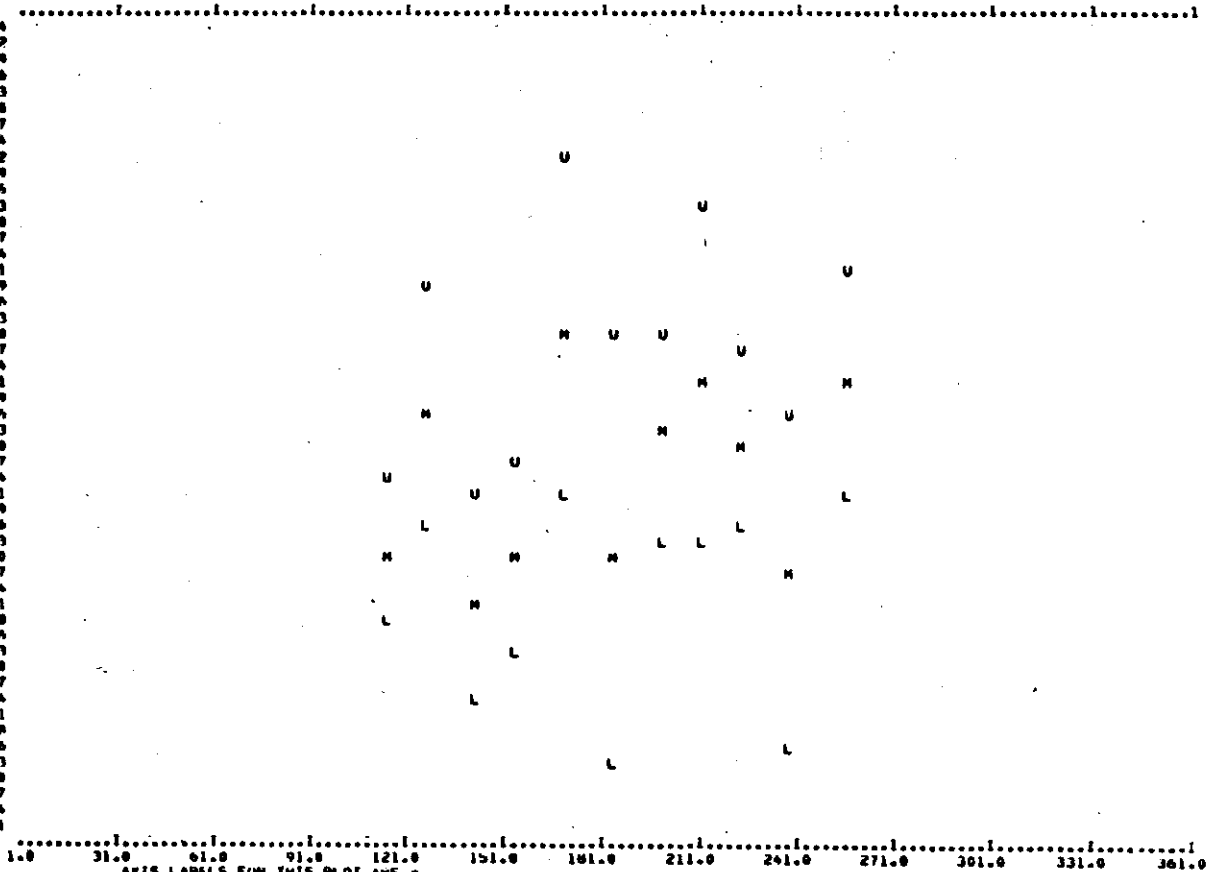
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 60- 80 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRT 3 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
143	16	101.86	12.36	2.13	74.78	127.34
238	15	85.34	9.84	2.14	65.98	104.70

1623.24
 1509.32
 1407.34
 1400.44
 1451.53
 1433.08
 1415.67
 1397.74
 1370.02
 1361.09
 1343.96
 1326.03
 1308.10
 1290.17
 1272.24
 1254.31
 1236.39
 1218.46
 1200.53
 1182.60
 1164.67
 1146.74
 1128.81
 1110.89
 1092.96
 1075.03
 1057.10
 1039.17
 1021.24
 1003.31
 985.39
 967.46
 949.53
 931.60
 913.67
 895.74
 877.81
 859.88
 841.94
 824.01
 806.10
 788.17
 770.24
 752.31
 734.38
 716.46
 698.53
 680.60
 662.67
 644.74
 626.81



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
114	80	938.10	42.92	1.97	853.75	1022.45
120	46	1101.54	64.77	1.99	972.67	1230.21
142	48	884.00	68.87	1.98	743.23	1004.77
155	48	927.52	56.48	1.98	815.46	1039.58
170	48	1190.88	97.72	1.98	996.99	1384.77
183	16	940.80	114.53	2.13	696.46	1183.54
198	48	1066.96	60.02	1.98	947.87	1186.04
210	48	1137.63	98.45	1.98	956.17	1317.08
224	48	1065.07	52.49	1.98	960.94	1169.21
238	15	988.23	86.92	2.14	722.04	1094.41
255	48	1133.17	64.67	1.98	1004.67	1261.47

1646.13
 1648.89
 1661.84
 1542.88
 1562.96
 1543.91
 1524.87
 1505.83
 1486.78
 1467.74
 1448.70
 1429.65
 1410.61
 1391.57
 1372.52
 1353.48
 1334.44
 1315.40
 1296.35
 1277.31
 1258.27
 1239.22
 1220.18
 1201.14
 1182.09
 1163.05
 1144.01
 1124.96
 1105.92
 1086.88
 1067.83
 1048.79
 1029.75
 1010.70
 991.66
 972.62
 953.57
 934.53
 915.49
 896.44
 877.40
 858.36
 839.31
 820.27
 801.23
 782.19
 763.14
 744.10
 725.06
 706.01
 686.97

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 20 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE TRT 4 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183 *	16	1186.86	142.99	2.13	882.81	1490.12
238 *	16	983.86	183.35	2.13	763.38	1202.82

*Sequence missing 10 cm of core length.

2375.04
 2347.83
 2319.62
 2291.40
 2263.19
 2234.98
 2206.76
 2178.55
 2150.34
 2122.12
 2093.91
 2065.70
 2037.49
 2009.28
 1981.07
 1952.86
 1924.65
 1896.44
 1868.23
 1839.99
 1811.77
 1783.56
 1755.35
 1727.14
 1698.93
 1670.72
 1642.51
 1614.30
 1586.09
 1557.88
 1529.67
 1501.46
 1473.25
 1445.04
 1416.83
 1388.62
 1360.41
 1332.20
 1303.99
 1275.78
 1247.57
 1219.36
 1191.15
 1162.94
 1134.73
 1106.52
 1078.31
 1050.10
 1021.89
 993.68
 965.47
 937.26
 909.05
 880.84
 852.63
 824.42
 796.21
 768.00
 739.79
 711.58
 683.37
 655.16
 626.95
 598.74
 570.53
 542.32
 514.11
 485.90
 457.69
 429.48
 401.27
 373.06
 344.85
 316.64
 288.43
 260.22
 232.01
 203.80
 175.59
 147.38
 119.17
 90.96
 62.75
 34.54
 6.33
 -21.88
 -49.69
 -77.50
 -105.31
 -133.12
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 -411.22
 -439.03
 -466.84
 -494.65
 -522.46
 -550.27
 -578.08
 -605.89
 -633.70
 -661.51
 -689.32
 -717.13
 -744.94
 -772.75
 -800.56
 -828.37
 -856.18
 -883.99
 -911.80
 -939.61
 -967.42
 -995.23
 -1023.04
 -1050.85
 -1078.66
 -1106.47
 -1134.28
 -1162.09
 -1189.90
 -1217.71
 -1245.52
 -1273.33
 -1301.14
 -1328.95
 -1356.76
 -1384.57
 -1412.38
 -1440.19
 -1468.00
 -1495.81
 -1523.62
 -1551.43
 -1579.24
 -1607.05
 -1634.86
 -1662.67
 -1690.48
 -1718.29
 -1746.10
 -1773.91
 -1801.72
 -1829.53
 -1857.34
 -1885.15
 -1912.96
 -1940.77
 -1968.58
 -1996.39
 -2024.20
 -2052.01
 -2079.82
 -2107.63
 -2135.44
 -2163.25
 -2191.06
 -2218.87
 -2246.68
 -2274.49
 -2302.30
 -2330.11
 -2357.92
 -2385.73
 -2413.54
 -2441.35
 -2469.16
 -2496.97
 -2524.78
 -2552.59
 -2580.40
 -2608.21
 -2636.02
 -2663.83
 -2691.64
 -2719.45
 -2747.26
 -2775.07
 -2802.88
 -2830.69
 -2858.50
 -2886.31
 -2914.12
 -2941.93
 -2969.74
 -2997.55
 -3025.36
 -3053.17
 -3080.98
 -3108.79
 -3136.60
 -3164.41
 -3192.22
 -3220.03
 -3247.84
 -3275.65
 -3303.46
 -3331.27
 -3359.08
 -3386.89
 -3414.70
 -3442.51
 -3470.32
 -3498.13
 -3525.94
 -3553.75
 -3581.56
 -3609.37
 -3637.18
 -3664.99
 -3692.80
 -3720.61
 -3748.42
 -3776.23
 -3804.04
 -3831.85
 -3859.66
 -3887.47
 -3915.28
 -3943.09
 -3970.90
 -3998.71
 -4026.52
 -4054.33
 -4082.14
 -4109.95
 -4137.76
 -4165.57
 -4193.38
 -4221.19
 -4249.00
 -4276.81
 -4304.62
 -4332.43
 -4360.24
 -4388.05
 -4415.86
 -4443.67
 -4471.48
 -4499.29
 -4527.10
 -4554.91
 -4582.72
 -4610.53
 -4638.34
 -4666.15
 -4693.96
 -4721.77
 -4749.58
 -4777.39
 -4805.20
 -4833.01
 -4860.82
 -4888.63
 -4916.44
 -4944.25
 -4972.06
 -5000.00

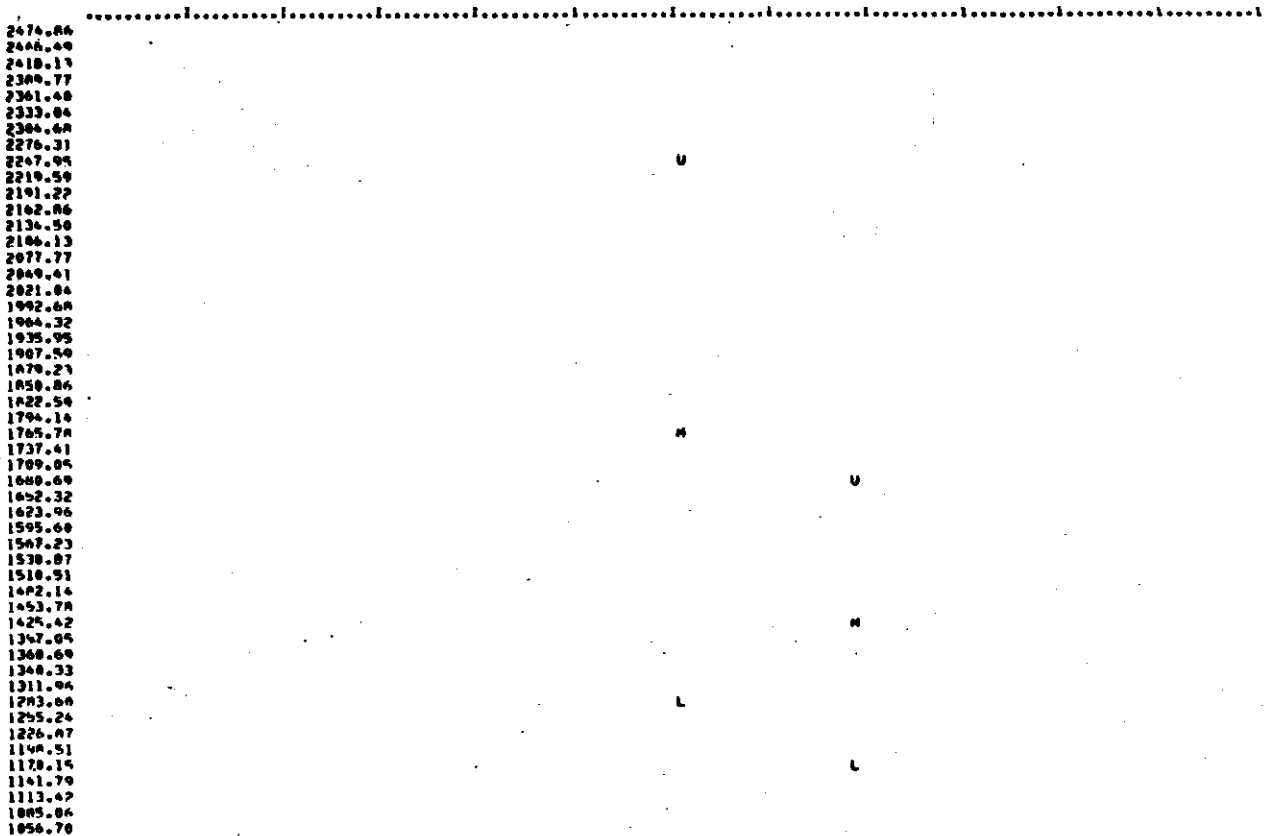
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 0- 60 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183 *	16	1681.58	224.59	2.13	1204.03	2199.13
238	16	1329.67	116.18	2.13	1082.64	1576.70

*Sequence missing 50 cm of core length.



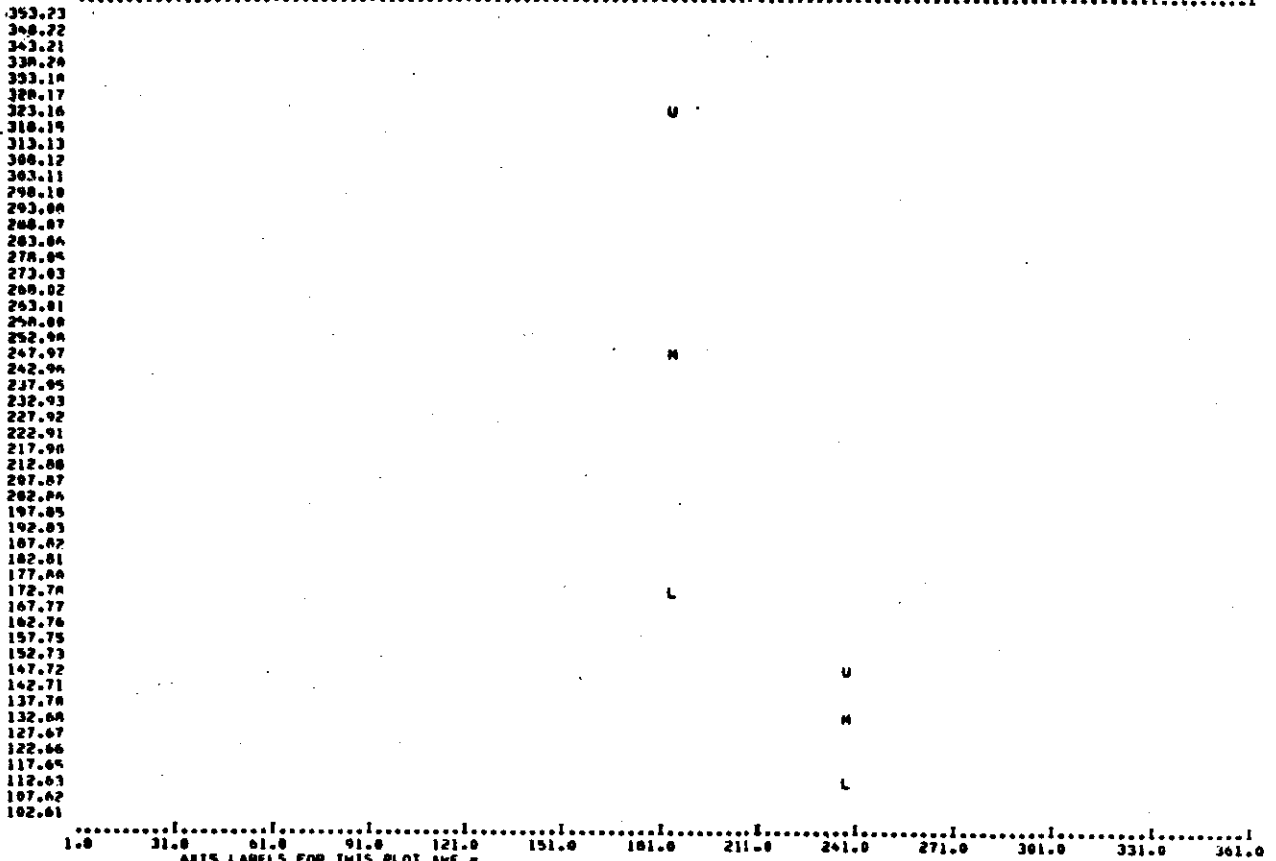
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 80 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TNT 4 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183 *	16	1770.06	225.05	2.13	1290.25	2249.87
238	16	1426.72	118.88	2.13	1174.11	1679.33

*Sequence missing 70 cm of core length ;



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183	16	246.06	35.30	2.13	171.01	321.12
230	16	131.00	0.27	2.13	114.01	149.18

788.39
 726.86
 713.24
 699.60
 686.01
 672.41
 658.81
 645.22
 631.62
 618.02
 604.43
 590.81
 577.23
 563.64
 550.04
 536.44
 522.85
 509.25
 495.65
 482.05
 468.46
 454.86
 441.26
 427.67
 414.07
 400.47
 386.88
 373.28
 359.68
 346.09
 332.49
 318.89
 305.30
 291.70
 278.10
 264.51
 250.91
 237.31
 223.72
 210.12
 196.52
 182.93
 169.33
 155.73
 142.13
 128.54
 114.94
 101.34
 87.75
 74.15
 60.55

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 20- 40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
103	15	370.18	141.41	2.14	67.28	673.09
238	16	286.84	22.35	2.13	158.50	253.57

284.84
 283.41
 281.28
 199.16
 147.03
 194.98
 162.77
 198.84
 188.51
 184.38
 184.25
 182.12
 179.99
 177.86
 175.73
 173.60
 171.47
 169.35
 167.22
 165.09
 162.96
 160.83
 158.70
 156.57
 154.44
 152.31
 150.18
 148.05
 145.92
 143.79
 141.66
 139.54
 137.41
 135.28
 133.15
 131.02
 128.89
 126.76
 124.63
 122.50
 120.37
 118.24
 116.11
 113.98
 111.85
 109.73
 107.60
 105.47
 103.34
 101.21
 99.08

1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 40- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183	16	148.67	18.85	2.13	118.09	186.86
238	16	148.58	22.77	2.13	113.42	167.73

129.81
 127.54
 126.28
 125.01
 123.74
 122.47
 121.21
 119.94
 118.67
 117.40
 116.14
 114.87
 113.60
 112.33
 111.07
 109.80
 108.53
 107.27
 106.00
 104.73
 103.46
 102.20
 100.93
 99.66
 98.39
 97.13
 95.86
 94.59
 93.32
 92.06
 90.79
 89.52
 88.25
 86.99
 85.72
 84.45
 83.19
 81.92
 80.65
 79.38
 78.12
 76.85
 75.58
 74.31
 73.05
 71.78
 70.51
 69.24
 67.98
 66.71
 65.44

.....
 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 60-80 CM DEPTH

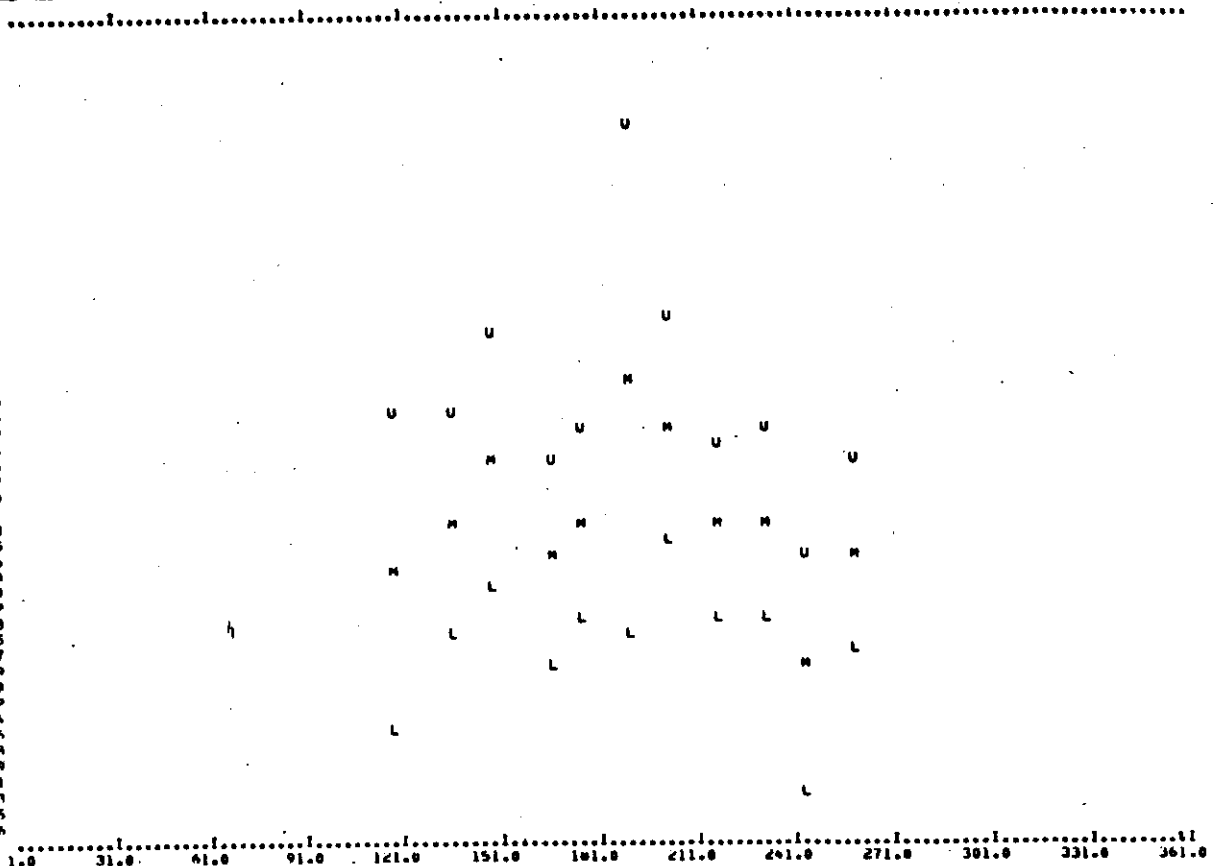
THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
183	16	88.48	7.41	2.13	72.71	104.24
238	16	97.85	9.43	2.13	77.88	117.10

7.1.2 Environmental stress area

The environmental stress area consisting of treatments D, E, F, and G was sampled in a manner very similar to treatments 1, 2, 3, and 4 with the exception that sampling to 80 cm occurred on three sampling dates. Many of the deep cores ended at random depths due to difficult coring conditions, and no attempt was made to complete the profile for these cases.

2801.88
 1973.38
 1944.71
 1916.13
 1887.55
 1858.97
 1830.39
 1801.80
 1773.22
 1744.64
 1716.06
 1687.47
 1658.89
 1630.31
 1601.73
 1573.14
 1544.56
 1515.98
 1487.40
 1458.82
 1430.23
 1401.65
 1373.07
 1344.49
 1315.91
 1287.32
 1258.74
 1230.16
 1201.57
 1172.99
 1144.41
 1115.83
 1087.25
 1058.66
 1030.08
 1001.50
 972.92
 944.33
 915.75
 887.17
 858.59
 830.00
 801.42
 772.84
 744.26
 715.68
 687.10
 658.51
 629.93
 601.35
 572.76



AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0-10 CM DEPTH

THESE DATA INCLUDE CHURN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEL, TRT D FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
119	10	1032.17	130.43	2.27	735.64	1328.71
136	30	1120.75	99.74	2.02	919.01	1322.50
148	30	1233.06	109.98	2.02	1011.00	1456.31
167	30	1050.66	92.58	2.02	863.39	1237.93
176	30	1126.26	84.87	2.02	954.58	1297.94
190	10	1306.44	194.85	2.27	912.94	1819.89
203	30	1206.90	98.87	2.02	1091.36	1402.44
217	30	1104.15	77.02	2.02	947.56	1260.75
231	20	1118.57	89.60	2.03	937.27	1300.67
244	10	854.09	95.75	2.27	636.48	1071.78
260	30	1063.06	82.73	2.02	896.53	1231.20

2147.02
 2107.21
 2137.40
 2107.50
 2077.70
 2047.97
 2018.14
 1988.35
 1958.56
 1928.73
 1898.92
 1869.11
 1839.30
 1809.48
 1779.68
 1749.84
 1720.04
 1690.24
 1660.43
 1630.62
 1600.81
 1571.00
 1541.19
 1511.38
 1481.57
 1451.76
 1421.94
 1397.14
 1367.33
 1337.52
 1307.71
 1277.90
 1248.09
 1218.28
 1188.47
 1158.65
 1128.84
 1099.03
 1069.22
 1039.41
 1009.60
 979.79
 949.98
 915.17
 885.36
 855.55
 825.74
 795.93
 766.12
 736.31
 706.50

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE *
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 20 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNLE, TRY D FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
110 *	10	1141.07	144.33	2.27		
190 *	10	1547.24	197.95	2.27	862.95	1519.20
244 *	10	1813.50	189.51	2.27	1097.19	1997.29
					705.00	1242.00

*Sequence missing 10 cm of core length

2747.47
 2718.35
 2672.84
 2635.32
 2597.81
 2560.29
 2522.78
 2485.26
 2447.75
 2410.23
 2372.71
 2335.20
 2297.68
 2260.17
 2222.65
 2185.14
 2147.62
 2110.10
 2072.59
 2035.07
 1997.56
 1960.04
 1922.53
 1885.01
 1847.50
 1809.98
 1772.46
 1734.95
 1697.43
 1659.92
 1622.40
 1584.89
 1547.37
 1509.85
 1472.34
 1434.82
 1397.31
 1359.79
 1322.28
 1284.76
 1247.25
 1209.73
 1172.21
 1134.70
 1097.18
 1059.67
 1022.15
 984.64
 947.12
 909.61
 872.09

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SW) FOR 0- 66 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE MANNEE, TRI 0 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SW)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
118 *	10	1488.28	143.32	2.27	1162.44	1814.11
190 ***	10	2030.05	209.85	2.27	1562.05	2498.06
264 ***	10	1812.94	263.24	2.27	986.99	2256.89

- *Sequence missing 66 cm of core length
- **Sequence missing 70 cm of core length
- ***Sequence missing 50 cm of core length

252.70
 249.82
 246.84
 243.86
 240.88
 237.91
 234.93
 231.95
 228.97
 226.00
 223.02
 220.04
 217.06
 214.08
 211.11
 208.13
 205.15
 202.17
 199.20
 196.22
 193.24
 190.27
 187.29
 184.31
 181.34
 178.36
 175.38
 172.40
 169.43
 166.45
 163.47
 160.49
 157.52
 154.54
 151.56
 148.58
 145.61
 142.63
 139.65
 136.68
 133.70
 130.72
 127.74
 124.77
 121.79
 118.81
 115.83
 112.86
 109.88
 106.90
 103.92

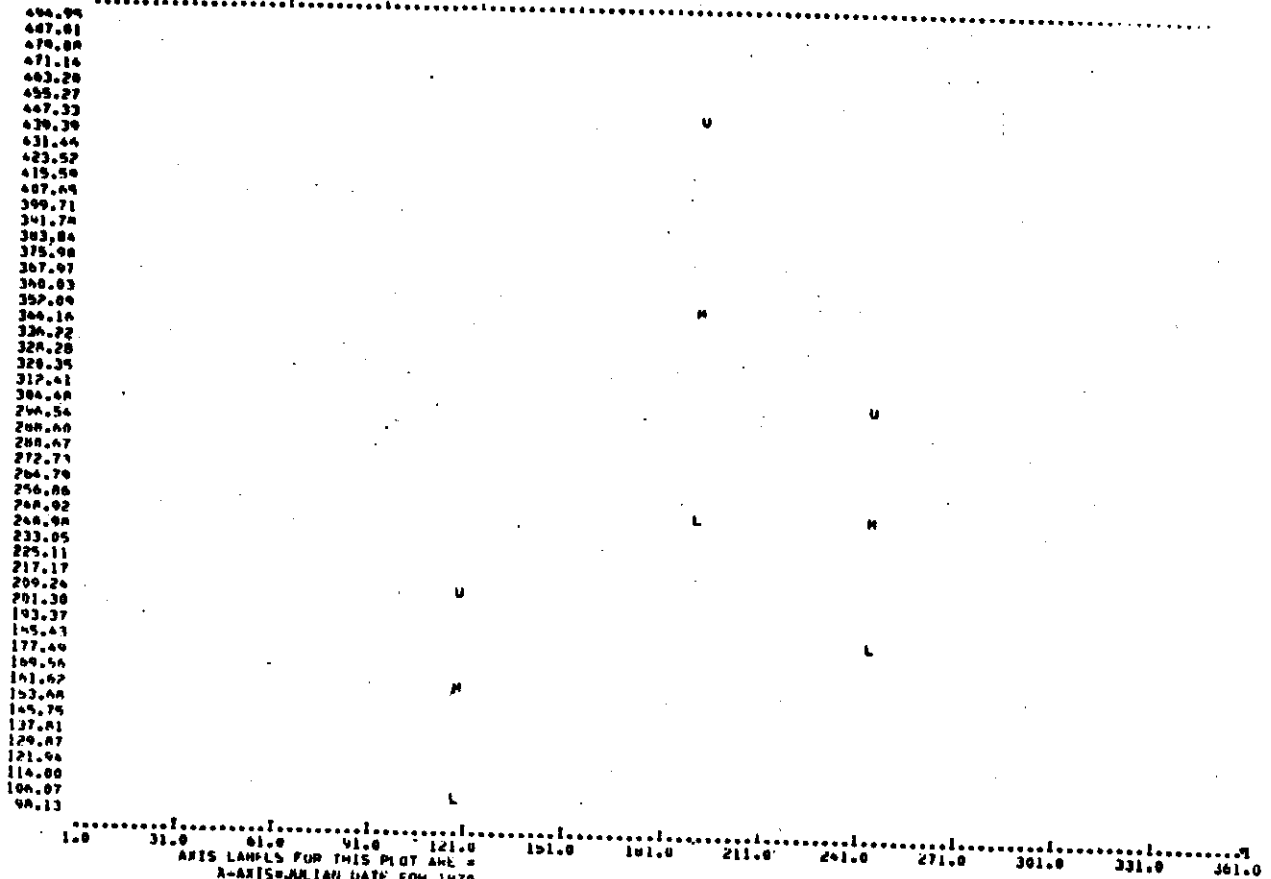
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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEL TRT U FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

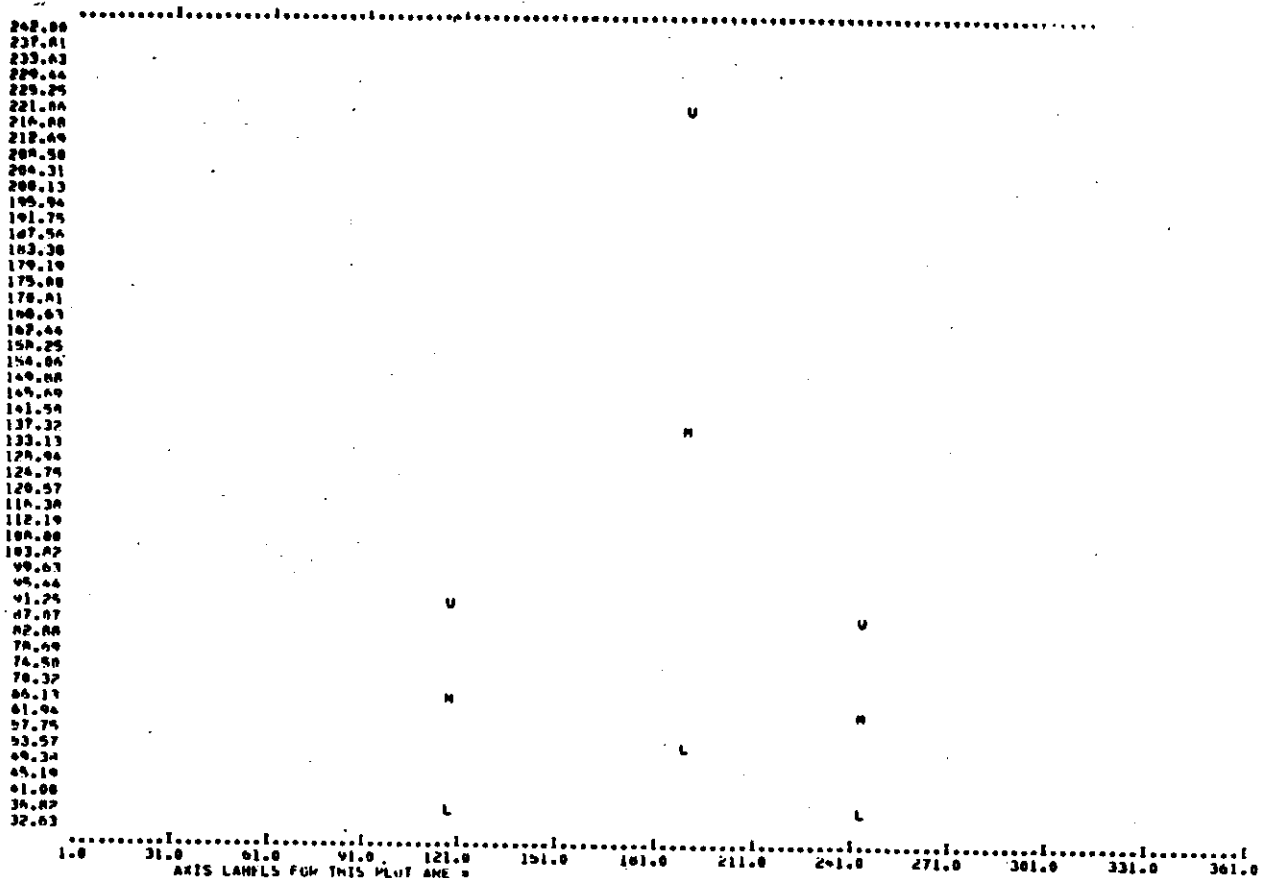
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TCL VALUE	LOWER LIMIT	UPPER LIMIT
118	10	158.90	19.10	2.27	115.47	202.33
190	10	186.80	21.50	2.27	131.79	229.81
244	10	159.41	13.26	2.27	129.26	189.56



THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT D FOR 1970
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
114	10	154.13	22.83	2.27	104.03	209.22
140	10	358.48	43.74	2.27	250.84	449.95
244	10	244.97	26.54	2.27	184.02	305.32



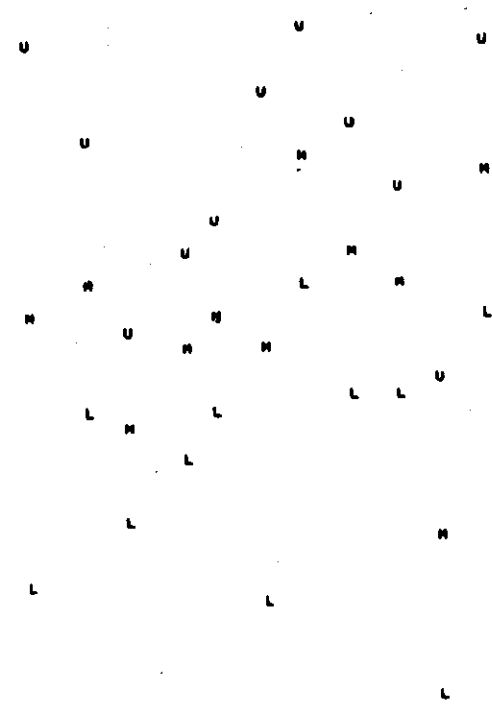
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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SOI) FOR 60- 80 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNONIA TMT D FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SOI)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
118 *	9	64.13	11.33	2.32	37.05	90.42
190 **	9	135.81	30.25	2.32	51.62	220.00
244 ***	10	62.13	11.30	2.27	30.25	80.01

*Sequence missing 61 cm of core length
 **Sequence missing 11 cm of core length
 ***Sequence missing 13 cm of core length

1696.73
 1671.22
 1645.78
 1628.18
 1596.66
 1569.15
 1543.63
 1518.11
 1492.59
 1467.07
 1441.54
 1416.04
 1390.53
 1365.01
 1339.49
 1313.97
 1288.46
 1262.94
 1237.42
 1211.90
 1186.38
 1160.87
 1135.35
 1109.83
 1084.32
 1058.80
 1033.28
 1007.76
 982.25
 956.73
 931.21
 905.70
 880.18
 854.66
 829.14
 803.63
 778.11
 752.59
 727.07
 701.54
 676.04
 650.52
 625.00
 599.49
 573.97
 548.45
 522.93
 497.42
 471.90
 446.38
 420.87



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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE *
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW-GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNELL TRT E FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
118	10	1088.31	190.87	2.27	654.36	1522.26
136	24	1146.24	106.21	2.03	938.56	1361.92
148	30	904.74	74.76	2.02	753.51	1055.96
147	30	1021.23	76.21	2.02	867.87	1175.40
175	30	1080.40	72.91	2.02	932.98	1227.95
198	10	1027.76	179.42	2.27	619.86	1435.66
203	30	1344.64	97.70	2.02	1146.98	1542.49
217	30	1174.93	103.71	2.02	965.14	1384.71
231	24	1127.81	85.98	2.03	952.91	1301.10
244	10	727.10	111.90	2.27	467.63	976.74
248	30	1311.80	107.81	2.02	1094.58	1527.51

2875.63
 2644.40
 2613.14
 1941.95
 1950.73
 1614.50
 1600.28
 1857.85
 1825.81
 1794.80
 1763.37
 1732.15
 1700.97
 1669.70
 1638.47
 1607.24
 1576.02
 1544.80
 1513.57
 1482.34
 1451.12
 1419.90
 1388.67
 1357.45
 1326.22
 1295.00
 1263.77
 1232.54
 1201.32
 1170.09
 1138.87
 1107.64
 1076.42
 1045.19
 1013.97
 982.74
 951.52
 920.29
 889.07
 857.84
 826.62
 795.39
 764.17
 732.94
 701.72
 670.49
 639.26
 608.04
 576.81
 545.59
 514.36

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR U= 20 CM DEPTH

THESE DATA INCLUDE CHUM MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRT E FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
114 *	10	1342.96	234.27	2.27	798.98	1886.93
108 *	10	1251.34	206.44	2.27	781.49	1720.89
744 *	10	842.84	119.30	2.27	571.51	1114.26

*Sequence missing 10 cm of core length

2909.43
 2858.57
 2827.71
 2786.86
 2745.98
 2705.11
 2664.25
 2623.39
 2582.52
 2541.66
 2500.79
 2459.91
 2419.07
 2378.20
 2337.36
 2296.47
 2255.61
 2214.75
 2173.88
 2133.02
 2092.15
 2051.29
 2010.43
 1969.56
 1928.78
 1887.83
 1846.97
 1806.11
 1765.24
 1724.38
 1683.51
 1642.64
 1601.78
 1560.92
 1520.06
 1479.19
 1438.33
 1397.46
 1356.60
 1315.74
 1274.87
 1234.01
 1193.14
 1152.28
 1111.42
 1070.56
 1029.69
 988.87
 947.96
 907.10
 866.23

1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

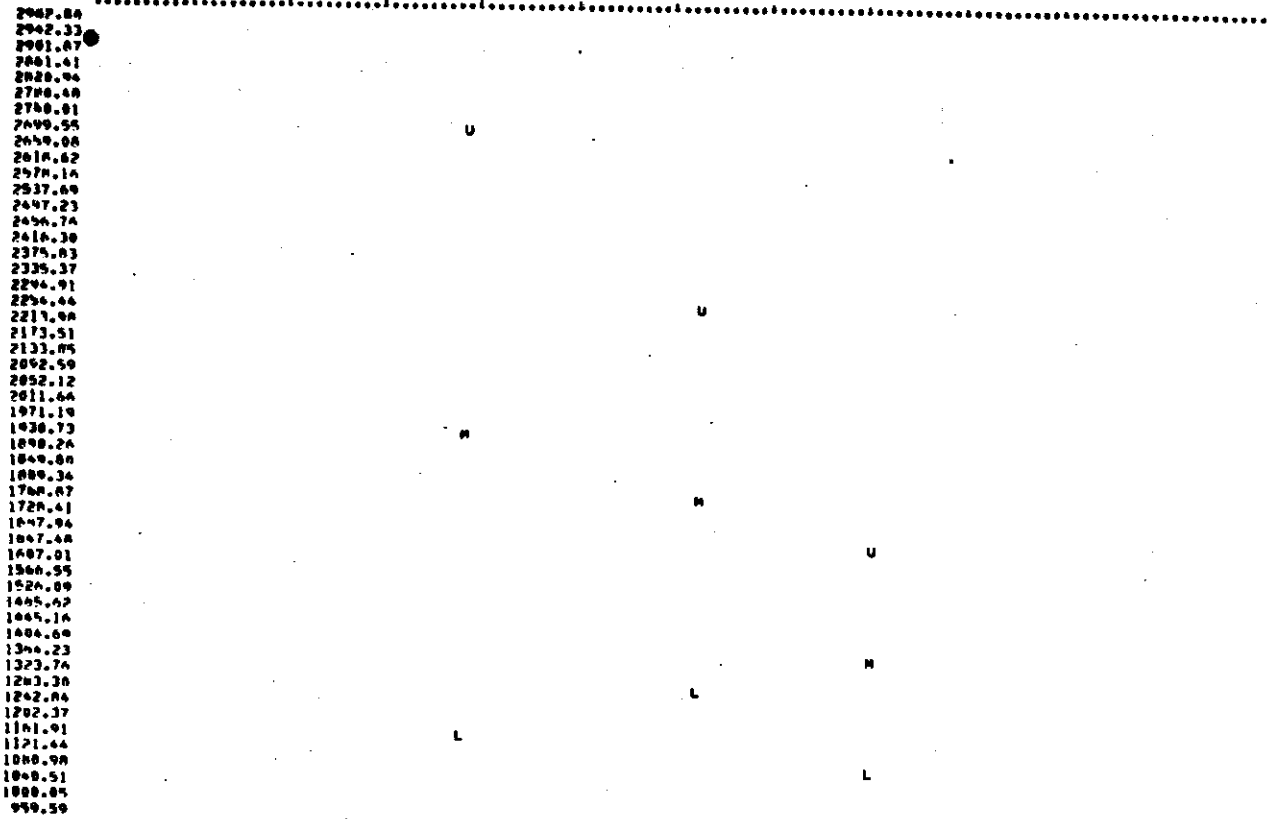
AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW-GROUND BIOMASS (G/M²) FOR 0-60 CM DEPTH

THESE DATA INCLUDE CHURN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANEL THT E FOR 1970
 (CONFIDENCE RANGE CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
118 *	10	1869.91	340.90	2.27	1094.88	2644.94
190 **	10	1788.85	216.52	2.27	1214.38	2198.92
244 ***	10	1298.15	134.45	2.27	962.48	1573.82

*Sequence missing 65 cm of core length
 **Sequence missing 99 cm of core length
 ***Sequence missing 50 cm of core length



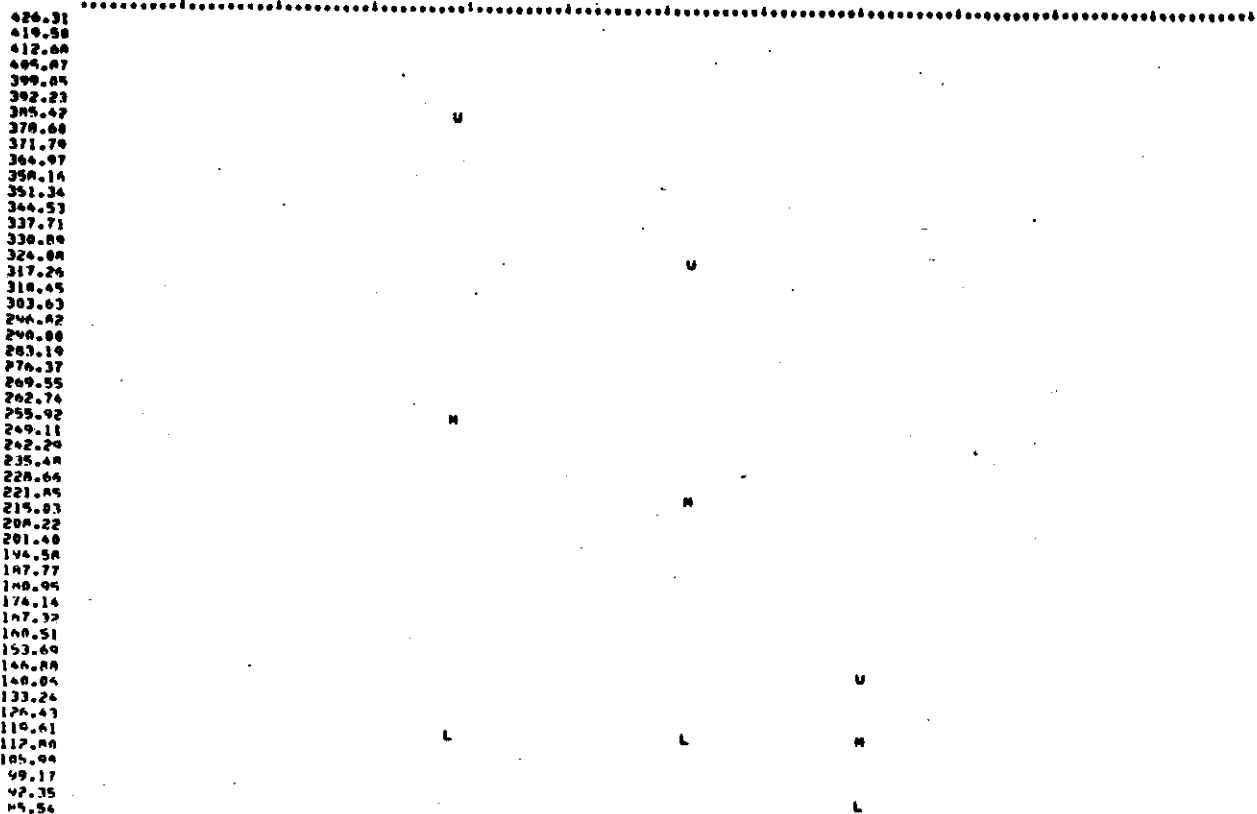
.....
 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 80 CM DEPTH

THESE DATA INCLUDE CHUMP MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNLE, TRY E FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
114 *	10	1445.24	337.08			
190 **	10	1700.79	213.45	2.27	1178.94	2711.64
264 ***	10	1351.16	129.36	2.27	1203.51	2294.86
					1066.21	1636.12

*Sequence missing 132 cm of core length
 **Sequence missing 186 cm of core length
 ***Sequence missing 73 cm of core length



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=NELOW GROUND BIOMASS (G/M 50) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT NELOW-GROUND BIOMASS SAMPLING ON SITE NUMBER ONE FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M 50)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
119	10	254.65	56.46	2.27	121.76	387.56
190	10	223.58	45.04	2.27	121.18	325.98
244	10	128.78	11.24	2.27	95.64	146.37

178.91
 178.00
 173.19
 170.29
 167.30
 164.40
 161.40
 158.50
 155.60
 152.70
 149.80
 146.90
 144.00
 141.10
 138.20
 135.30
 132.40
 129.50
 126.67
 123.77
 120.87
 117.97
 115.07
 112.17
 109.26
 106.36
 103.46
 100.56
 97.66
 94.76
 91.85
 88.95
 86.05
 83.15
 80.25
 77.34
 74.44
 71.54
 68.64
 65.74
 62.84
 59.94
 57.04
 54.14
 51.24
 48.34
 45.44
 42.52
 39.62
 36.72
 33.82

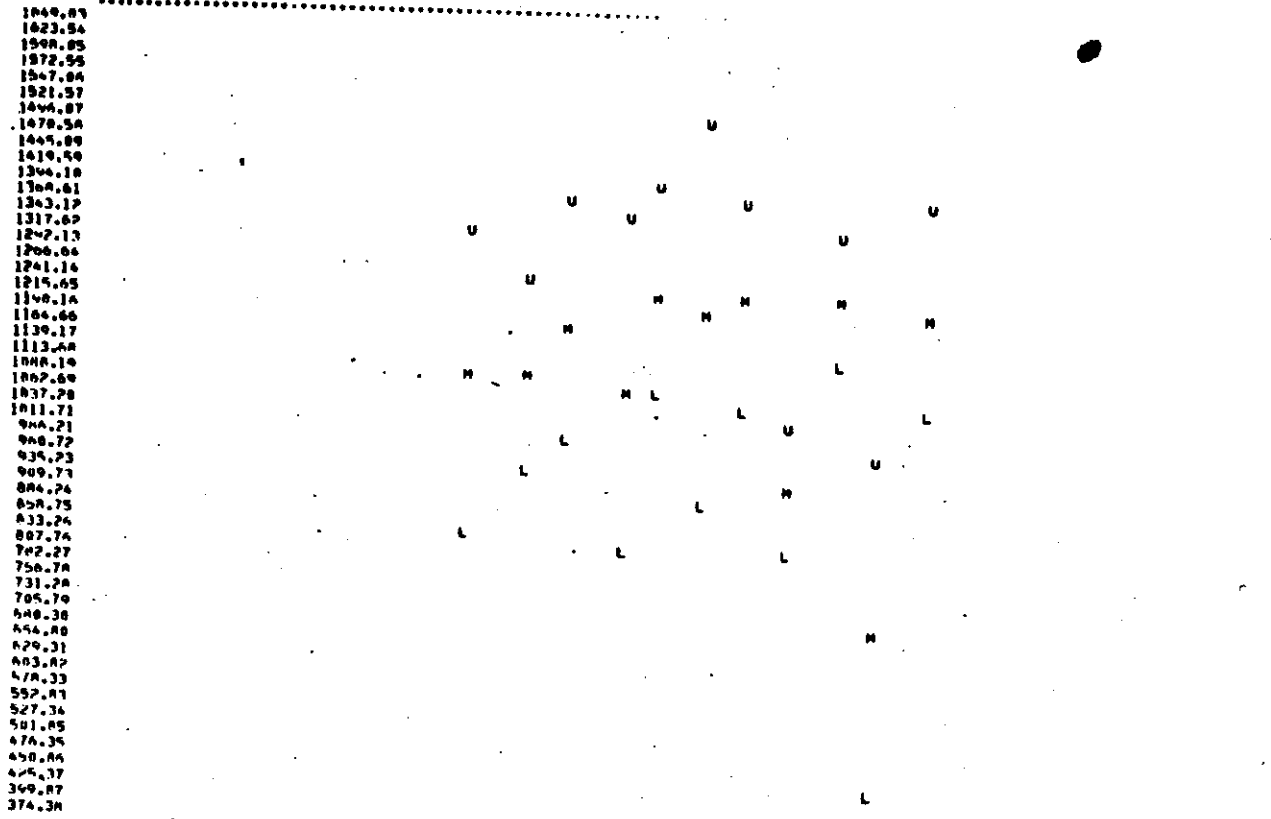
.....
 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 60- 80 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY.

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEL, THE E FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
110 *	7	107.88	22.35	2.46	52.72	162.64
198 *	7	88.76	20.82	2.46	37.58	139.95
244 **	10	83.02	15.45	2.27	47.89	118.14

*Sequence missing 7 cm of core length
 **Sequence missing 6 cm of core length



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE X
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 0-10 CM DEPTH

THESE DATA INCLUDE CHURN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANEL THT F FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
118	10	1075.86	111.33	2.27		
134	20	1085.85	75.39	2.03	822.75	1328.97
148	30	1175.68	96.18	2.02	932.75	1238.95
167	30	1073.82	132.46	2.02	901.11	1378.23
174	30	1226.08	84.11	2.02	805.88	1361.76
190	10	1150.73	125.64	2.02	1055.94	1396.22
203	30	1207.52	84.98	2.02	882.35	1499.12
217	30	917.94	99.45	2.02	1035.63	1379.41
231	30	1204.96	50.76	2.02	817.91	1817.97
244	10	688.57	119.90	2.02	1106.28	1311.63
248	30	1202.24	65.04	2.02	415.98	981.16
					1030.23	1376.25

1989.69
 1882.32
 1855.63
 1827.73
 1800.43
 1773.14
 1745.84
 1718.54
 1691.24
 1663.94
 1636.64
 1609.34
 1582.04
 1554.74
 1527.44
 1500.14
 1472.84
 1445.54
 1418.24
 1390.94
 1363.64
 1336.34
 1309.04
 1281.74
 1254.44
 1227.14
 1199.84
 1172.54
 1145.24
 1117.94
 1090.64
 1063.34
 1036.04
 1008.74
 981.44
 954.14
 926.84
 899.54
 872.24
 844.94
 817.64
 790.34
 763.04
 735.74
 708.44
 681.14
 653.84
 626.54
 599.24
 571.94
 544.64

1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=FLOW GROUND BIOMASS (G/M²) FOR 0-20 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT FLOW-GROUND BIOMASS SAMPLING ON SITE PANNELED TRIF FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
118 *	10	1389.00	117.01	2.27	1041.03	1577.29
198 *	10	1029.89	135.00	2.27	1122.15	1730.02
266 *	10	893.93	122.42	2.27	685.31	1101.95

*Sequence missing 10 cm of core length

2427.08
 2409.38
 2494.16
 2427.08
 2390.71
 2396.52
 2373.30
 2240.88
 2254.07
 2223.04
 2190.44
 2197.22
 2124.81
 2090.79
 2057.57
 2024.34
 1991.14
 1957.97
 1924.71
 1891.49
 1858.28
 1825.06
 1791.85
 1758.63
 1725.41
 1692.20
 1658.98
 1625.77
 1592.55
 1559.33
 1526.12
 1492.90
 1459.69
 1426.47
 1393.25
 1360.04
 1326.82
 1293.61
 1260.39
 1227.17
 1193.94
 1160.74
 1127.53
 1094.31
 1061.09
 1027.88
 994.66
 961.45
 928.23
 895.01
 861.80

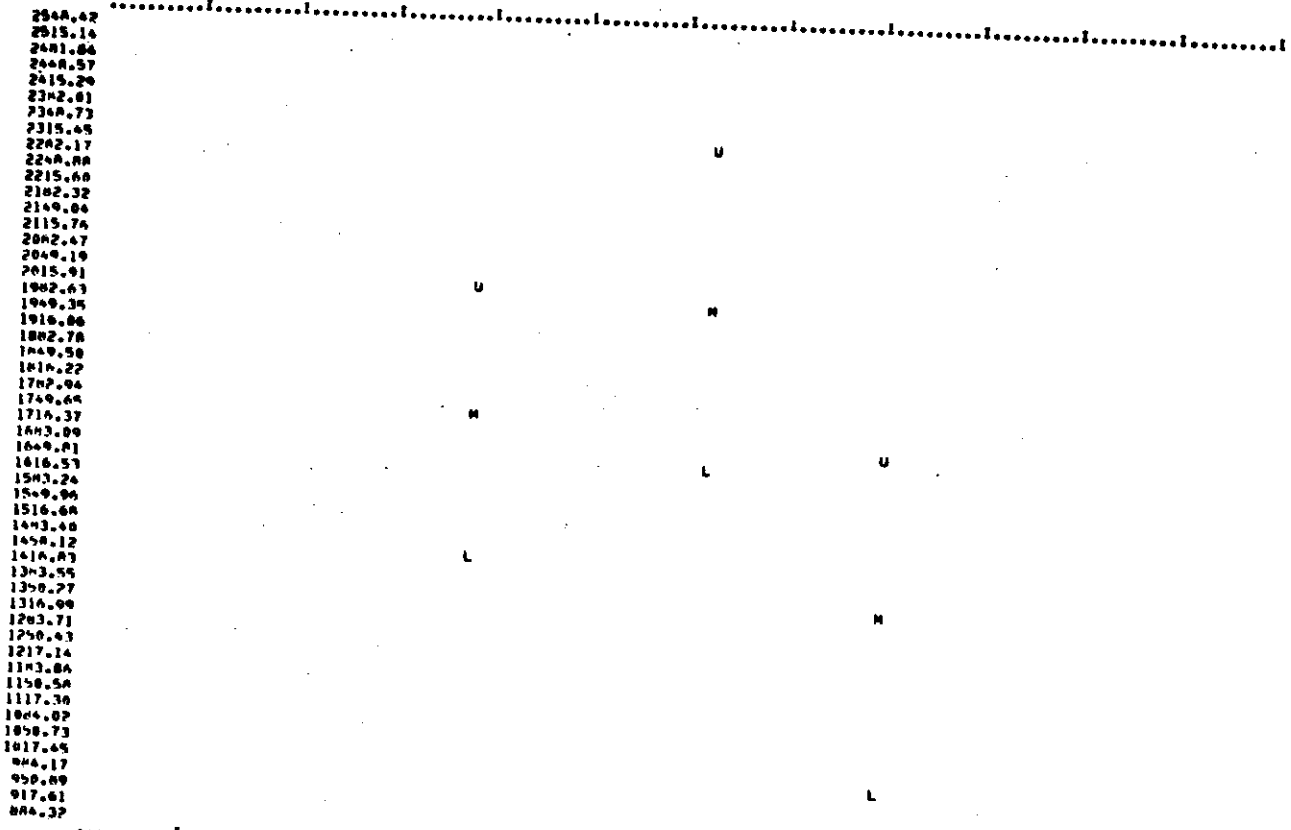
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SW) FOR 0- 60 CM DEPTH
 THESE DATA INCLUDE CHUM MATERIAL
 THESE DATA REPRESENT HYDRO-GROUND BIOMASS SAMPLING ON SITE PARCEL INT F FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SW)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
118*	10	1763.54	123.47			
190**	10	1955.19	148.70	2.27	1422.83	1984.25
244**	10	1300.76	150.95	2.27	1017.11	2293.27
					957.55	1643.93

*Sequence missing 93 cm of core length
 **Sequence missing 50 cm of core length



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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE :
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SOI FOR 0- 88 CM DEPTH

THESE DATA INCLUDE CHURN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL) PARCEL: THT F FOR 1970

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SOI)	STANDARD ERROR	TBL VALUE	LOWER LIMIT	UPPER LIMIT
118*	10	1741.34	127.02			
198**	10	1977.60	149.17	2.27	1452.55	2030.13
244***	10	1337.92	156.24	2.27	1036.45	2316.75
					982.58	1643.26

*Sequence missing 132 cm of core length
 **Sequence missing 186 cm of core length
 ***Sequence missing 73 cm of core length

304.77
 301.38
 297.89
 294.47
 291.04
 287.64
 284.22
 280.81
 277.39
 273.97
 270.54
 267.14
 263.72
 260.31
 256.89
 253.47
 250.04
 246.64
 243.22
 239.81
 236.39
 232.97
 229.56
 226.14
 222.73
 219.31
 215.89
 212.47
 209.04
 205.64
 202.23
 198.81
 195.39
 191.97
 188.54
 185.14
 181.73
 178.31
 174.89
 171.47
 168.04
 164.64
 161.23
 157.81
 154.40
 150.97
 147.56
 144.15
 140.73
 137.31
 133.90

1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 10-20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE MAHAR: TRT F FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEL VALUE	LOWER LIMIT	UPPER LIMIT
118	10	233.60	19.10			
190	10	234.35	16.39	2.27	198.17	277.02
244	10	145.06	20.36	2.27	108.78	241.35

537.35
540.30
541.24
533.14
525.13
517.07
504.02
500.94
497.90
484.84
478.79
468.73
460.68
452.62
444.56
436.51
428.45
420.39
412.34
404.28
396.22
388.17
379.11
372.05
364.00
355.94
347.88
339.83
331.77
323.71
315.66
307.60
299.54
291.49
283.43
275.38
267.32
259.26
251.21
243.15
235.09
227.04
218.98
210.92
202.87
194.81
186.75
178.70
170.64
162.58
154.51

1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

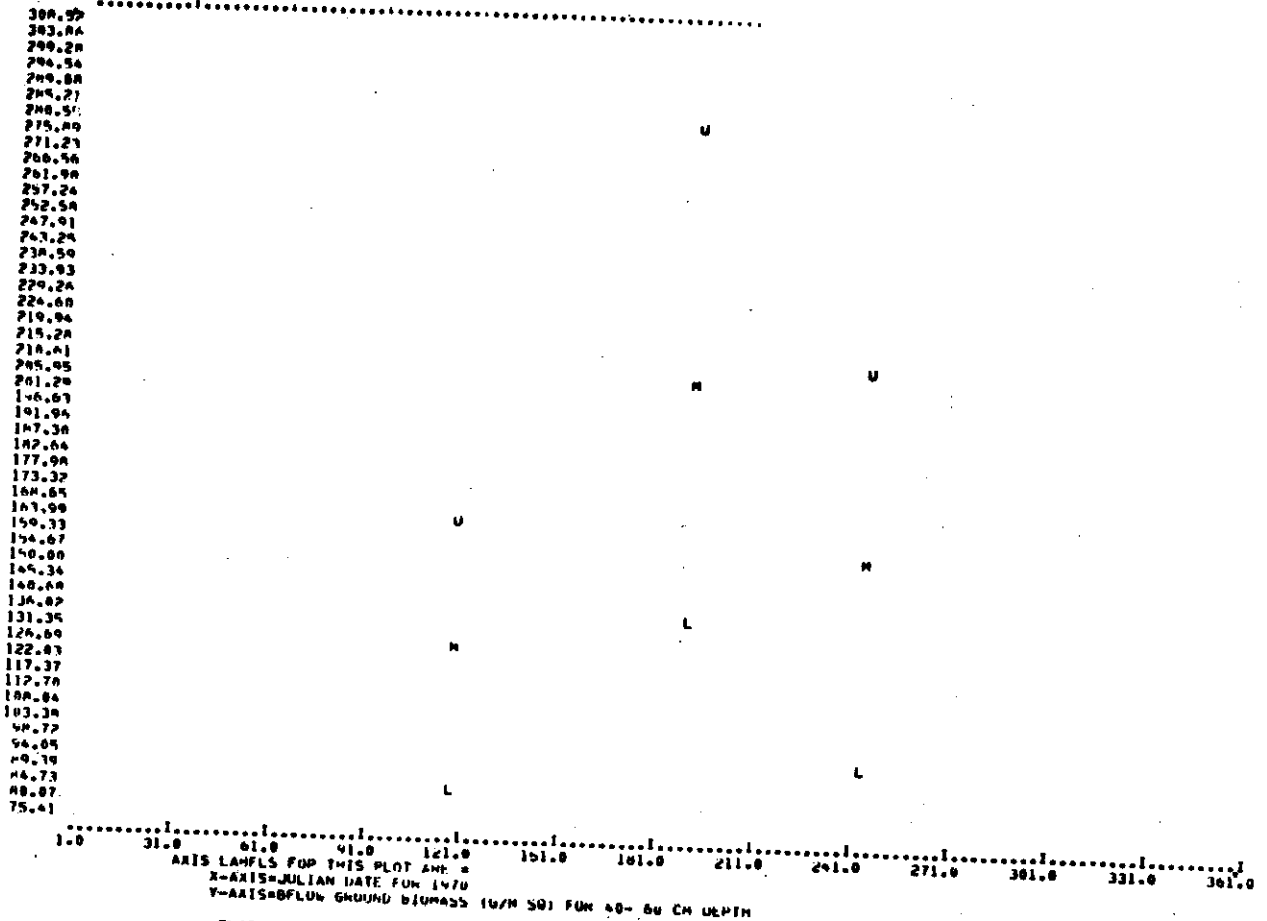
AKIS LARFLS FOR THIS PLOT ARE =
X-AXIS=JULIAN DATE FROM 1970
Y-AXIS=BELOW GROUND BIOMASS (W/M SU) FOR 20- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE MARINE, TRY F FOR 1970
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (W/M SU)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
118 *	10	282.04	29.31	2.27		
108	10	339.19	73.67	2.27	215.40	348.68
244	10	264.32	33.95	2.27	171.70	500.09
					187.14	341.51

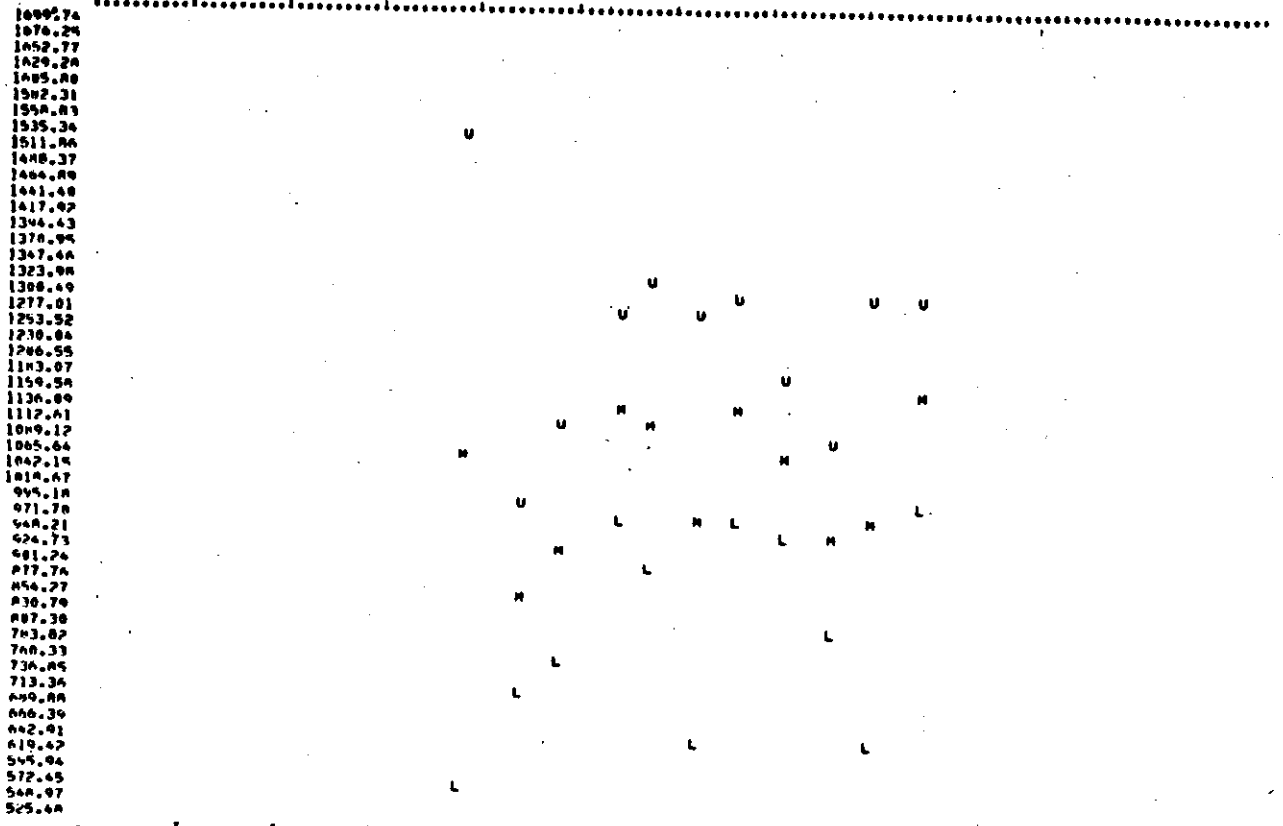
*Sequence missing 3 cm of core length



THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT FLOW-GROUND BIOMASS SAMPLING ON SITE (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL) PARALLEL TMT F FOR 1970

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
118 *	9	124.44	17.55	2.32	83.78	165.21
190	4	207.68	31.38	2.32	134.88	280.48
244 **	10	152.79	26.25	2.27	93.12	212.46

*Sequence missing 26 cm of core length
 **Sequence missing 12 cm of core length

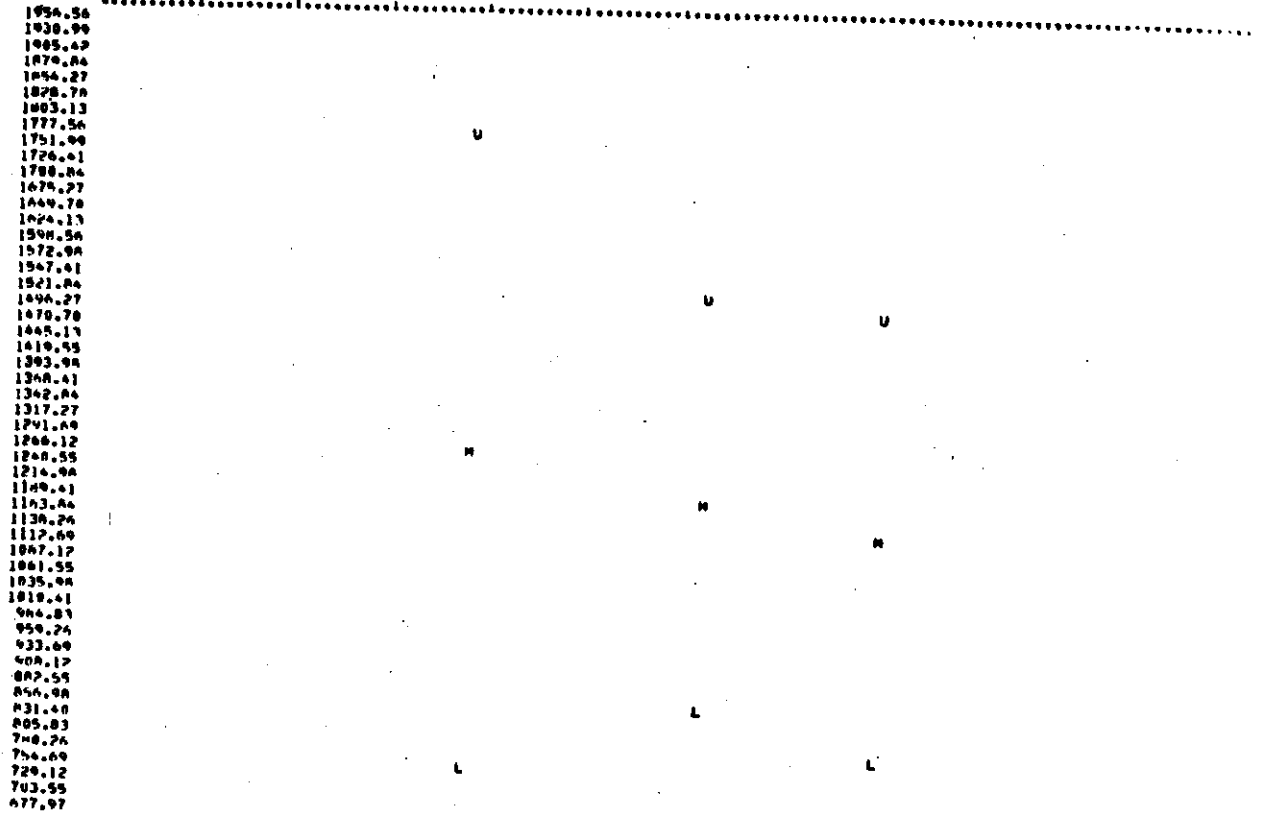


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CHURN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE MANNEE. TRY 6 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
114	10	1044.54	211.42	2.27	503.07	1545.22
134	24	850.05	86.81	2.93	715.17	986.53
144	30	929.64	84.92	2.92	757.07	1101.40
167	20	1124.74	73.45	2.93	975.50	1273.09
175	30	1116.15	102.13	2.92	909.50	1322.74
190	10	964.17	149.72	2.27	648.23	1280.11
203	30	1144.82	81.03	2.92	980.93	1308.72
217	30	1043.79	50.94	2.92	940.00	1170.97
231	20	948.07	72.10	2.93	802.24	1095.09
244	10	972.70	147.03	2.27	630.47	1307.06
240	30	1151.00	75.50	2.92	990.36	1303.81



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 0-20 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 6 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEL VALUE	LOWER LIMIT	UPPER LIMIT
114 *	10	1266.88	225.51	2.27	753.30	1778.69
140 *	10	1195.83	143.55	2.27	869.46	1522.20
244	10	1147.95	156.50	2.27	792.01	1503.89

* Sequence missing 10 cm of core length

4053.77
 3968.88
 3924.49
 3880.10
 3795.71
 3731.37
 3668.93
 3602.53
 3538.14
 3473.75
 3409.35
 3344.97
 3280.58
 3216.19
 3151.80
 3087.41
 3023.02
 2958.63
 2894.24
 2829.84
 2765.45
 2701.07
 2636.68
 2572.29
 2507.90
 2443.50
 2379.11
 2314.72
 2250.33
 2185.94
 2121.55
 2057.16
 1992.77
 1928.38
 1863.99
 1799.60
 1735.21
 1670.82
 1606.43
 1542.04
 1477.65
 1413.26
 1348.87
 1284.47
 1220.08
 1155.69
 1091.30
 1026.91
 962.52
 898.13
 833.74

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE :
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=HELIX GROUND BIOMASS (G/M SW) FOR 0- 60 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT HELIX-GROUND BIOMASS SAMPLING ON SITE PANNEL TRT 6 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SW)	STANDARD ERROR	TILL VALUE	LOWER LIMIT	UPPER LIMIT
118 *	10	1835.86	230.39	2.27	1112.96	2159.65
190 **	10	2305.58	606.64	2.27	426.38	3684.79
244	10	1567.01	145.11	2.27	1086.10	1927.05

*Sequence missing 62 cm of core length
 **Sequence missing 50 cm of core length

4115.30
 4050.50
 3985.71
 3920.91
 3856.12
 3791.33
 3726.53
 3661.74
 3596.94
 3532.15
 3467.35
 3402.56
 3337.77
 3272.97
 3208.18
 3143.39
 3078.59
 3013.79
 2949.00
 2884.20
 2819.41
 2754.62
 2689.82
 2625.03
 2560.23
 2495.44
 2430.64
 2365.85
 2301.06
 2236.26
 2171.47
 2106.67
 2041.88
 1977.08
 1912.29
 1847.50
 1782.70
 1717.91
 1653.11
 1588.32
 1523.52
 1458.73
 1393.93
 1329.14
 1264.35
 1199.55
 1134.74
 1069.96
 1005.17
 940.37
 875.58

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 80 CM DEPTH

THESE DATA INCLUDE CHURN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PARALLEl TRT G FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEL VALUE	LOWER LIMIT	UPPER LIMIT
118-*	10	1787.61	236.28	2.27		
190-***	10	2357.82	608.82	2.27	1174.97	2240.26
244-***	10	1573.22	191.94	2.27	972.87	3741.18
					1136.86	2809.59

*Sequence missing 147 cm of core length
 **Sequence missing 111 cm of core length
 ***Sequence missing 6 cm of core length

317.71
 313.51
 309.50
 305.30
 301.20
 297.14
 293.07
 288.97
 284.84
 280.75
 276.65
 272.54
 268.41
 264.33
 260.22
 256.11
 252.01
 247.90
 243.79
 239.69
 235.58
 231.47
 227.37
 223.24
 219.15
 215.05
 210.94
 206.87
 202.73
 198.62
 194.51
 190.41
 186.30
 182.19
 178.09
 173.98
 169.87
 165.77
 161.66
 157.55
 153.45
 149.34
 145.23
 141.13
 137.02
 132.91
 128.81
 124.70
 120.59
 116.49
 112.38

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE INT 6 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TCL VALUE	LOWER LIMIT	UPPER LIMIT
118	10	201.45	21.40	2.27		
190	10	227.46	26.91	2.27	152.81	250.10
244	10	175.20	22.14	2.27	124.87	208.03
						225.53

886.91
 853.71
 837.09
 822.12
 804.33
 798.53
 774.71
 758.96
 743.14
 727.34
 711.54
 695.74
 679.96
 664.14
 648.37
 632.57
 616.74
 600.96
 585.18
 569.39
 553.54
 537.80
 522.08
 506.21
 490.41
 474.67
 458.89
 443.03
 427.23
 411.41
 395.64
 379.84
 364.05
 348.24
 332.44
 316.66
 300.84
 285.07
 269.27
 253.48
 237.68
 221.89
 206.09
 190.29
 174.50
 158.70
 142.91
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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 20-40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNED TMT 8 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
118 *	10	298.99	38.58	2.27	173.28	348.70
198	10	439.52	154.38	2.27	88.58	790.46
264	10	197.61	21.85	2.27	149.75	245.47

*Sequence is missing 6 cm of core length

2886.10
 2828.67
 1977.14
 1929.66
 1874.13
 1822.61
 1771.10
 1719.58
 1668.07
 1616.55
 1565.04
 1513.53
 1462.01
 1410.50
 1358.98
 1307.47
 1255.95
 1204.44
 1152.92
 1101.41
 1049.90
 998.38
 946.86
 895.35
 843.83
 792.32
 740.80
 689.29
 637.77
 586.26
 534.74
 483.23
 431.72
 380.20
 328.68
 277.17
 225.66
 174.14
 122.63
 71.11
 19.60
 -31.92
 -83.43
 -134.95
 -186.46
 -237.98
 -289.49
 -341.01
 -392.52
 -444.04
 -495.55

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1970
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 40-60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMBLE TRT 6 FOR 1970
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
118	9	170.97	22.12	2.32	69.07	172.28
108	10	470.23	530.94	2.27	-495.55	1891.00
244	10	161.45	30.10	2.27	83.03	239.06

Note: Asterisks appearing in graph indicate a lower confidence limit which has a negative value.

147.26
 150.21
 150.16
 153.11
 150.00
 147.01
 143.94
 140.90
 137.84
 134.80
 131.74
 128.70
 125.65
 122.60
 119.55
 116.50
 113.44
 110.39
 107.34
 104.29
 101.24
 98.19
 95.14
 92.09
 89.04
 85.98
 82.93
 79.88
 76.83
 73.78
 70.73
 67.68
 64.63
 61.58
 58.52
 55.47
 52.42
 49.37
 46.32
 43.27
 40.22
 37.17
 34.12
 31.06
 28.01
 24.96
 21.91
 18.86
 15.81
 12.76
 9.71

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 X-AXIS=JULIAN DATE FOR 1978
 Y-AXIS=BELUM GROUND BIOMASS (G/M SH) FOR 60- 80 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELUM-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRY G FOR 1978
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SH)	STANDARD ERROR	TEL VALUE	LOWER LIMIT	UPPER LIMIT
119 *	8	89.49	24.38	2.38	31.87	147.51
190 **	7	73.48	18.22	2.46	28.68	118.29
244	10	66.21	24.38	2.27	18.79	121.63

*Sequence missing 39 cm of core length
 **Sequence missing 17 cm of core length

7.2 Data for 1971

7.2.1 Treatments

Belowground herbage biomass was sampled on the Pawnee Site, 1971, on four basically different treatment types. These treatment types include grazing intensities of treatments 1, 2, 3, 4, and 6; the environmental stress area of treatments D, E, F, and G; herbicide treatments of treatments K, L, M, and N; and insecticide treatments of treatments H, I, and J. The data for insecticide treatments H, I, and J will not be reported on at this time because it was not considered feasible to bring these data up to uniform standards. The other three types of data will be listed independent of each other by treatment.

7.2.2 Grazing Intensities

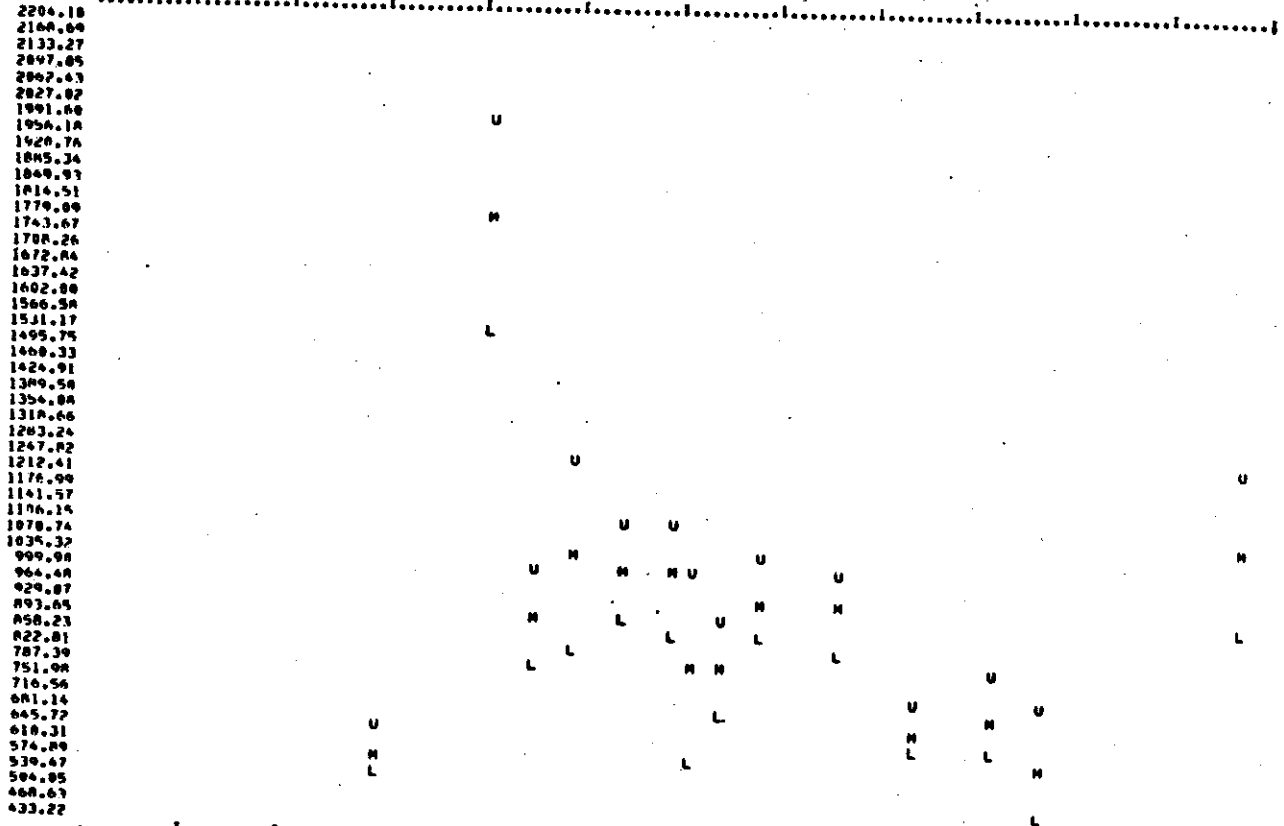
Treatment 1 was sampled on each of two replicates for 14 dates during the 1971 season, with deep sampling being done on two dates. Depth increments were 0 to 5, 5 to 10, and by 10 cm levels thereafter down to the 70 cm level with only sparse data being available at the deeper levels. The crown material was separated and reported on an ash-free basis as the 0 to 0 cm level. Treatments 2, 3, and 4 were sampled on each of two replicates only five times during the growing season with samples on two dates being taken down to the deep depths and the samples on the other dates being down to the 10 cm level. Treatment 6 was sampled 11 times during the 1971 season. All the sampling dates for treatment 6 were down to the 10 cm level only. Crowns are reported as the 0 to 0 cm level. All data were reported on an ash-free weight basis.

734.07
729.37
704.67
698.97
678.22
661.52
646.82
632.12
617.42
602.72
588.02
573.32
558.62
543.92
529.22
514.52
499.82
485.12
470.42
455.71
441.01
426.31
411.61
396.91
382.21
367.51
352.81
338.11
323.41
308.71
294.01
279.31
264.61
249.91
235.21
220.51
205.81
191.11
176.41
161.71
147.00
132.30
117.60
102.90
88.20
73.50
58.80
44.10
29.40
14.70
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
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AXIS LABELS FOR THIS PLOT ARE -
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 0- 8 CM DEPTH
.....
THESE DATA INCLUDE CHOWN MATERIAL
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE MANNEE, TRT 1 FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
91	48	0.00	0.00	1.98	0.00	0.00
125	48	499.92	68.52	1.98	379.85	620.00
139	48	293.69	27.98	1.98	238.19	349.20
152	48	438.26	105.08	1.98	221.81	638.71
165	48	347.45	49.18	1.98	289.57	485.34
180	48	372.40	40.82	1.98	291.41	453.39
187	48	272.90	33.15	1.98	207.13	338.66
197	48	342.50	32.82	1.98	278.97	486.04
208	48	378.25	29.53	1.98	319.65	436.85
231	48	409.84	32.69	1.98	344.99	474.70
256	48	251.82	28.11	1.98	211.92	291.71
279	24	263.33	23.33	2.85	215.46	311.19
296	24	288.48	32.10	2.85	148.64	272.32
356	24	543.86	61.01	2.85	417.92	668.20



AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANWEE, TRT 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
91	48	589.78	32.77	1.98		
175	48	1762.14	121.76	1.98	524.69	654.71
139	48	896.08	54.84	1.98	1520.55	2803.73
152	48	1041.78	118.74	1.98	788.87	1003.29
165	48	991.62	53.87	1.98	821.99	1261.41
188	48	984.69	68.87	1.98	884.73	1098.51
187	48	789.09	106.61	1.98	649.64	1119.73
197	48	796.48	52.45	1.98	577.57	1000.61
208	48	934.75	44.83	1.98	692.41	900.55
231	48	921.45	44.11	1.98	847.39	1022.11
256	48	658.88	32.44	1.98	833.94	1008.96
279	24	689.86	44.12	2.05	593.71	722.44
296	24	591.21	53.56	2.05	598.57	779.55
358	24	1068.38	84.19	2.05	481.35	781.06
					895.61	1240.98

1407.84
 1470.74
 1461.67
 1443.54
 1425.50
 1407.41
 1389.32
 1371.24
 1353.15
 1335.07
 1316.98
 1298.90
 1280.81
 1262.73
 1244.64
 1226.55
 1208.47
 1190.38
 1172.30
 1154.21
 1136.13
 1118.04
 1099.96
 1081.87
 1063.78
 1045.70
 1027.61
 1009.53
 991.44
 973.36
 955.27
 937.19
 919.10
 901.01
 882.93
 864.84
 846.76
 828.67
 810.59
 792.50
 774.42
 756.33
 738.24
 720.16
 702.07
 683.99
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 611.65
 593.56

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AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 30 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMMEE, TRY 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
182	72	1061.22	152.71	1.97	760.77	1361.67
296	24	774.77	56.19	2.05	659.51	898.02

1726.53
 1706.72
 1686.90
 1667.09
 1647.27
 1627.46
 1607.64
 1587.83
 1568.01
 1548.20
 1528.38
 1508.57
 1488.75
 1468.94
 1449.12
 1429.31
 1409.49
 1389.68
 1369.86
 1350.05
 1330.23
 1310.42
 1290.60
 1270.79
 1250.97
 1231.16
 1211.34
 1191.53
 1171.71
 1151.90
 1132.08
 1112.27
 1092.45
 1072.64
 1052.82
 1033.01
 1013.19
 993.38
 973.56
 953.75
 933.93
 914.12
 894.30
 874.49
 854.67
 834.86
 815.04
 795.23
 775.41
 755.60
 735.78

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

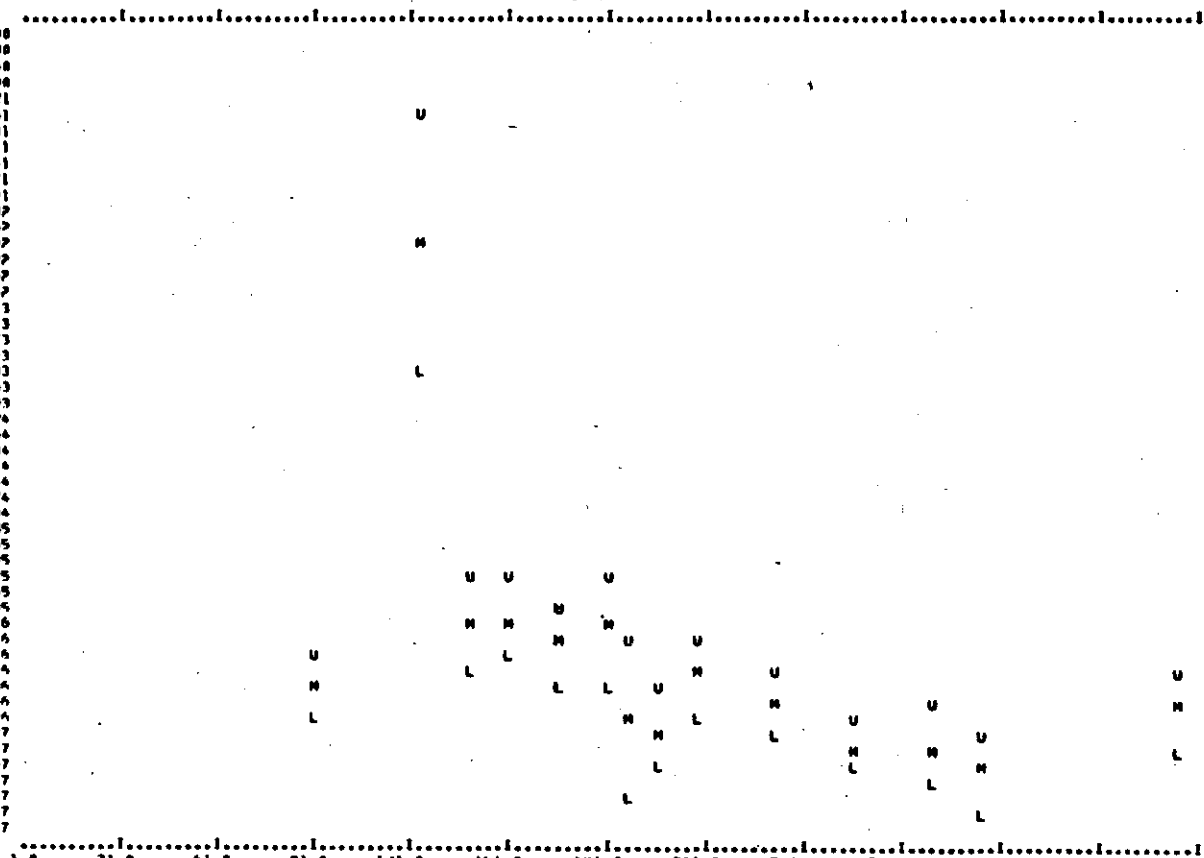
AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 60 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANMEE, TRY 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
182*	72	1214.93	188.26	1.97	868.29	1509.58
296	24	942.62	68.99	2.05	817.54	1067.71

*Sequence missing 339 cm of core length.

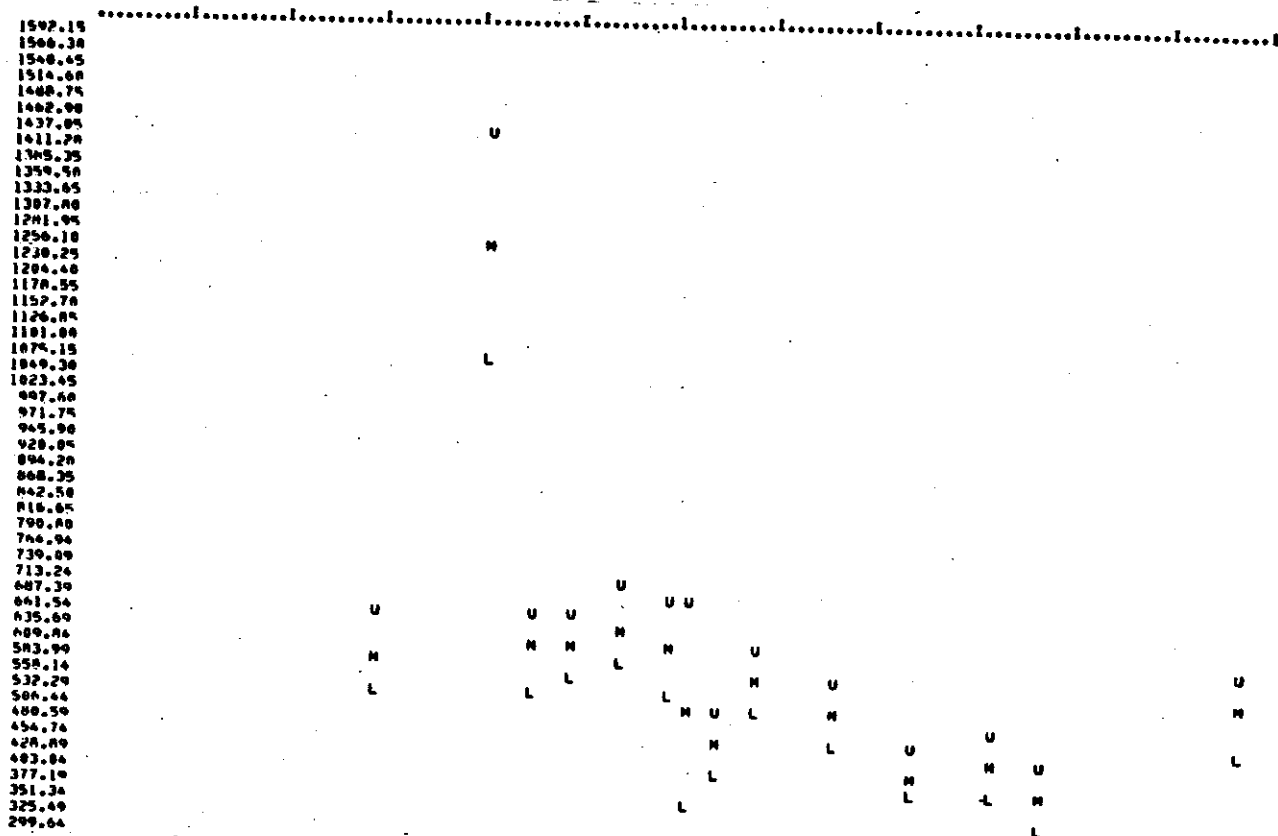
1191.80
1171.30
1151.60
1131.90
1112.21
1092.51
1072.81
1053.11
1033.41
1013.71
994.01
974.32
954.62
934.92
915.22
895.52
875.82
856.11
836.43
816.73
797.03
777.33
757.63
737.93
718.24
698.54
678.84
659.14
639.44
619.74
600.04
580.35
560.65
540.95
521.25
501.55
481.85
462.16
442.46
422.76
403.04
383.34
363.64
343.94
324.24
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206.04



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE *
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M 50) FOR 0- 5 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRI 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M 50)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
91	48	378.67	21.13	1.98	336.76	420.59
125	48	928.75	77.61	1.98	774.77	1002.73
139	48	462.47	33.28	1.98	396.59	528.35
152	48	464.12	24.52	1.98	415.48	512.76
165	48	448.54	24.46	1.98	392.00	489.08
180	48	453.04	32.97	1.98	387.62	518.46
187	48	336.88	48.59	1.98	248.47	433.28
197	48	325.34	24.53	1.98	276.68	374.00
208	48	395.65	21.46	1.98	353.07	438.22
231	48	366.13	28.32	1.98	325.80	406.45
256	48	311.99	19.83	1.98	286.57	333.41
270	24	318.58	22.55	2.85	264.32	358.84
296	24	278.63	24.21	2.85	228.97	328.28
356	24	358.58	23.55	2.85	318.28	400.00



AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0-10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
91	48	589.78	32.77	1.98		
125	48	1262.22	93.34	1.98	524.69	654.71
139	48	882.38	34.79	1.98	1877.83	1447.41
152	48	611.44	29.99	1.98	533.54	871.23
165	48	644.17	32.23	1.98	553.92	868.95
180	48	612.29	36.72	1.98	588.22	788.11
187	48	516.19	89.39	1.98	539.43	685.15
197	48	453.98	26.49	1.98	338.83	693.56
208	48	556.58	26.49	1.98	408.64	507.33
231	48	511.61	22.63	1.98	503.94	609.86
256	48	486.26	18.59	1.98	466.71	586.51
279	24	425.73	26.28	1.98	369.38	443.14
296	24	384.73	25.25	2.05	371.99	479.48
356	24	325.24	38.08	2.05	332.94	436.52
					463.71	586.76

1176.95
 1100.15
 1145.76
 1131.36
 1116.97
 1102.50
 1088.10
 1073.70
 1059.40
 1045.00
 1030.61
 1016.21
 1001.82
 987.43
 973.03
 958.64
 944.24
 929.85
 915.45
 901.06
 886.67
 872.27
 857.88
 843.49
 829.09
 814.70
 800.30
 785.91
 771.52
 757.12
 742.73
 728.34
 713.94
 699.55
 685.15
 670.76
 656.37
 641.97
 627.58
 613.18
 598.79
 584.40
 570.00
 555.61
 541.21
 526.82
 512.43
 498.03
 483.64
 469.24
 454.85

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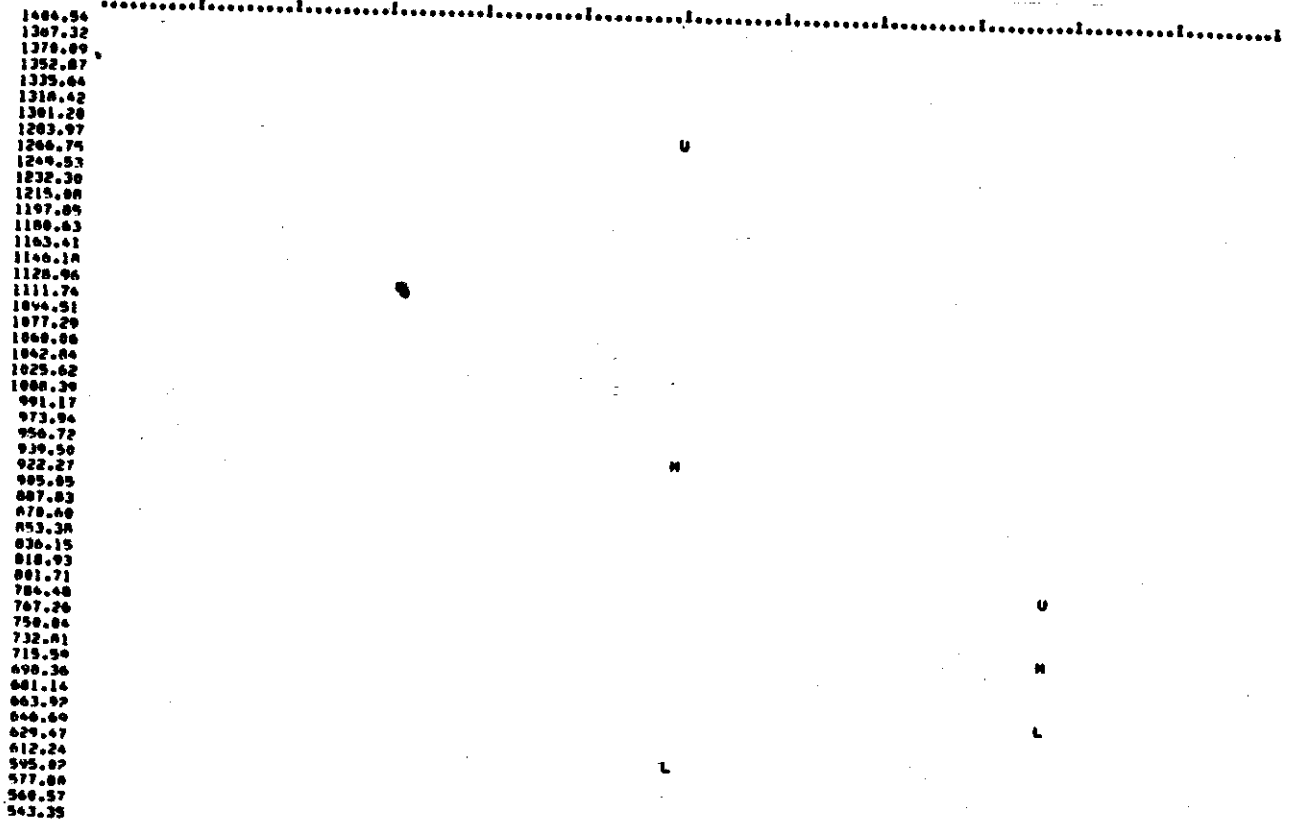
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMNEE, TRT 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
102	72	786.58	142.93	1.97	565.39	1067.77
296	26	568.29	28.76	2.85	589.30	627.28

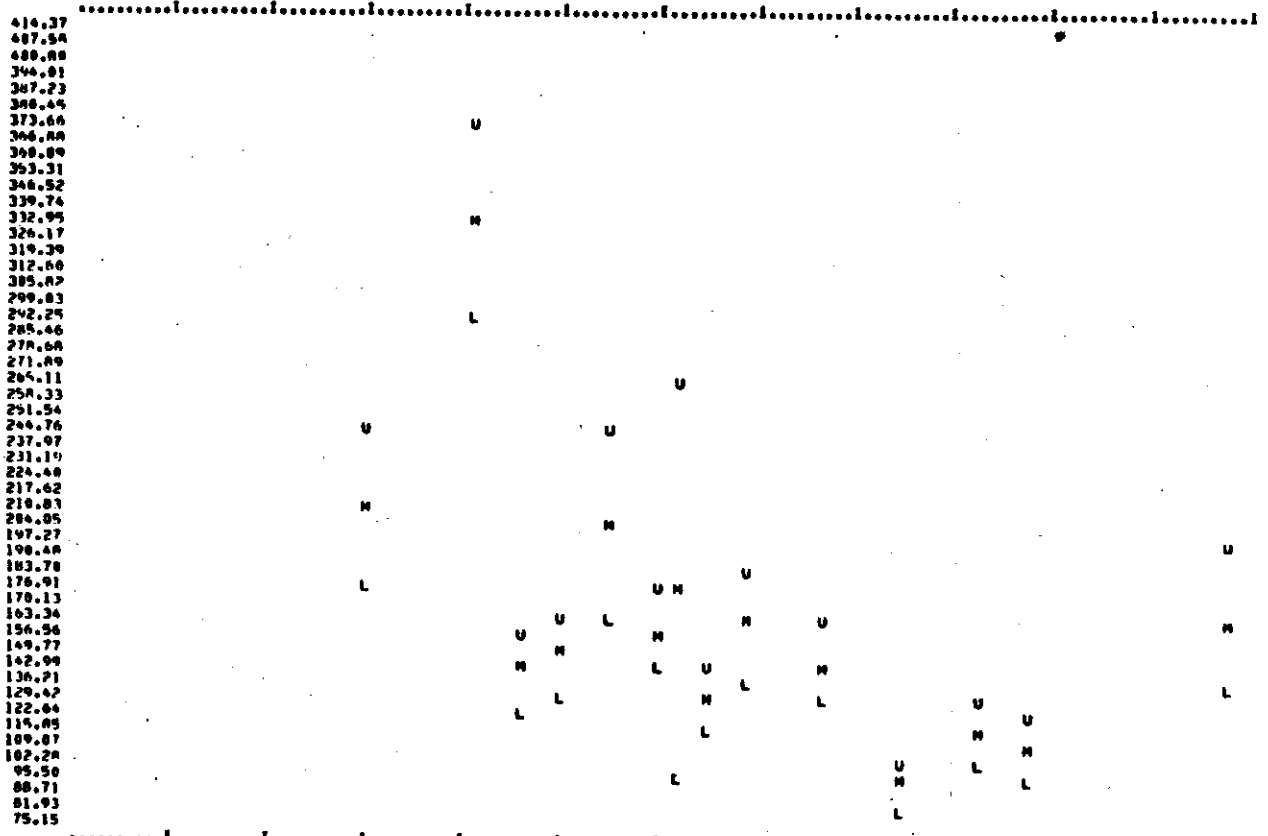


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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
182 *	72	949.29	171.87	1.97	603.72	1276.85
296	26	736.15	34.97	2.05	664.42	807.87

*Sequence missing 339 cm of core length.



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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M 50) FOR 5- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANOLE, TRT 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M 50)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
91	48	211.03	15.69	1.90	179.90	242.16
125	48	333.47	21.79	1.90	290.24	376.70
139	48	139.91	7.83	1.90	124.38	155.45
152	48	147.32	7.07	1.90	131.71	162.93
165	48	293.62	19.11	1.90	165.70	241.55
180	48	159.25	7.76	1.90	143.85	174.64
197	48	179.31	42.10	1.90	95.62	263.01
208	48	128.64	6.76	1.90	115.23	142.86
231	48	160.85	12.97	1.90	135.13	186.58
256	48	145.48	9.24	1.90	127.14	163.82
279	24	94.27	5.43	1.90	83.50	105.04
296	24	115.16	7.52	2.05	99.73	130.58
356	24	166.19	6.69	2.05	122.30	119.83
		166.85	16.35	2.05	133.12	200.19

397.68
 398.71
 383.95
 377.18
 378.42
 363.65
 356.89
 358.13
 343.36
 336.68
 329.83
 323.87
 316.38
 309.54
 302.77
 296.01
 289.24
 282.48
 275.71
 268.95
 262.19
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 235.13
 228.36
 221.60
 214.83
 208.07
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 194.54
 187.77
 181.01
 174.24
 167.48
 160.72
 153.95
 147.19
 140.42
 133.66
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 106.60
 99.83
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 79.54
 72.77
 66.01
 59.25

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWEE, TRT 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
187	48	213.59	74.47	1.98	65.83	361.34
296	24	106.53	6.28	2.05	93.64	119.41

279.84
 274.44
 269.97
 265.35
 260.79
 256.23
 251.67
 247.10
 242.54
 237.98
 233.42
 228.85
 224.29
 219.73
 215.17
 210.48
 206.04
 201.44
 196.92
 192.35
 187.79
 183.23
 178.67
 174.10
 169.54
 164.98
 160.42
 155.85
 151.29
 146.73
 142.17
 137.60
 133.04
 128.48
 123.92
 119.35
 114.79
 110.23
 105.67
 101.10
 96.54
 91.98
 87.42
 82.86
 78.29
 73.73
 69.17
 64.60
 60.04
 55.48
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 20- 30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMNLE, TRY 1 FOR 1971
 (CONFIENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
187	48	155.12	49.67	1.98	56.57	253.67
246	24	77.83	6.31	2.85	64.69	89.97

188.51
 177.71
 174.00
 172.89
 168.20
 166.48
 163.68
 160.87
 158.07
 154.26
 152.44
 149.65
 146.85
 144.04
 141.23
 138.43
 135.62
 132.82
 130.01
 127.21
 124.40
 121.60
 118.79
 114.99
 113.18
 110.38
 107.57
 104.76
 101.96
 99.15
 96.35
 93.54
 90.74
 87.93
 85.13
 82.32
 79.52
 76.71
 73.90
 71.10
 68.29
 65.48
 62.68
 59.88
 57.07
 54.27
 51.46
 48.66
 45.85
 43.05
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 30- 40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMWEE, TRT 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
187	48	184.41	38.89	1.98	44.71	164.10
204	20	60.69	4.88	2.85	50.67	70.71

11.52
 89.96
 88.48
 86.87
 85.27
 83.78
 82.14
 80.58
 79.01
 77.45
 75.88
 74.32
 72.76
 71.19
 69.61
 68.07
 66.58
 64.94
 63.37
 61.81
 60.25
 58.68
 57.12
 55.55
 53.99
 52.43
 50.86
 49.30
 47.74
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 43.06
 41.48
 39.92
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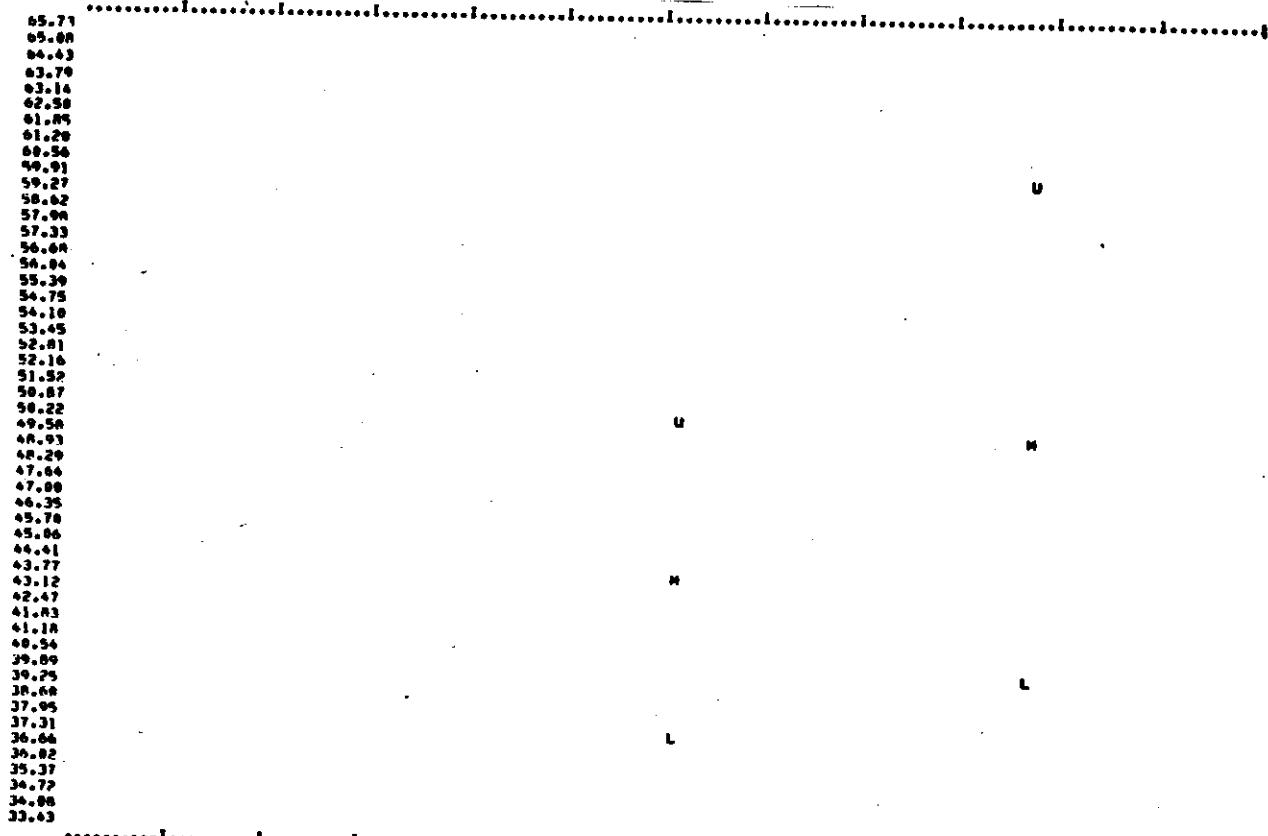
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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 40- 50 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANMEE, TRI 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
187	48	83.48	11.37	1.98	68.85	105.95
296	24	57.38	7.16	2.85	42.61	71.98

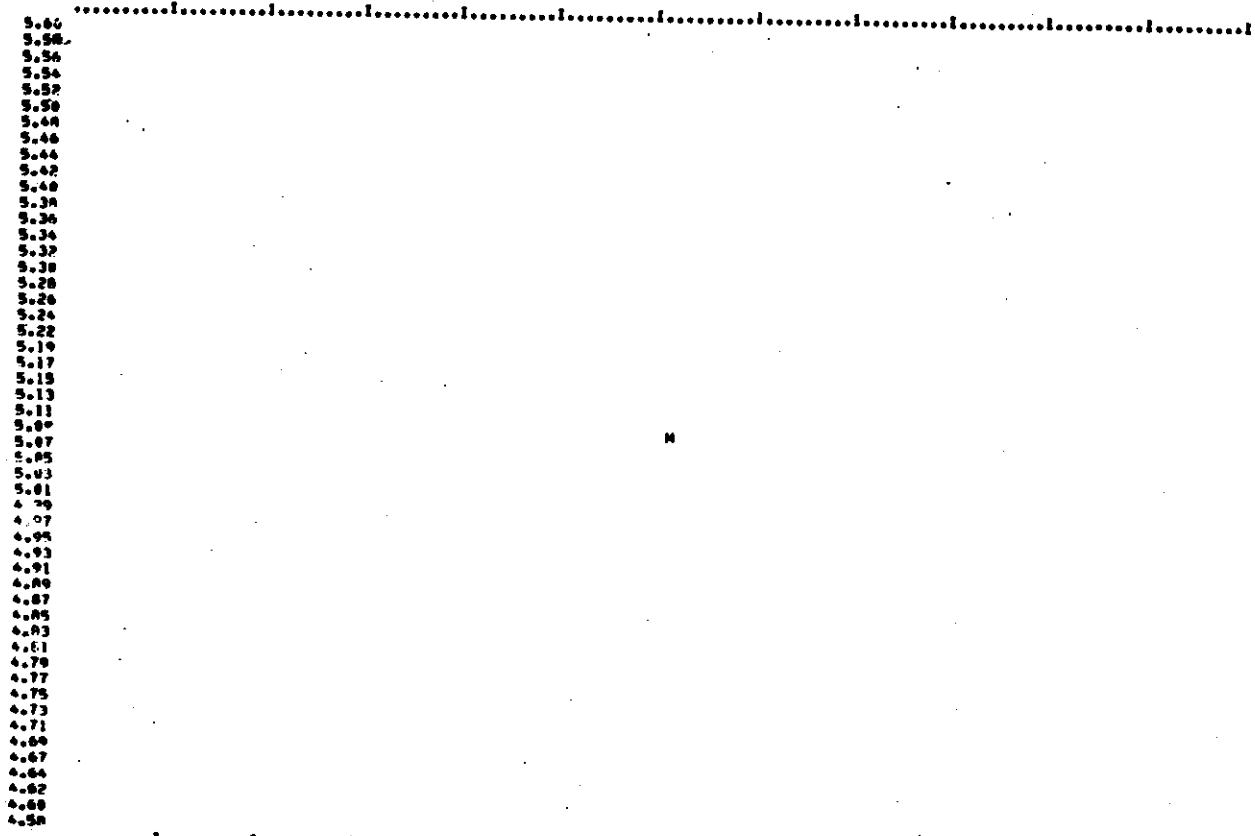


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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE *
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 50- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAYNEE, TRT 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
187*	47	43.67	3.29	1.99	37.15	50.19
296	24	49.87	4.82	2.85	39.99	59.75

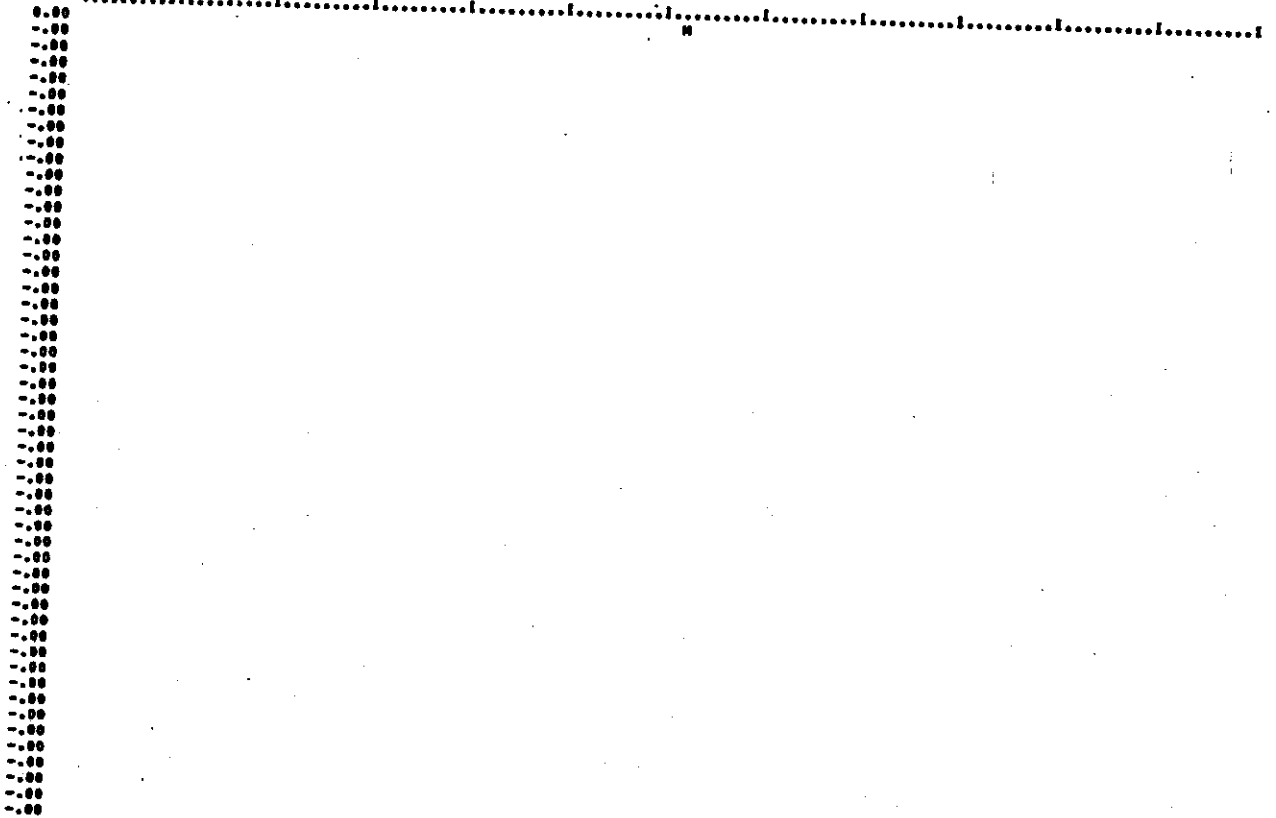
*Sequence missing 39 cm of core length.



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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE *
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 60- 70 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNEE, TRT 1 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

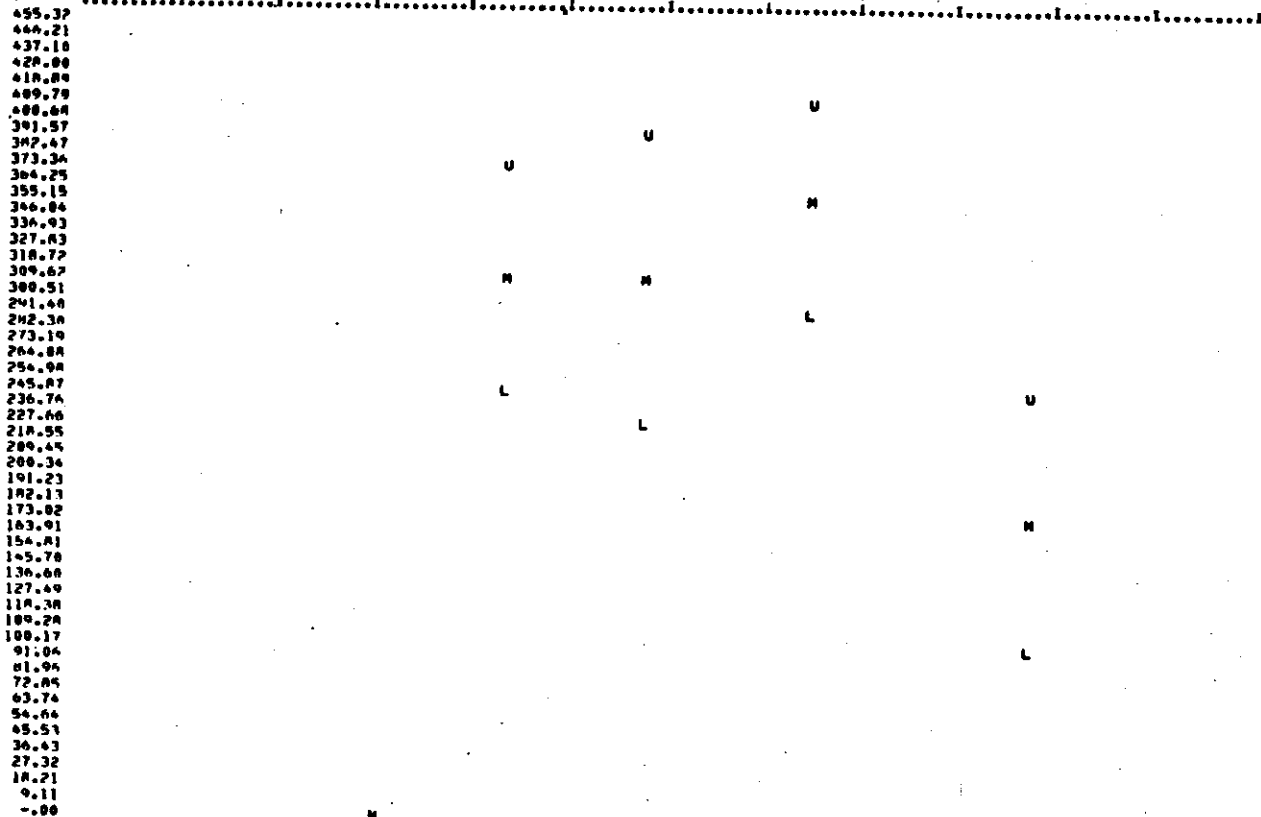
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
187	1	5.09	0.00	0.00	5.09	5.09



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIONASS (G/M SQ) FOR 70- 80 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIONASS SAMPLING ON SITE PANNEE, TRT 1 FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

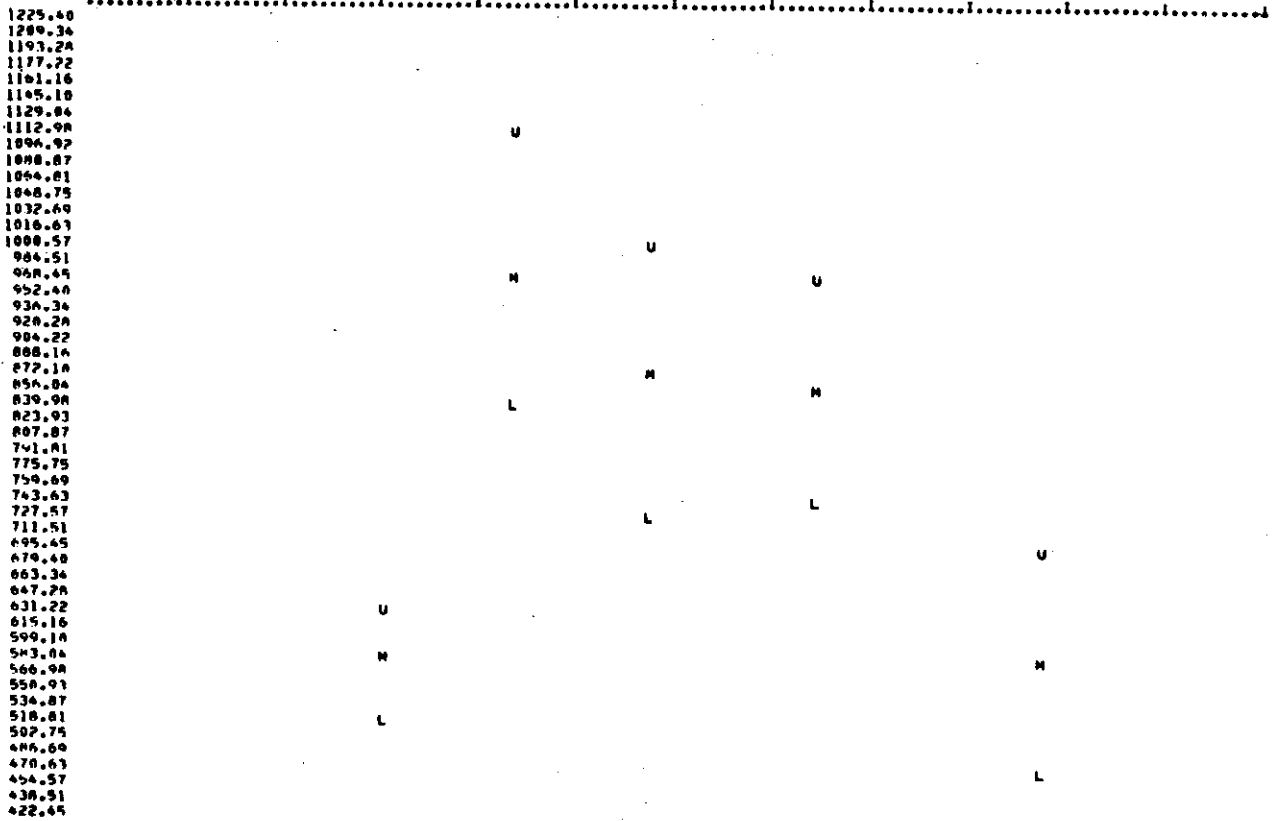
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
107	1	0.00	0.00	0.00	0.00	0.00



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 0 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMNEE, TRT 2 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
93	40	0.00	0.00	1.90	0.00	0.00
134	40	300.55	33.80	1.90	241.40	375.61
176	40	300.64	41.71	1.90	223.67	309.40
225	40	351.09	31.27	1.90	289.85	413.92
296	24	174.81	34.92	2.05	102.40	245.62



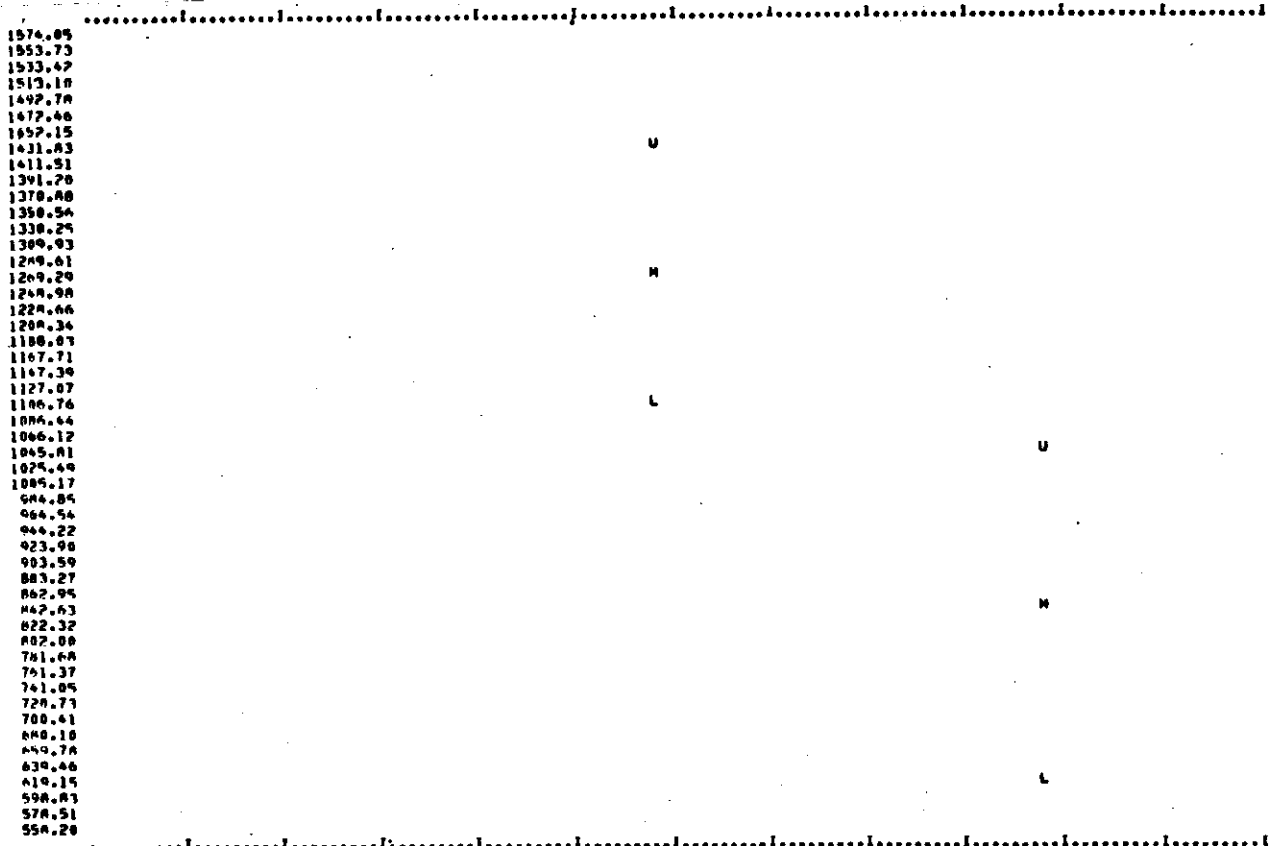
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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DERTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRT 2 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
93*	48	579.28	28.19	1.98	523.36	635.21
134	48	866.64	69.64	1.98	837.85	1114.00
176	48	857.88	69.33	1.98	727.07	1002.20
225	48	580.17	57.19	1.98	746.42	971.35
296	24		54.81	2.05	489.39	690.95

*Sequence missing crown material.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 0- 30 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEL. TRY 2 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
176 *	40	1272.60	79.81	1.98	1114.25	1430.95
296	20	837.16	105.77	2.85	629.22	1054.09

*Sequence missing 20 cm of core length.

2156.89
 2127.60
 2098.30
 2069.01
 2039.71
 2010.42
 1981.12
 1951.83
 1922.53
 1893.24
 1863.95
 1834.65
 1805.36
 1776.06
 1746.77
 1717.47
 1688.18
 1658.88
 1629.59
 1600.30
 1571.00
 1541.71
 1512.41
 1483.12
 1453.82
 1424.53
 1395.23
 1365.94
 1336.65
 1307.35
 1278.06
 1248.76
 1219.47
 1190.17
 1160.88
 1131.58
 1102.29
 1073.00
 1043.70
 1014.41
 985.11
 955.82
 926.52
 897.23
 867.93
 838.64
 809.35
 780.05
 750.76
 721.46
 692.17

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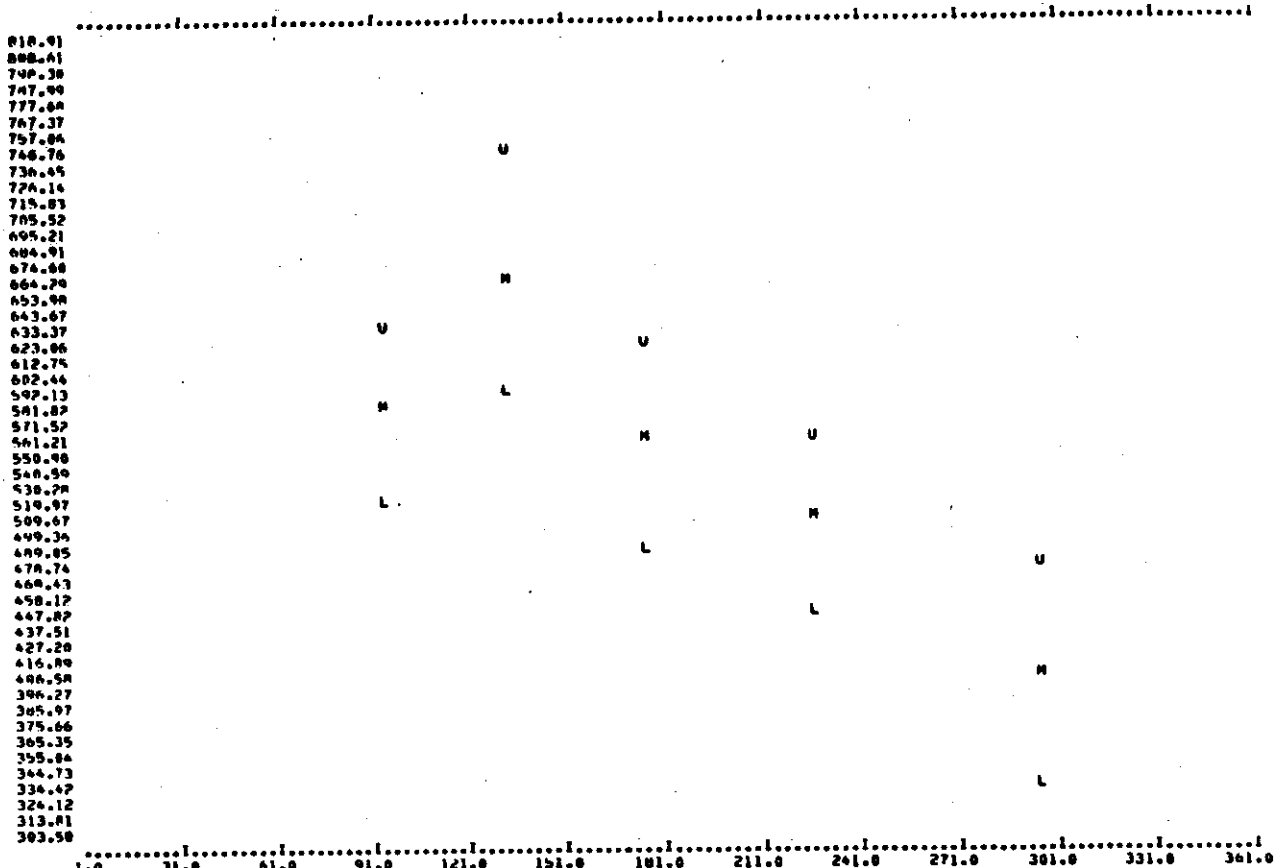
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 60 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRY 2 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
176*	48	1785.48	88.41	1.98	1609.99	1960.81
206	24	1003.95	114.51	2.85	769.08	1238.82

*Sequence missing 96 cm of core length.



AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M 50) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON-SITE PANNEE, TRT 2 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M 50)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
93	48	579.28	28.19	1.98	523.34	635.21
136	48	647.27	30.91	1.98	598.08	744.47
176	48	558.08	33.05	1.98	492.43	623.57
225	48	588.00	29.86	1.98	446.75	565.24
296	24	488.16	33.61	2.05	337.22	475.11

1165.30
 1160.35
 1135.31
 1120.27
 1105.23
 1090.19
 1075.14
 1060.10
 1045.04
 1030.02
 1014.94
 999.94
 984.98
 969.86
 954.87
 939.78
 924.74
 909.70
 894.66
 879.67
 864.58
 849.54
 834.50
 819.44
 804.41
 789.37
 774.33
 759.29
 744.24
 729.21
 714.17
 699.13
 684.00
 669.05
 654.01
 638.97
 623.93
 608.89
 593.85
 578.81
 563.77
 548.72
 533.68
 518.64
 503.60
 488.54
 473.52
 458.48
 443.44
 428.40
 413.36

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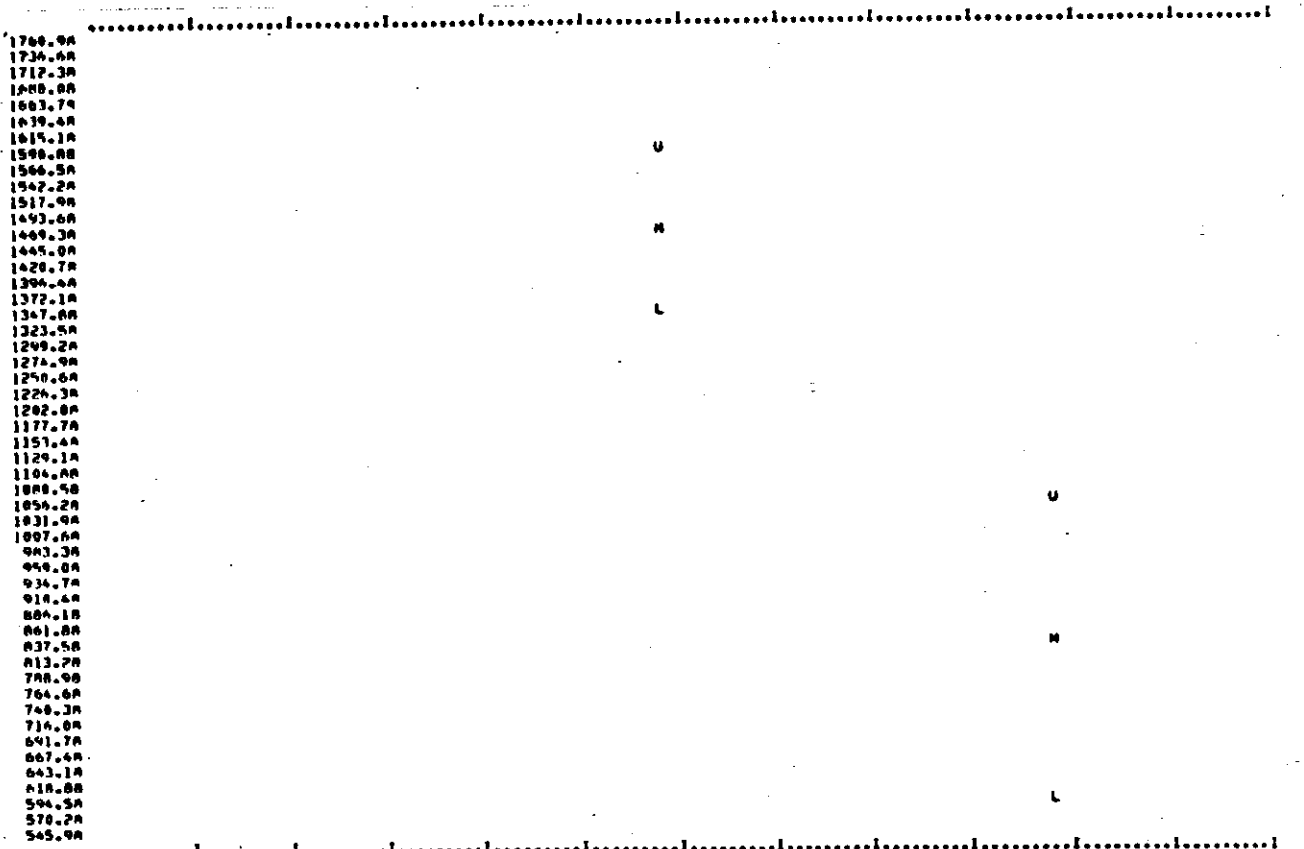
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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 0- 30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 2 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
174*	48	965.97	47.11	1.98	872.49	1059.44
206	24	663.15	99.39	2.05	459.29	867.00

*Sequence missing 20 cm of core length.



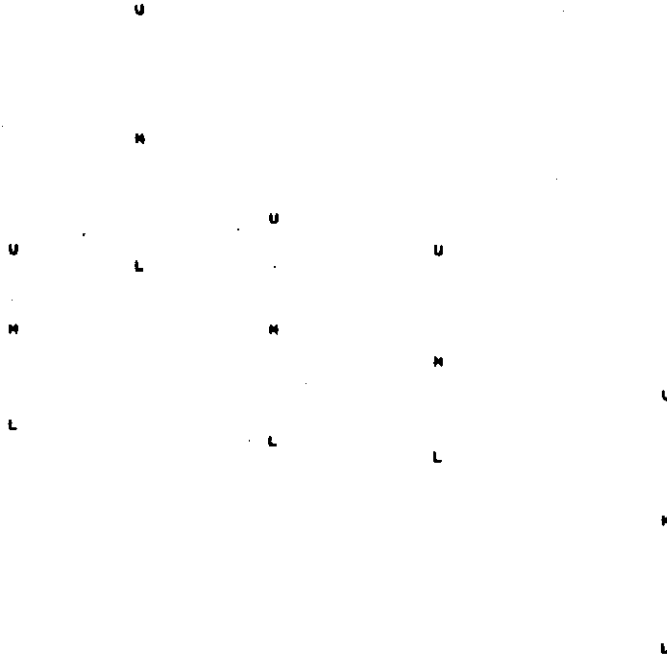
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 2 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
176*	48	1478.76	61.55	1.98	1356.64	1600.89
296	24	829.94	108.87	2.05	606.64	1053.24

*Sequence missing 96 cm of core length.

599.88
592.01
584.14
576.26
568.39
560.52
552.65
544.77
536.90
529.03
521.15
513.28
505.41
497.54
489.66
481.79
473.92
466.05
458.17
450.30
442.43
434.56
426.68
418.81
410.94
403.07
395.19
387.32
379.45
371.58
363.70
355.83
347.96
340.09
332.21
324.34
316.47
308.59
300.72
292.85
284.98
277.10
269.23
261.36
253.49
245.61
237.74
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222.00
214.12
206.25

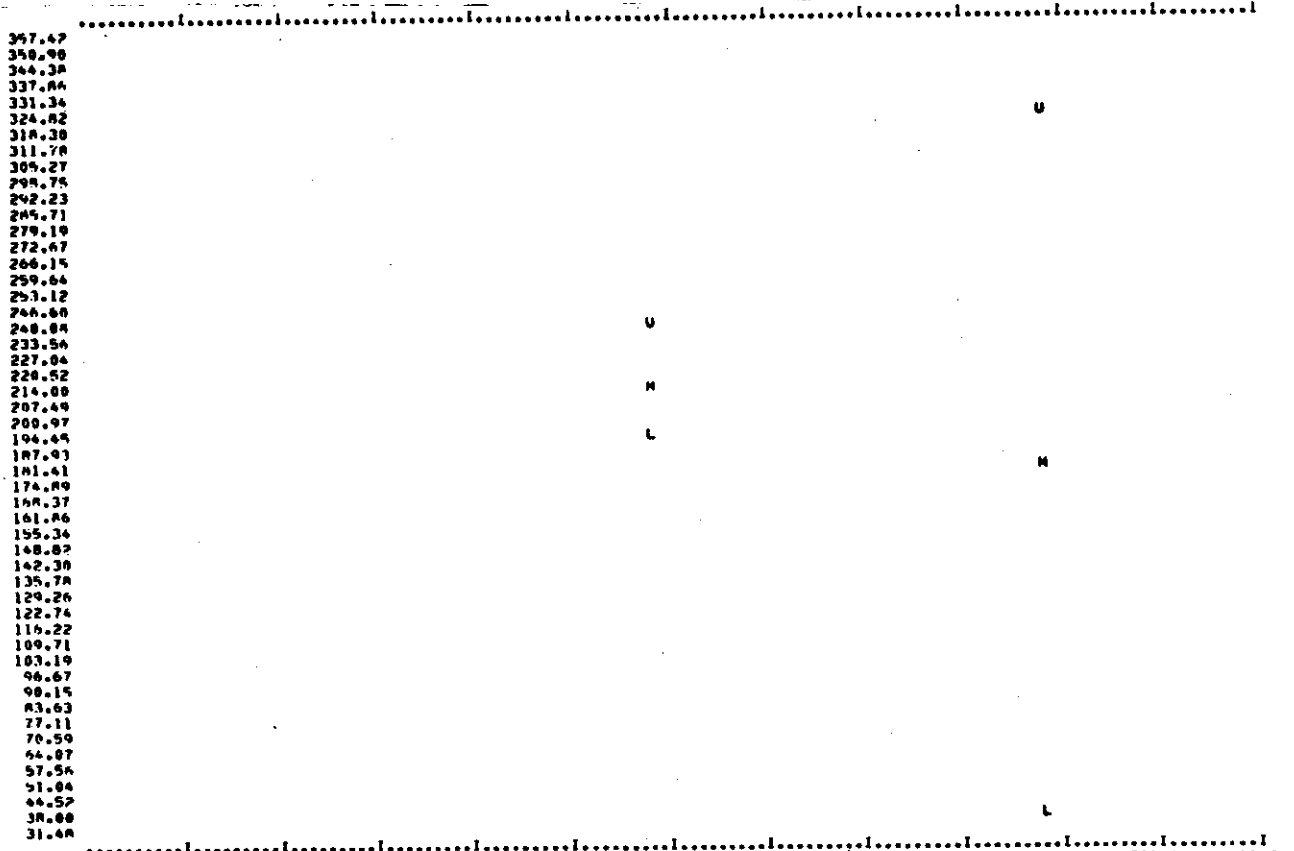


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M 50) FOR 0- 5 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 2 FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M 50)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
93	48	384.28	23.22	1.98	336.22	430.35
134	48	483.41	31.22	1.98	421.47	545.35
176	48	384.94	26.35	1.98	328.69	441.20
225	48	374.43	25.57	1.98	323.78	425.15
296	24	299.72	36.01	2.05	229.17	352.28



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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M 50) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 2 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M 50)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
176	48	216.98	16.38	1.98	196.39	237.58
296	24	179.95	76.68	2.85	34.98	324.92

272.94
 268.63
 264.38
 259.98
 255.65
 251.32
 247.08
 242.67
 238.35
 234.02
 229.69
 225.37
 221.04
 216.72
 212.39
 208.07
 203.74
 199.41
 195.08
 190.76
 186.44
 182.11
 177.78
 173.46
 169.13
 164.81
 160.48
 156.15
 151.83
 147.50
 143.18
 138.85
 134.52
 130.20
 125.87
 121.55
 117.22
 112.89
 108.57
 104.24
 99.92
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 91.26
 86.94
 82.61
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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 20-30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE MAINEE TRT 2 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
178	48	198.99	28.81	1.98	133.83	248.14
298	24	77.83	6.86	2.05	62.95	91.11

212.17
 208.65
 205.14
 201.63
 198.11
 194.60
 191.08
 187.57
 184.05
 180.54
 177.02
 173.51
 169.99
 166.48
 162.96
 159.45
 155.91
 152.42
 148.90
 145.39
 141.87
 138.36
 134.84
 131.33
 127.81
 124.30
 120.78
 117.27
 113.75
 110.24
 106.72
 103.21
 99.69
 96.18
 92.66
 89.14
 85.63
 82.12
 78.60
 75.09
 71.57
 68.06
 64.54
 61.03
 57.51
 54.00
 50.48
 46.97
 43.45
 39.94
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 30-40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 2 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
176	40	169.02	12.03	1.98	145.16	192.88
296	24	54.54	6.86	2.05	40.47	68.60

257.44
 257.98
 248.36
 243.82
 239.28
 234.74
 230.20
 225.66
 221.12
 216.58
 212.04
 207.50
 202.95
 198.41
 193.87
 189.33
 184.79
 180.25
 175.71
 171.17
 166.61
 162.07
 157.53
 153.01
 148.47
 143.93
 139.39
 134.84
 130.30
 125.76
 121.22
 116.68
 112.14
 107.60
 103.06
 98.52
 93.98
 89.44
 84.90
 80.36
 75.82
 71.28
 66.73
 62.19
 57.65
 53.11
 48.57
 44.03
 39.49
 34.95
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 40- 50 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY.
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRT 2 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
176	48	194.17	20.89	1.98	154.30	234.04
296	24	42.65	4.32	2.95	33.79	91.52

214.52
 211.15
 207.77
 204.40
 201.02
 197.64
 194.26
 190.88
 187.50
 184.12
 180.74
 177.36
 173.98
 170.60
 167.22
 163.84
 160.46
 157.08
 153.70
 150.32
 146.94
 143.56
 140.18
 136.80
 133.42
 130.04
 126.66
 123.28
 119.90
 116.52
 113.14
 109.76
 106.38
 103.00
 99.62
 96.24
 92.86
 89.48
 86.10
 82.72
 79.34
 75.96
 72.58
 69.20
 65.82
 62.44
 59.06
 55.68
 52.30
 48.92
 45.54

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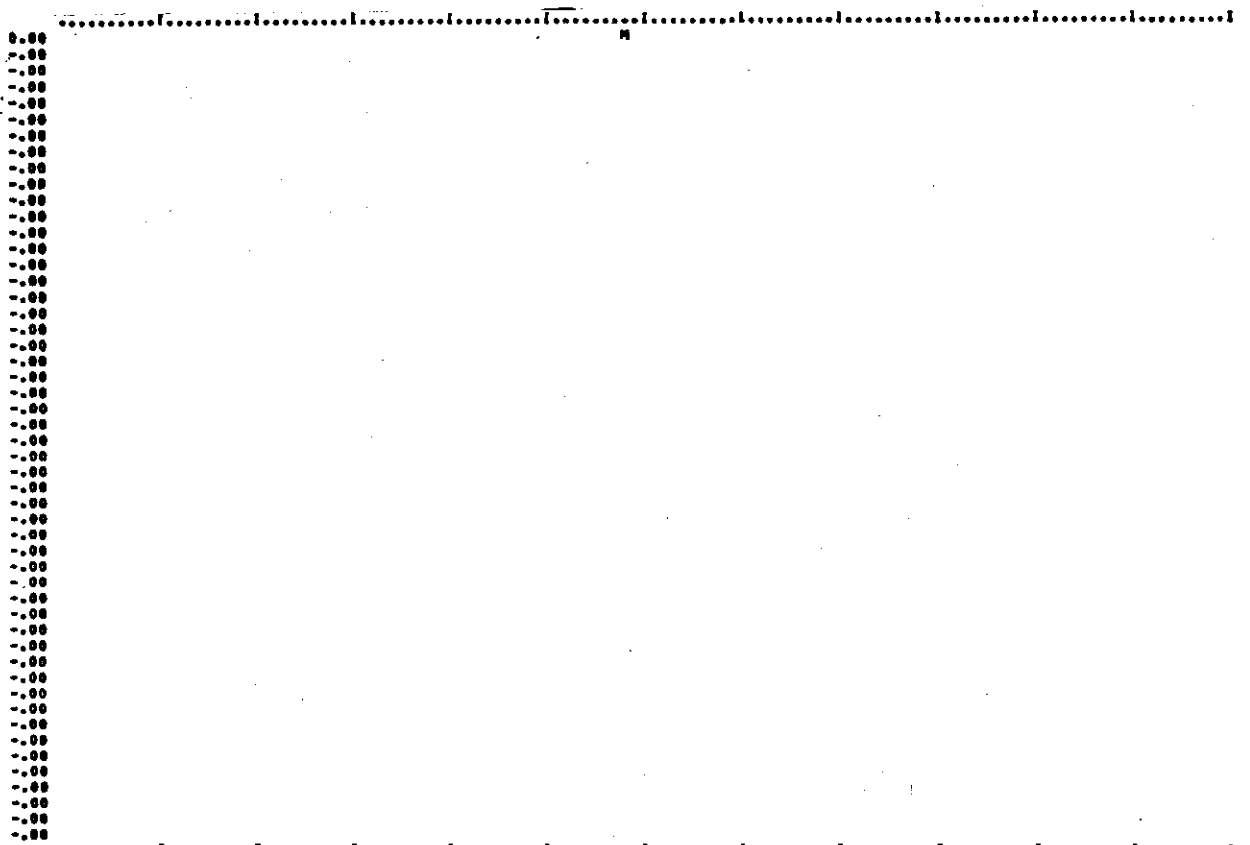
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LAWS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 50- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 2 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
176*	48	149.61	22.89	1.98	104.19	195.02
296	24	69.60	9.11	2.05	50.92	88.28

*Sequence missing 46 cm of core length.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 70- 80 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, THT 2 FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWEN LIMIT	UPPER LIMIT
176	1	0.00	0.00	0.00	0.00	0.00

393.49
 385.67
 377.75
 369.88
 362.01
 354.14
 346.27
 338.40
 330.53
 322.66
 314.79
 306.92
 299.05
 291.18
 283.31
 275.44
 267.57
 259.70
 251.83
 243.96
 236.09
 228.22
 220.35
 212.48
 204.62
 196.75
 188.88
 181.01
 173.14
 165.27
 157.40
 149.53
 141.66
 133.79
 125.92
 118.05
 110.18
 102.31
 94.44
 86.57
 78.70
 70.83
 62.96
 55.09
 47.22
 39.35
 31.48
 23.61
 15.74
 7.87
 -0.08

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 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 0 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 3 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
93	48	0.00	0.00	1.98	0.00	0.00
136	48	296.10	28.65	1.98	239.17	353.03
179	48	278.88	33.45	1.98	204.52	337.25
228	48	305.77	26.18	1.98	253.81	357.72
296	24	162.13	31.77	2.05	96.96	227.29

1340.60
 1320.60
 1300.60
 1280.60
 1260.60
 1240.70
 1220.70
 1200.70
 1180.70
 1160.70
 1140.71
 1120.71
 1100.71
 1080.71
 1060.72
 1040.72
 1020.72
 1000.72
 980.72
 960.73
 940.73
 920.73
 900.73
 880.73
 860.74
 840.74
 820.74
 800.74
 780.74
 760.75
 740.75
 720.75
 700.75
 680.75
 660.76
 640.76
 620.76
 600.76
 580.76
 560.77
 540.77
 520.77
 500.77
 480.78
 460.78
 440.78
 420.78
 400.78
 380.79
 360.79
 340.79

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 3 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
93*	40	565.90	29.50	1.90	507.20	624.67
134	40	1120.50	53.21	1.90	1014.92	1226.08
179	40	832.30	73.26	1.90	687.84	977.72
228	40	733.62	46.15	1.90	638.10	829.15
296	24	489.77	49.04	2.05	387.54	592.00

*Sequence missing crown material.

1347.87
 1379.81
 1381.81
 1343.88
 1325.88
 1307.79
 1289.79
 1271.78
 1253.77
 1235.77
 1217.76
 1199.76
 1181.75
 1163.75
 1145.74
 1127.73
 1109.73
 1091.72
 1073.72
 1055.71
 1037.71
 1019.70
 1001.69
 983.69
 965.68
 947.68
 929.67
 911.67
 893.66
 875.65
 857.65
 839.64
 821.64
 803.63
 785.63
 767.62
 749.61
 731.61
 713.60
 695.60
 677.59
 659.59
 641.58
 623.58
 605.57
 587.56
 569.56
 551.55
 533.55
 515.54
 497.54

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 30 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 3 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWEN LIMIT	UPPER LIMIT
179*	48	1117.80	77.89	1.98	964.85	1278.74
296**	24	857.20	50.89	2.05	552.82	761.59

*Sequence missing 20 cm of core length.
 **Sequence missing 2 cm of core length.

1700.74
 1688.85
 1666.36
 1644.66
 1622.97
 1601.28
 1579.59
 1557.90
 1536.20
 1514.51
 1492.82
 1471.13
 1449.44
 1427.74
 1406.05
 1384.36
 1362.67
 1340.98
 1319.29
 1297.59
 1275.90
 1254.21
 1232.52
 1210.82
 1189.13
 1167.44
 1145.75
 1124.06
 1102.36
 1080.67
 1058.98
 1037.29
 1015.59
 993.90
 972.21
 950.52
 928.83
 907.13
 885.44
 863.75
 842.06
 820.37
 798.67
 776.98
 755.29
 733.60
 711.91
 690.21
 668.52
 646.83
 625.14

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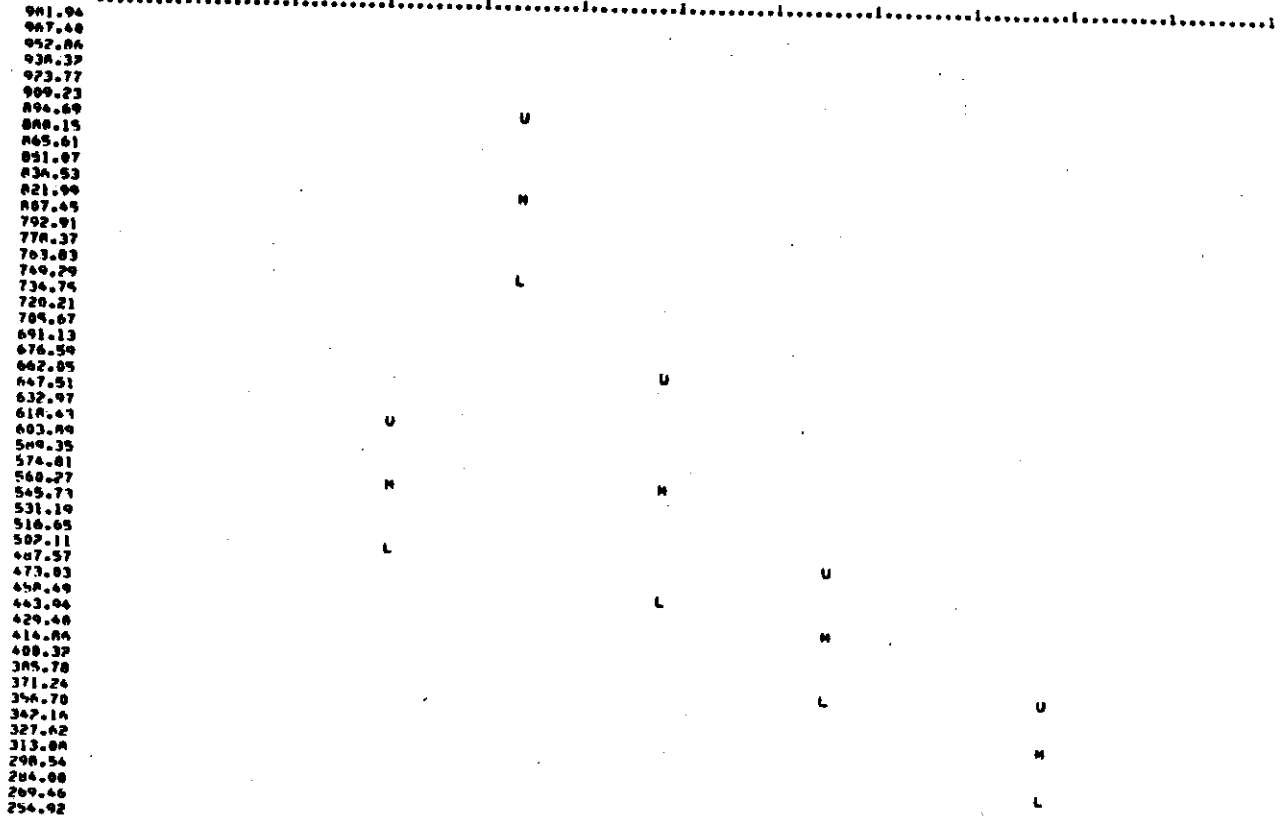
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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE :
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 60 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 3 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
179*	48	1398.48	82.57	1.98	1226.66	1554.31
298**	2*	801.72	52.23	2.05	694.60	908.84

*Sequence missing 120 cm of core length.
 **Sequence missing 161 cm of core length.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 0-10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, THT 3 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
93	48	565.98	29.58	1.98	507.28	624.67
136	48	826.48	36.41	1.98	756.13	892.67
179	48	561.58	52.21	1.98	457.98	655.18
222	48	427.86	28.85	1.98	372.21	483.51
296	24	327.85	21.85	2.85	263.25	372.85

1057.62
1004.44
1031.34
1014.20
1005.06
991.91
978.77
965.63
952.49
939.35
926.21
913.07
899.93
886.79
873.65
860.51
847.36
834.22
821.08
807.94
794.80
781.66
768.52
755.38
742.24
729.10
715.96
702.82
689.67
676.53
663.39
650.25
637.11
623.97
610.83
597.69
584.55
571.41
558.27
545.12
531.98
518.84
505.70
492.56
479.42
466.28
453.14
440.00
426.86
413.72
400.58

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE *

X-AXIS=JULIAN DATE FOR 1971

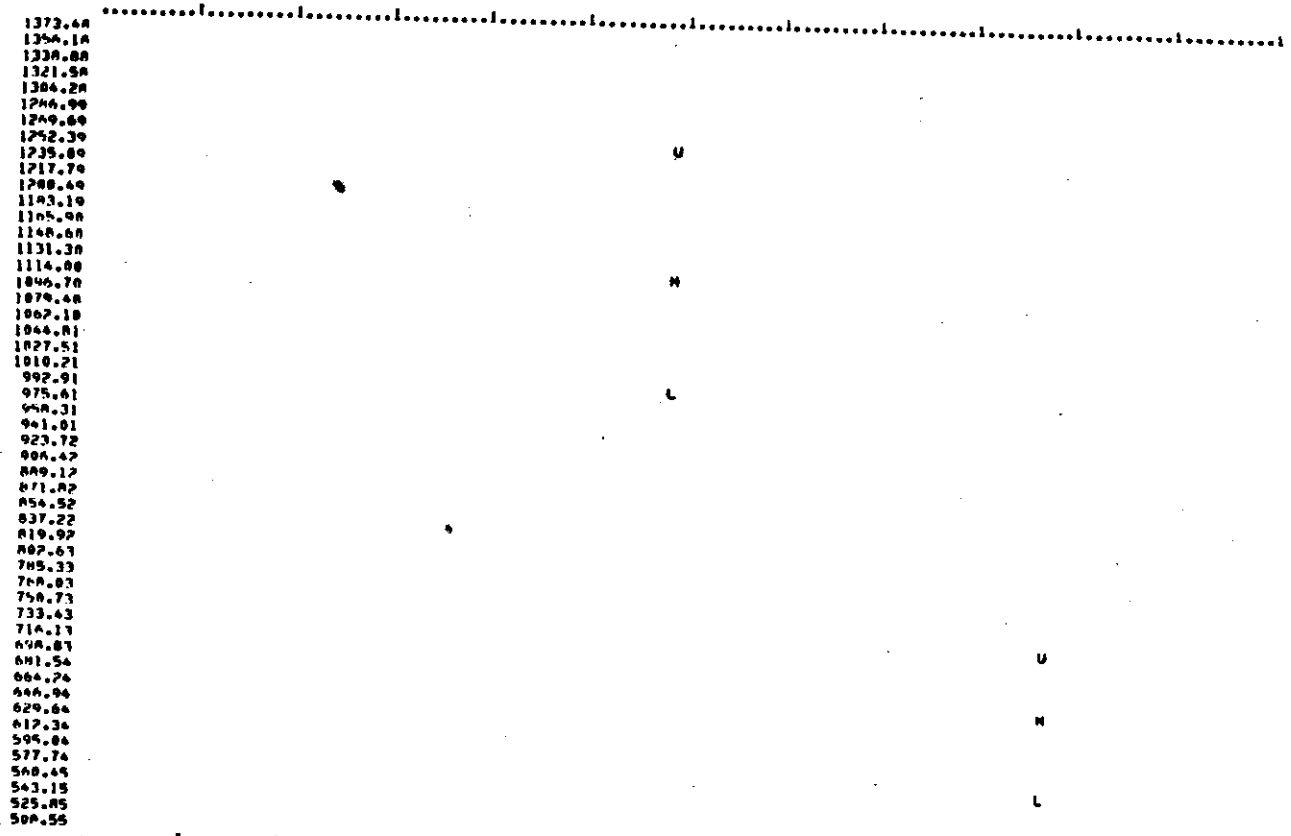
Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMNCE, TRT 3 FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
179*	48	846.92	57.74	1.98	732.36	961.47
296**	24	495.00	24.37	2.05	445.88	545.87

*Sequence missing 20 cm of core length.

**Sequence missing 2 cm of core length.



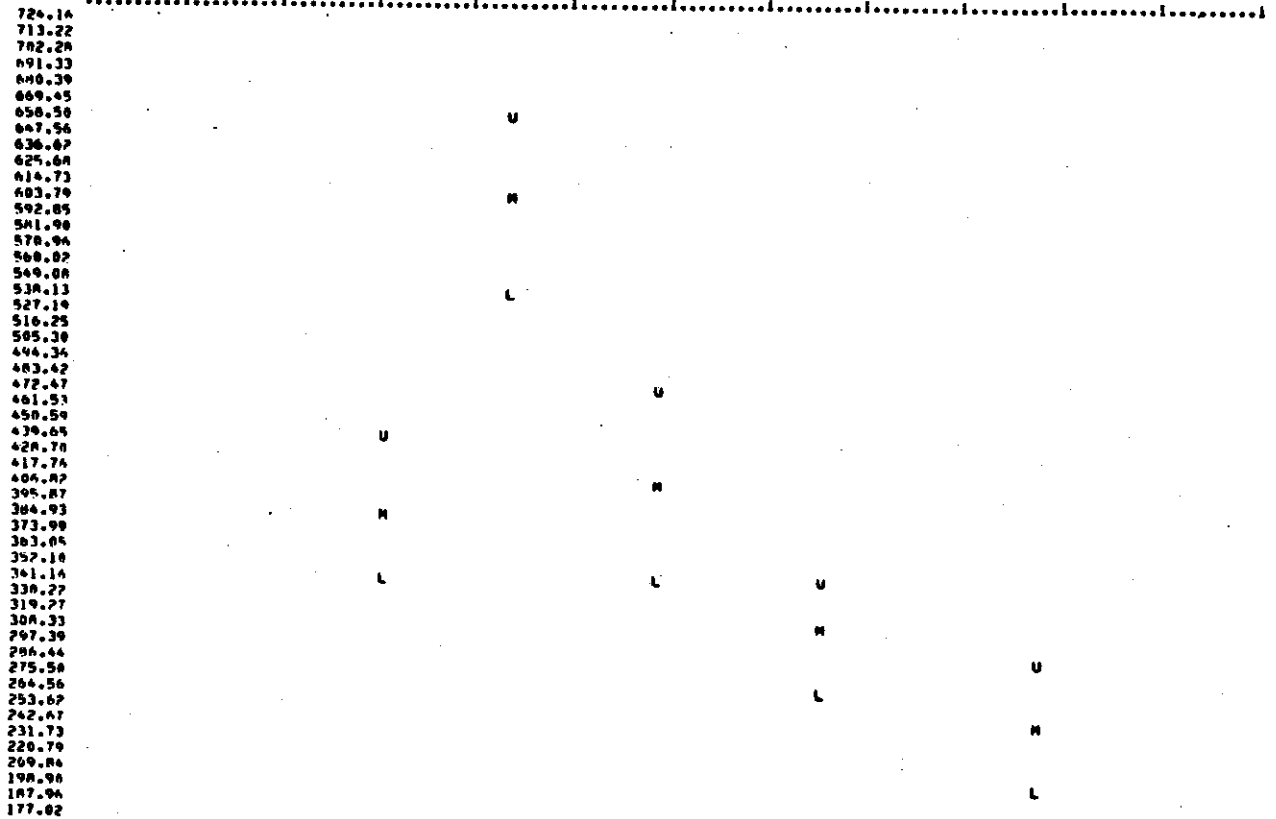
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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 3 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
179*	48	1119.68	65.83	1.98	998.59	1248.62
296**	24	639.59	36.34	2.05	565.06	714.13

*Sequence missing 120 cm of core length.
 **Sequence missing 161 cm of core length.



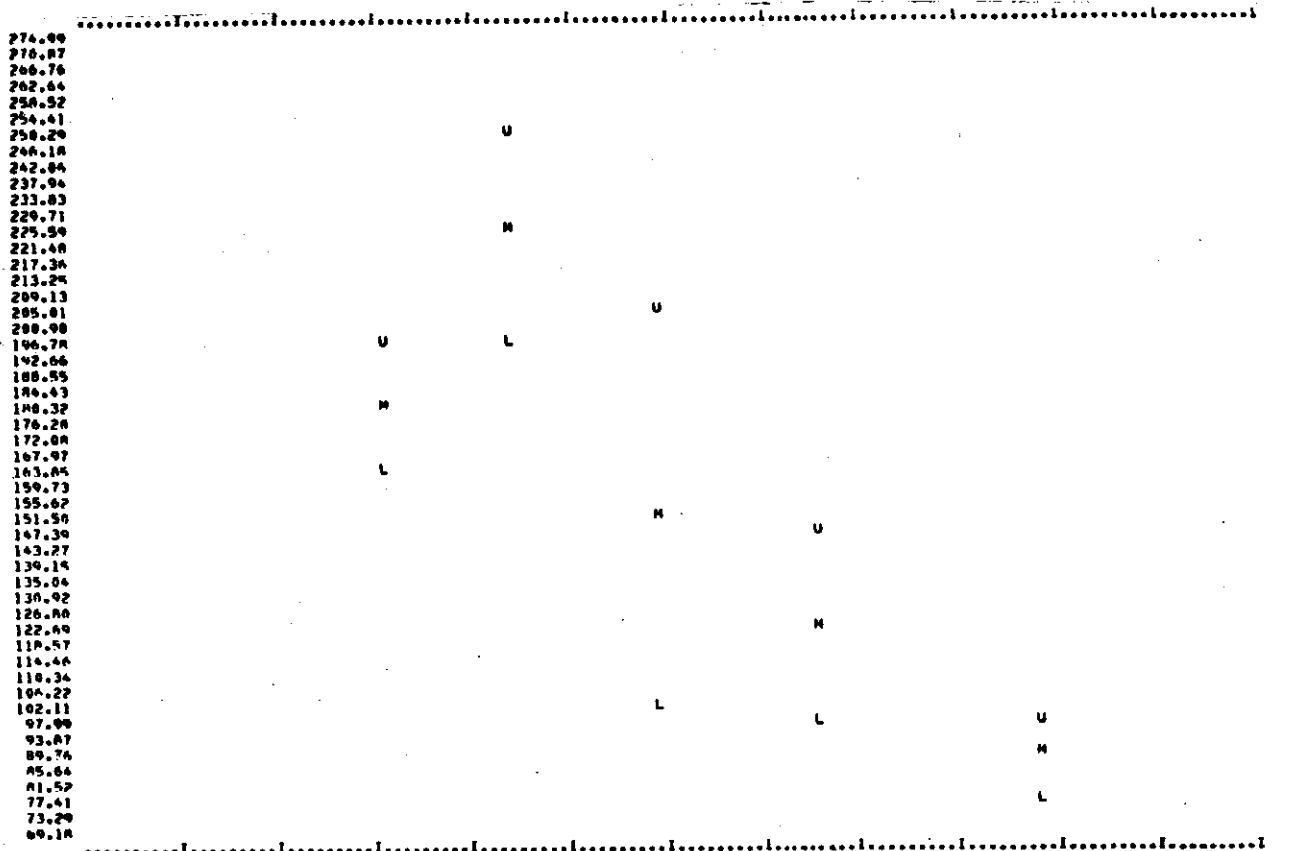
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 5 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANMEE TRT 3 FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

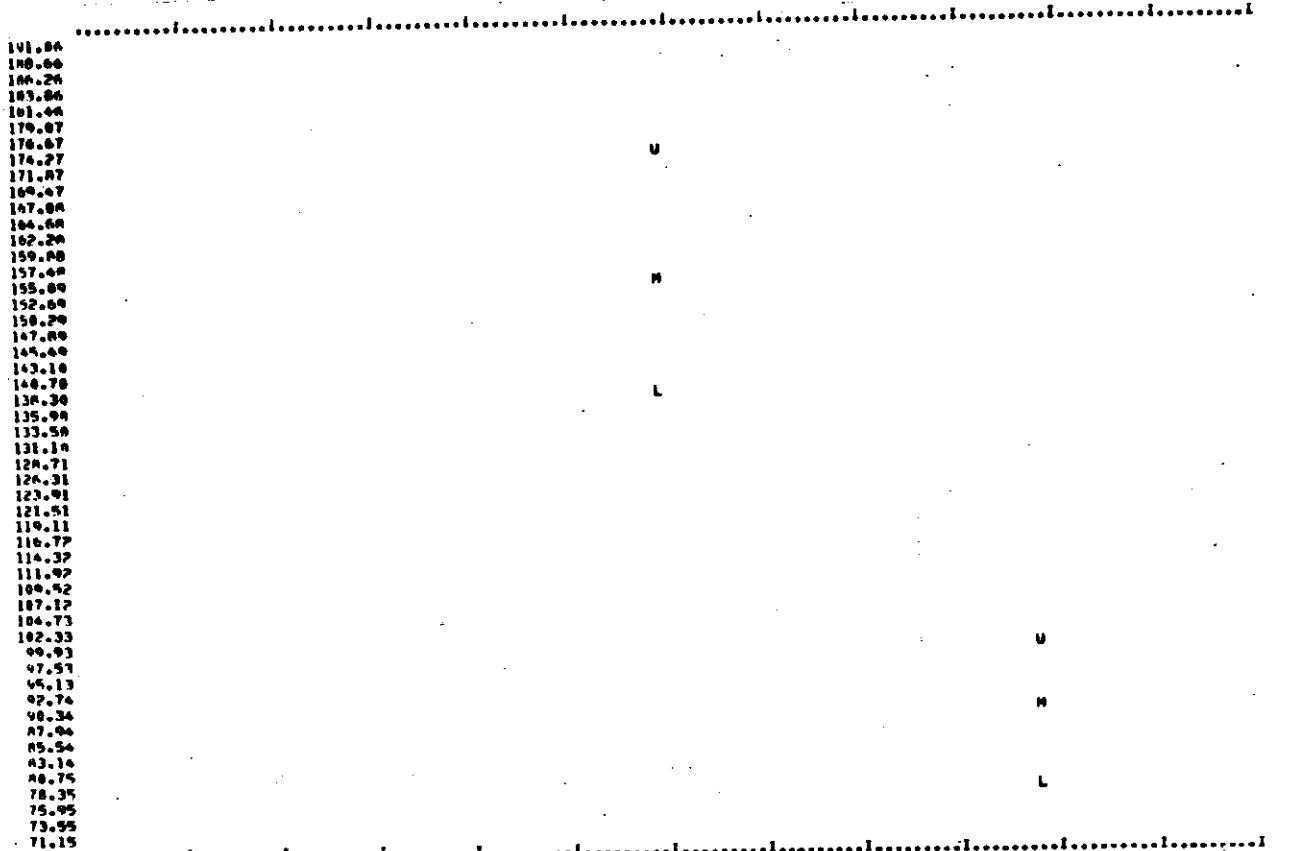
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
93	48	385.27	24.76	1.98	336.15	434.39
134	48	600.78	29.81	1.98	543.23	658.33
179	48	488.62	34.33	1.98	340.71	476.92
228	48	385.77	19.35	1.98	267.38	304.15
296	24	239.58	29.91	2.85	196.68	282.48



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 5- 10 CM DEPTH
 THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PLANTEE, TRT 3 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
93	48	180.71	8.21	1.98	164.41	197.00
134	48	223.42	13.24	1.98	197.25	249.99
179	48	152.68	25.76	1.98	101.58	203.79
228	48	122.49	12.42	1.98	97.44	146.74
296	24	88.67	5.46	2.05	78.86	99.27



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 3 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
179	48	155.65	9.09	1.98	137.62	173.69
296	24	89.76	5.22	2.05	79.66	100.47

178.91
 176.84
 173.61
 171.15
 168.78
 166.25
 163.89
 161.35
 158.98
 156.45
 154.00
 151.55
 149.18
 146.65
 144.28
 141.75
 139.30
 136.85
 134.40
 131.95
 129.50
 127.06
 124.50
 122.14
 119.69
 117.24
 114.79
 112.34
 109.89
 107.44
 104.99
 102.54
 100.09
 97.64
 95.19
 92.74
 90.29
 87.84
 85.39
 82.94
 80.48
 78.03
 75.58
 73.13
 70.68
 68.23
 65.78
 63.33
 60.88
 58.43
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 20- 30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNEE, TRT 3 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
179	48	129.76	16.39	1.98	97.25	162.28
294*	24	77.67	7.54	2.05	62.20	93.14

*Sequence missing 2 cm of core length.

146.70
 144.38
 141.07
 139.57
 137.16
 134.75
 132.35
 129.94
 127.54
 125.13
 122.72
 120.32
 117.91
 115.51
 113.10
 110.69
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 105.88
 103.47
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 86.63
 84.23
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 79.41
 77.01
 74.60
 72.20
 69.79
 67.38
 64.98
 62.57
 60.16
 57.76
 55.35
 52.95
 50.54
 48.13
 45.73
 43.32
 40.92
 38.51
 36.10
 33.70
 31.29
 28.88
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 30- 40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 3 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
179	48	111.51	11.05	1.98	89.59	133.44
290*	23	76.84	23.05	2.00	29.42	124.25

*Sequence missing 5 cm of core length.

113.58
111.78
109.83
107.94
106.07
104.19
102.32
100.44
98.56
96.68
94.81
92.93
91.05
89.17
87.30
85.42
83.54
81.66
79.78
77.91
76.03
74.15
72.27
70.40
68.52
66.64
64.76
62.89
61.01
59.13
57.25
55.38
53.50
51.62
49.74
47.87
45.99
44.11
42.23
40.35
38.48
36.60
34.72
32.84
30.97
29.09
27.21
25.33
23.45
21.58
19.70

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AXIS LABELS FOR THIS PLOT ARE:
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 40- 50 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE; TRT 3 FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
179	48	91.04	6.16	1.98	78.82	103.26
204	21*	56.51	16.71	2.87	21.89	91.13

*Sequence missing 17 cm of core length.

122.74
 120.83
 114.52
 116.41
 114.38
 112.19
 110.88
 107.97
 105.86
 103.74
 101.63
 99.52
 97.41
 95.30
 93.19
 91.08
 88.97
 86.86
 84.74
 82.63
 80.52
 78.41
 76.30
 74.19
 72.08
 69.97
 67.86
 65.74
 63.63
 61.52
 59.41
 57.30
 55.19
 53.08
 50.97
 48.85
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 19.30
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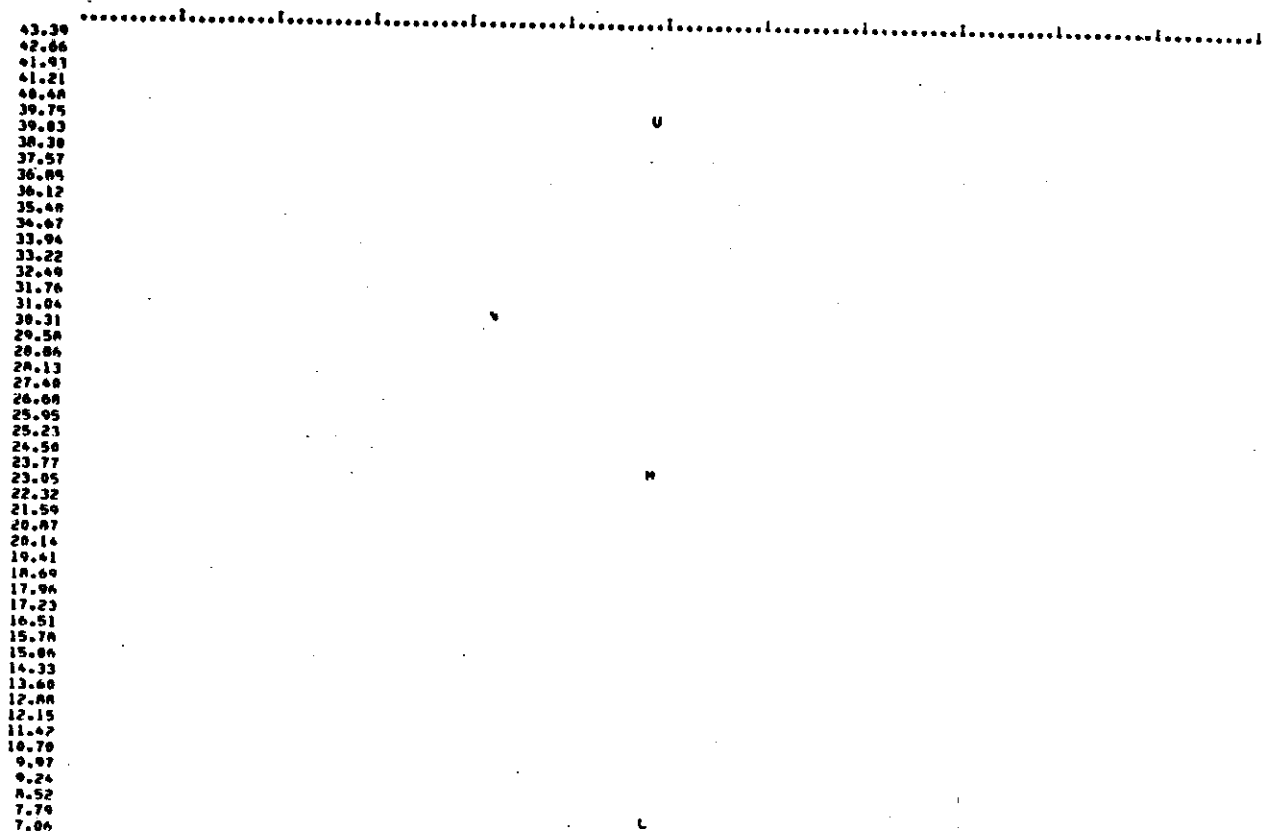
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 50- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE. TRT 3 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
179 *	48	70.13	20.89	1.98	28.68	111.59
296 **	18	28.50	4.51	2.18	19.18	38.06

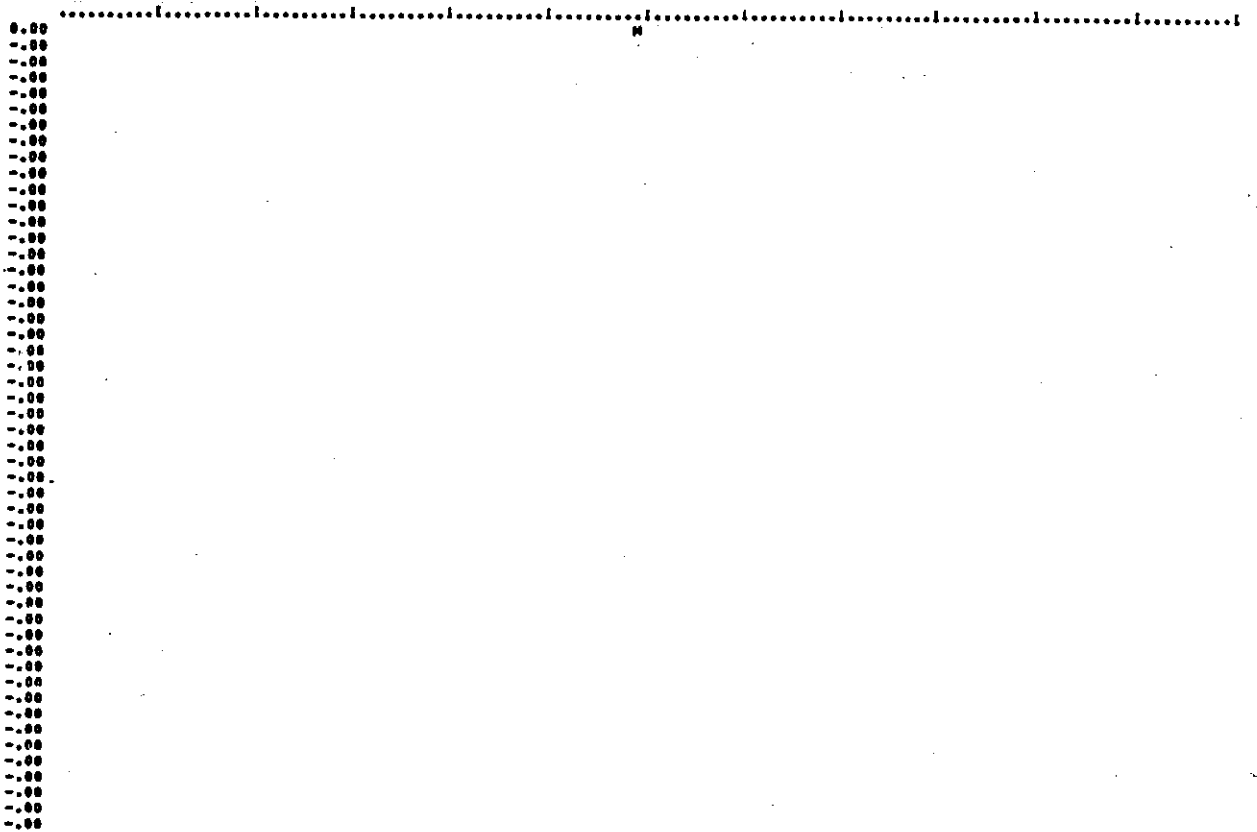
*Sequence missing 70 cm of core length.
 **Sequence missing 37 cm of core length.



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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 60-70 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 3 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
179	14	23.65	7.31	2.16	7.85	39.44

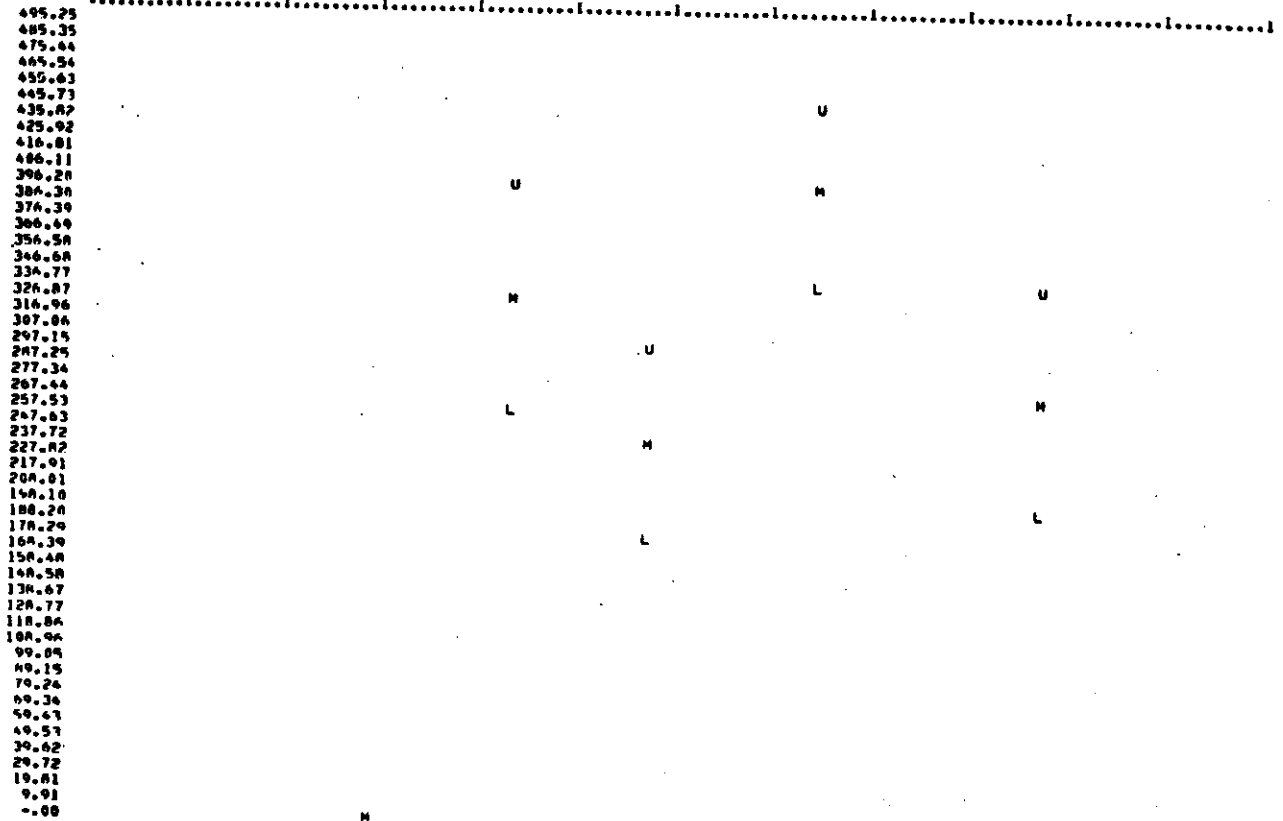


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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
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AXIS LABELS FOR THIS PLOT ARE -
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 70- 80 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 3 FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

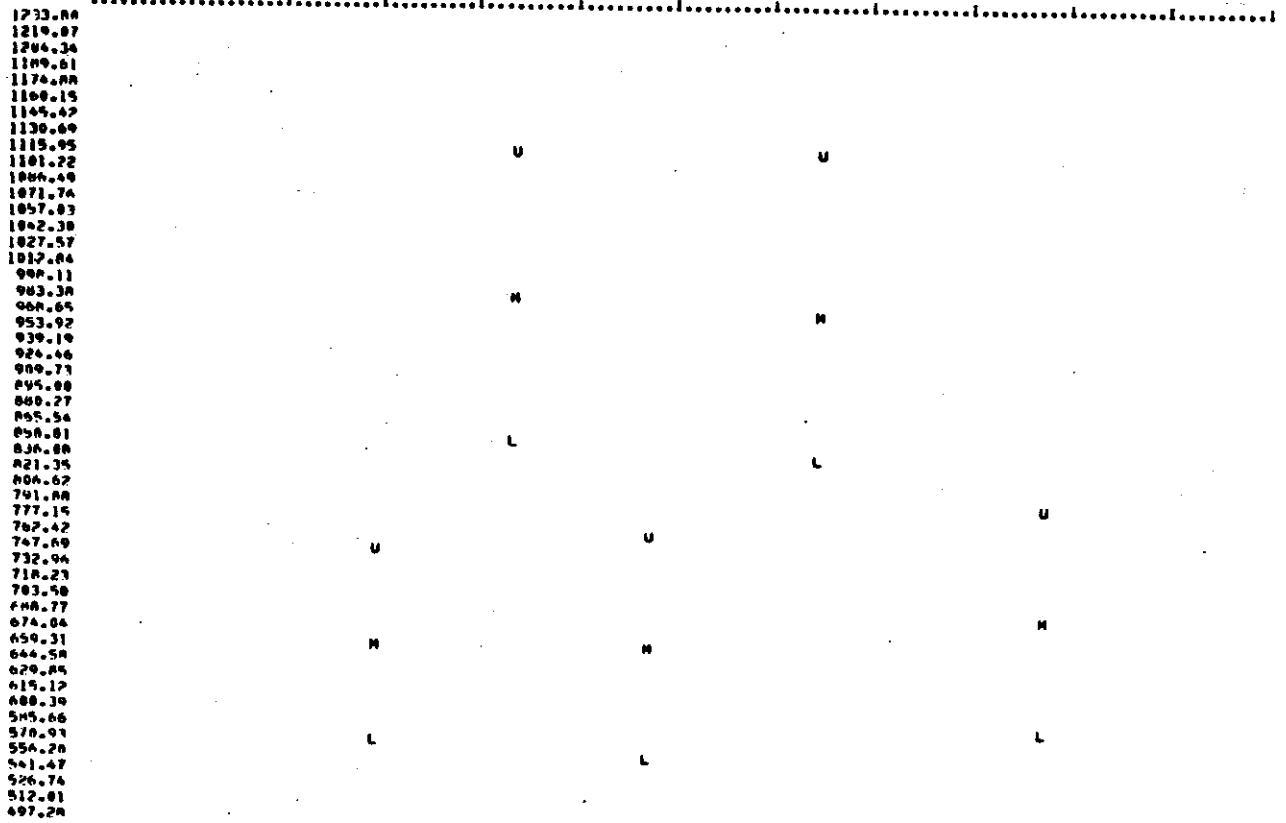
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
179	1	0.00	0.00	0.00	0.00	0.00



AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 9 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
91	40	0.00	0.00			
134	40	329.01	34.56	1.98	0.00	0.00
175	40	239.16	31.02	1.98	269.44	397.58
225	40	393.40	28.60	1.98	177.61	300.78
296	24	265.05	34.02	2.05	336.73	450.23
					195.27	334.82



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRT 4 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
91*	48	668.91	45.55	1.98	570.53	751.28
136	48	989.59	66.55	1.98	857.55	1121.64
175	48	659.43	53.88	1.98	552.53	766.34
225	48	972.85	71.48	1.98	831.84	1114.86
296	24	688.82	53.29	2.05	579.71	797.94

*Sequence missing crowns and 10 cm of core length.

1173.25
 1103.76
 1154.27
 1144.77
 1135.28
 1125.79
 1116.30
 1106.81
 1097.32
 1087.83
 1078.34
 1068.85
 1059.36
 1049.86
 1040.37
 1030.88
 1021.39
 1011.90
 1002.41
 992.92
 983.43
 973.94
 964.45
 954.95
 945.46
 935.97
 926.48
 916.99
 907.50
 898.01
 888.52
 879.03
 869.54
 860.04
 850.55
 841.06
 831.57
 822.08
 812.59
 803.10
 793.61
 784.12
 774.62
 765.13
 755.64
 746.15
 736.66
 727.17
 717.68
 708.19
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 30 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
175*	08	943.47	62.85	1.98	820.35	1066.59
296	24	897.63	59.14	2.85	776.33	1018.94

*Sequence missing 20 cm of core length.

1458.77
 1446.43
 1434.13
 1421.81
 1409.54
 1397.24
 1384.94
 1372.65
 1360.36
 1348.06
 1335.76
 1323.42
 1311.17
 1298.88
 1286.58
 1274.29
 1261.99
 1249.70
 1237.40
 1225.10
 1212.81
 1200.51
 1188.22
 1175.92
 1163.63
 1151.33
 1139.04
 1126.74
 1114.44
 1102.15
 1089.85
 1077.56
 1065.26
 1052.97
 1040.67
 1028.37
 1016.08
 1003.78
 991.49
 979.19
 966.90
 954.60
 942.31
 930.01
 917.71
 905.42
 893.12
 880.83
 868.53
 856.24
 843.94

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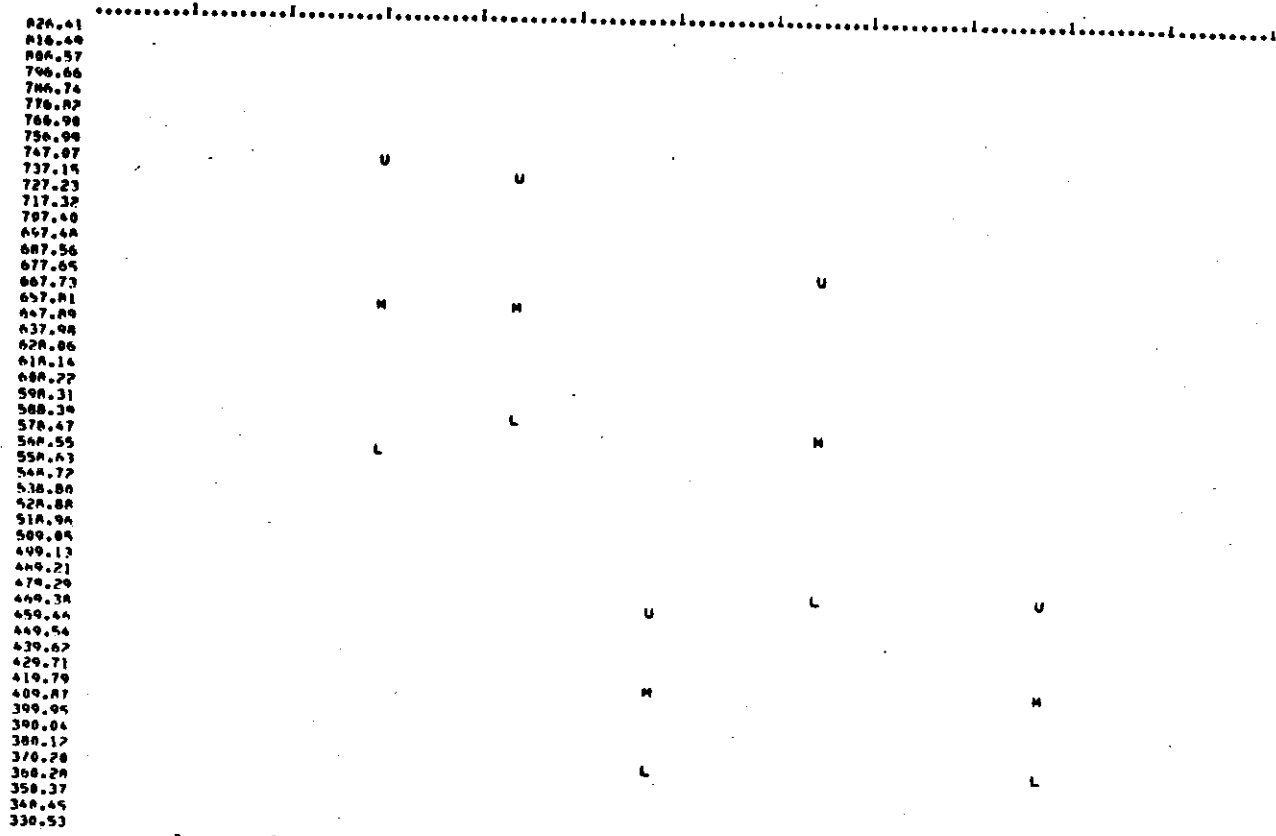
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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE *
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 60 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRY 4 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
175*	48	1159.71	78.58	1.98	1019.83	1299.59
296	24	1131.91	94.68	2.85	937.71	1326.11

*Sequence missing 103 cm of core length.



AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 0-10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY.
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
91*	48	660.91	45.55			
134	48	660.50	37.04	1.98	570.53	751.28
175	48	420.28	26.72	1.98	507.10	734.06
225	48	579.37	50.84	1.98	367.26	473.30
296	24	423.78	27.16	2.05	478.50	600.24
					360.06	479.49

*Sequence missing 10 cm of core length.

869.21
 853.12
 844.83
 838.93
 831.83
 824.74
 817.64
 810.54
 803.44
 796.34
 789.24
 782.14
 775.04
 767.94
 760.84
 753.74
 746.64
 739.55
 732.45
 725.35
 718.25
 711.15
 704.05
 696.95
 689.85
 682.75
 675.65
 668.55
 661.45
 654.36
 647.26
 640.16
 633.06
 625.96
 618.86
 611.76
 604.66
 597.54
 590.44
 583.34
 576.24
 569.17
 562.07
 554.97
 547.87
 540.77
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 526.57
 519.47
 512.37
 505.27

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0-30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNLE, TRY 4 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
175 *	48	784.31	39.17	1.98	620.68	782.03
296	24	832.59	34.70	2.85	561.41	783.76

*Sequence missing 70 cm of core length.

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1117.02
1107.79
1094.55
1080.32
1066.09
1052.85
1038.61
1024.38
1010.14
995.91
981.68
967.44
953.21
938.97
924.74
910.50
896.27
882.03
867.79
853.56
839.33
825.09
810.86
796.63
782.39
768.16
753.92
739.69
725.45
711.22
696.98
682.75
668.51
654.28
640.04
625.81
611.58
597.34
583.11
568.87
554.64
540.41
526.17
511.94
497.70
483.47
469.23
455.00
440.76
426.53
412.29
398.06
383.82
369.59
355.35
341.12
326.88
312.65
301.0
287.0
273.0
259.0
245.0
231.0
217.0
203.0
189.0
175.0
161.0
147.0
133.0
119.0
105.0
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77.0
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

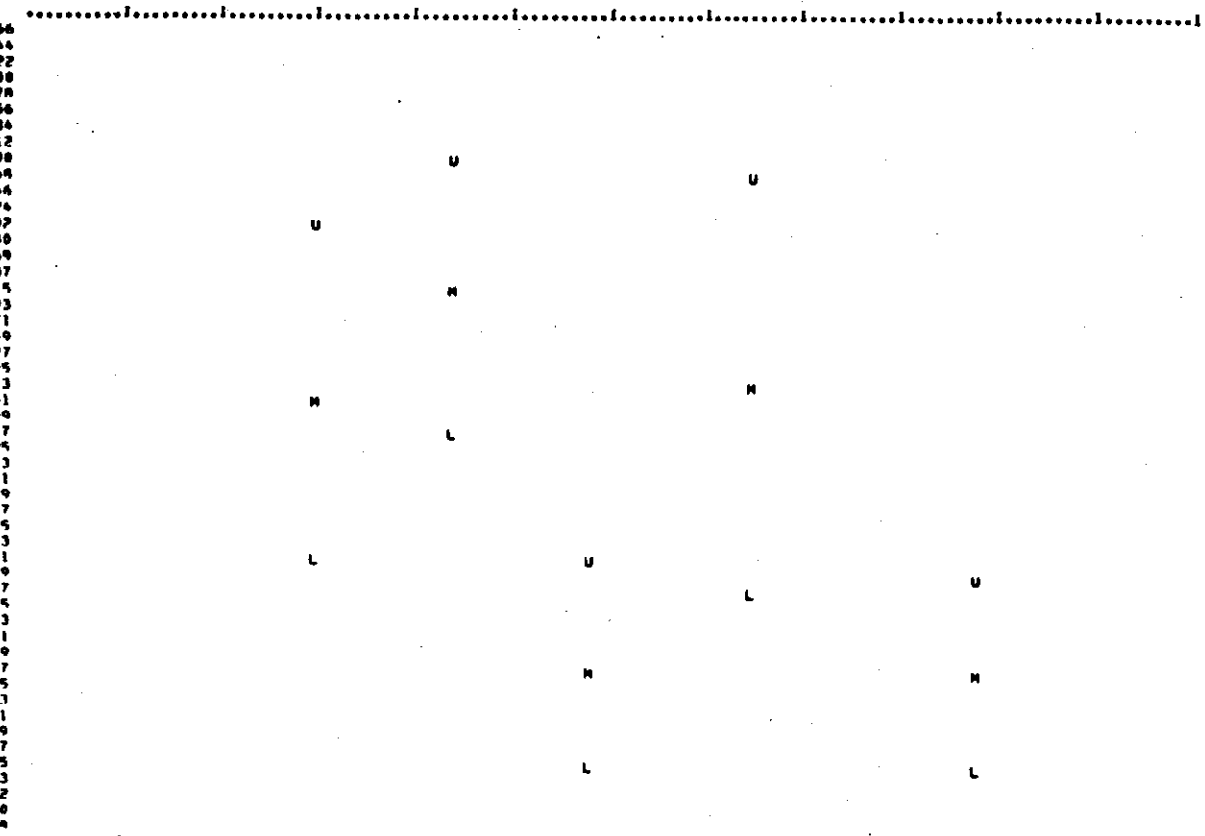
AXIS LABELS FOR THIS PLOT ARE :
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
175 *	48	920.55	47.84	1.98	825.63	1015.48
296	24	866.86	67.66	2.05	726.10	1005.63

*Sequence missing 103 cm of core length.

597.66
598.44
593.22
576.88
568.78
561.56
954.34
547.12
539.98
532.64
525.44
518.24
511.02
503.80
496.58
489.37
482.15
474.93
467.71
460.49
453.27
446.05
438.83
431.61
424.39
417.17
409.95
402.73
395.51
388.29
381.07
373.85
366.63
359.41
352.19
344.97
337.75
330.53
323.31
316.09
308.87
301.65
294.43
287.21
279.99
272.77
265.55
258.33
251.12
243.90
236.68



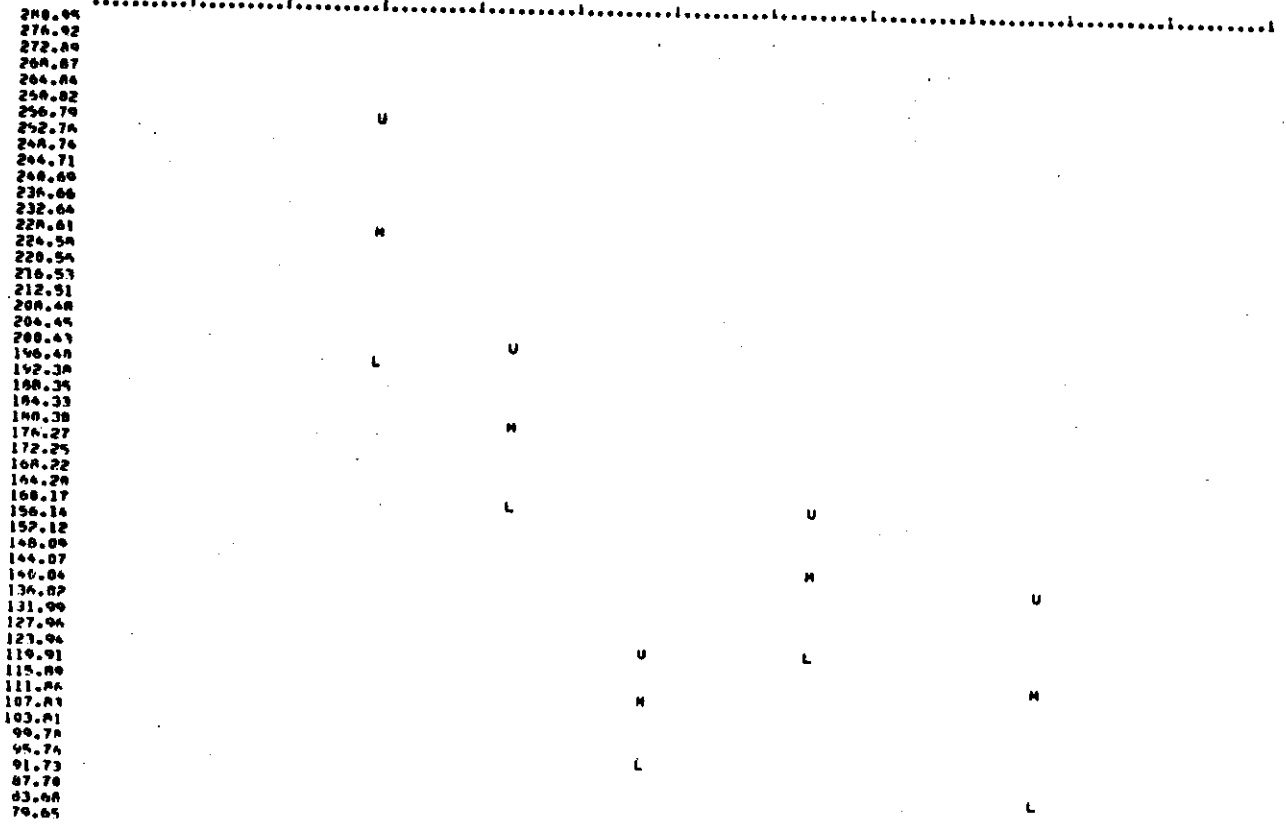
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE *
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 5 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRT 4 FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
91*	48	434.13	38.55	1.98	357.64	510.62
134	48	480.72	31.56	1.98	416.11	543.33
175	48	389.58	23.45	1.98	262.97	396.03
225	48	437.24	46.39	1.98	345.21	529.27
296	24	386.76	22.87	2.05	263.49	354.04

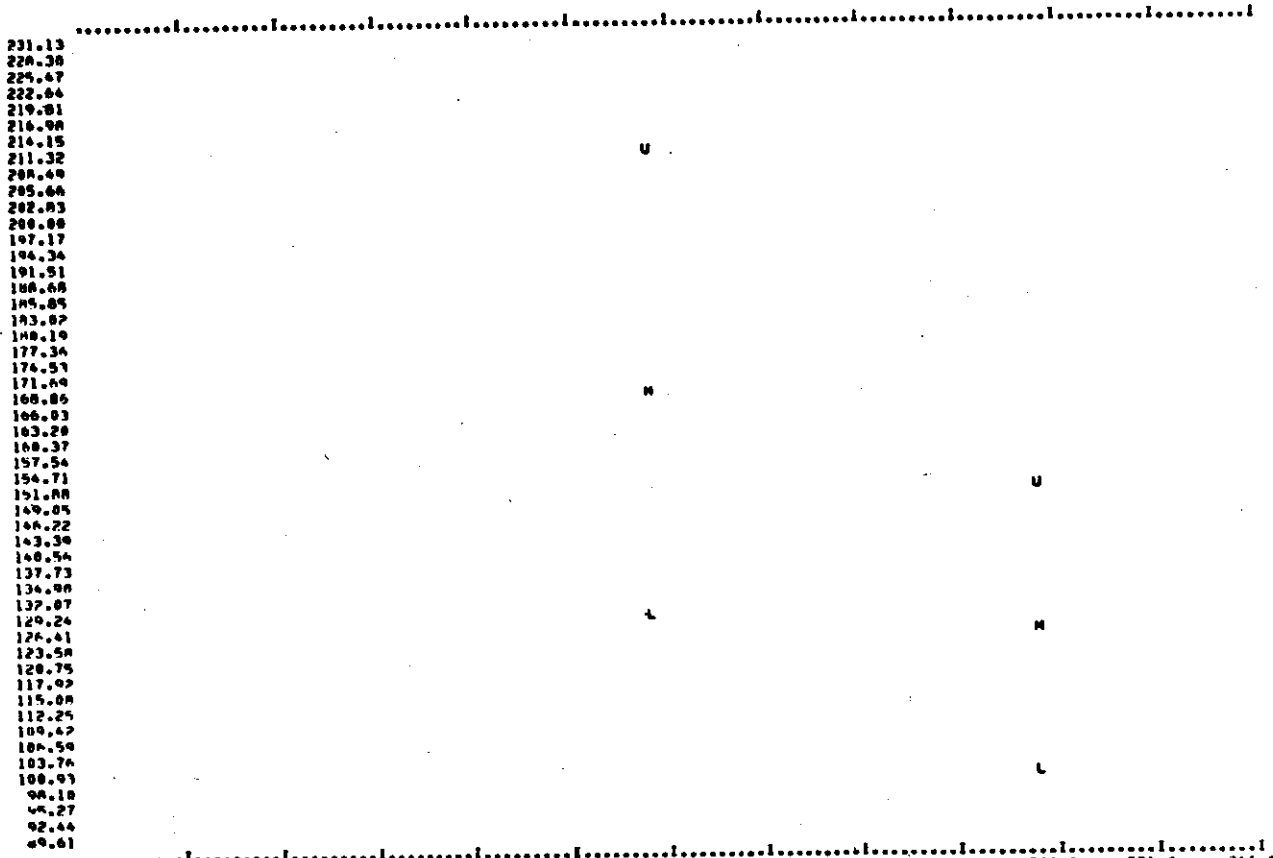
*Sequence missing 10 cm of core length.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 5- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNEE, TRT 4 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
91	48	226.78	14.43	1.98		
134	48	179.86	9.40	1.98	198.15	255.41
175	48	110.77	7.28	1.98	161.21	198.50
225	48	142.13	9.08	1.98	96.33	125.22
296	24	119.02	12.93	2.05	124.28	159.98
					88.50	141.53



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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNELL, TRT 4 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
175	40	169.13	20.66	1.98	128.13	210.12
296	24	125.41	12.60	2.05	99.57	151.26

146.48
 144.88
 143.28
 141.68
 140.08
 138.38
 136.78
 135.19
 133.59
 131.99
 130.39
 128.78
 127.18
 125.58
 123.98
 122.38
 120.77
 119.17
 117.57
 115.97
 114.37
 112.77
 111.16
 109.56
 107.96
 106.36
 104.76
 103.15
 101.55
 99.94
 98.34
 96.74
 95.15
 93.54
 91.94
 90.34
 88.74
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 75.93
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 20- 30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY.
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1971
 (CONFLUENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
175	48	114.91	9.17	1.98	96.73	133.09
296	24	83.48	4.74	2.05	73.68	93.11

113.57
 112.21
 110.09
 109.50
 108.27
 106.96
 105.65
 104.34
 103.02
 101.71
 100.40
 99.09
 97.78
 96.47
 95.15
 93.84
 92.53
 91.22
 89.91
 88.60
 87.28
 85.97
 84.66
 83.34
 82.04
 80.73
 79.41
 78.10
 76.79
 75.48
 74.17
 72.86
 71.54
 70.23
 68.92
 67.61
 66.30
 64.99
 63.67
 62.36
 61.04
 59.74
 58.43
 57.12
 55.80
 54.49
 53.18
 51.87
 50.56
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 30- 40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNEE, TRT 4 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
175	48	87.88	4.16	1.98	79.81	103.20
206	24	73.85	10.84	2.85	53.26	94.44

169.40
 166.44
 163.48
 160.52
 157.57
 154.61
 151.65
 148.69
 145.73
 142.77
 139.81
 136.85
 133.89
 130.93
 127.97
 124.01
 122.06
 119.10
 116.14
 113.18
 110.22
 107.26
 104.30
 101.34
 98.38
 95.42
 92.46
 89.51
 86.55
 83.59
 80.63
 77.67
 74.71
 71.75
 68.79
 65.83
 62.87
 59.91
 56.95
 54.00
 51.04
 48.08
 45.12
 42.16
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

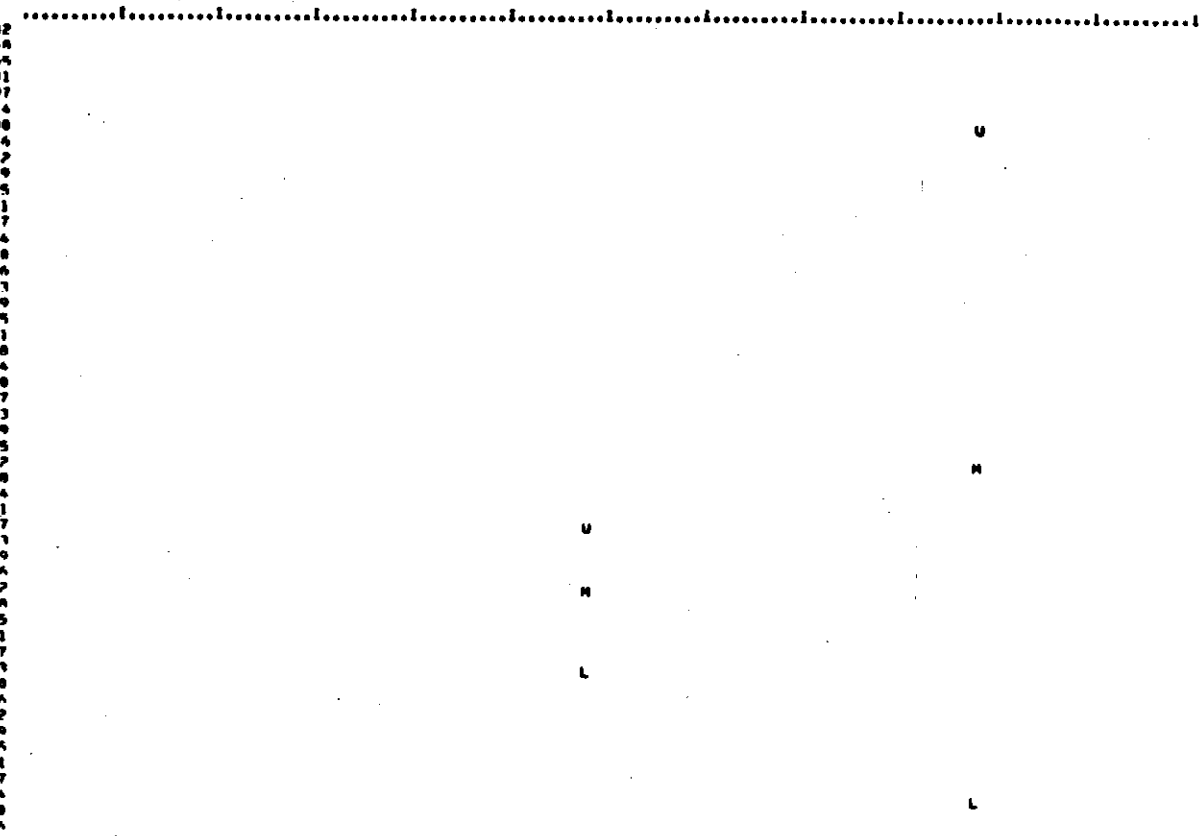
AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 40-50 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
175*	48	75.44	5.89	1.98	63.75	87.13
296	24	88.91	31.73	2.05	23.83	154.00

*Sequence missing 3 cm of core length.

121.32
 119.48
 117.64
 115.81
 113.97
 112.14
 110.30
 108.46
 106.62
 104.79
 102.95
 101.11
 99.27
 97.44
 95.60
 93.76
 91.93
 90.09
 88.25
 86.41
 84.58
 82.74
 80.90
 79.07
 77.23
 75.39
 73.55
 71.72
 69.88
 68.04
 66.21
 64.37
 62.53
 60.69
 58.86
 57.02
 55.18
 53.35
 51.51
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 29.46

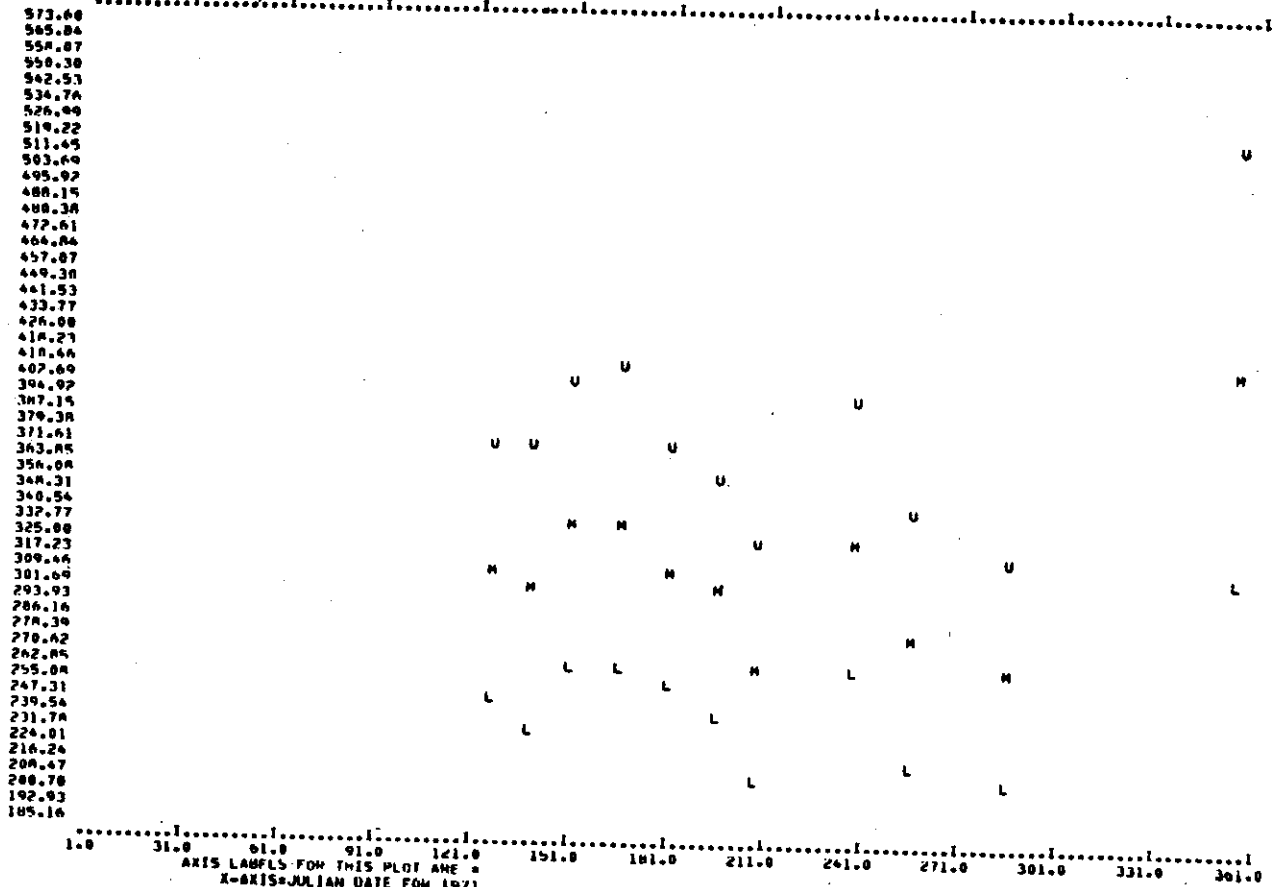


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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M 50) FOR 50- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 4 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

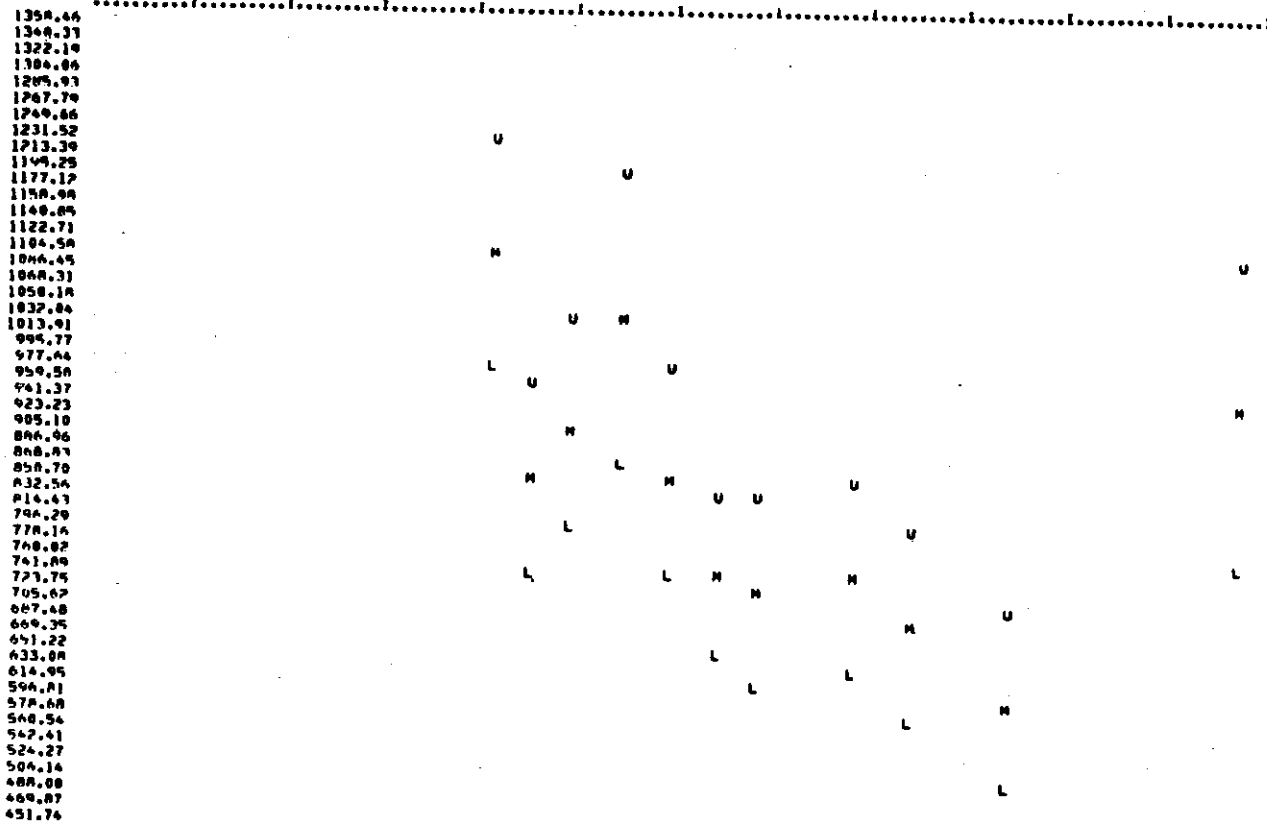
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M 50)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
175*	46	56.13	3.77	1.99	48.05	63.62
296	24	71.51	18.91	2.05	32.74	110.29

*Sequence missing 31 cm of core length.



THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNLEE, TRT 5 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

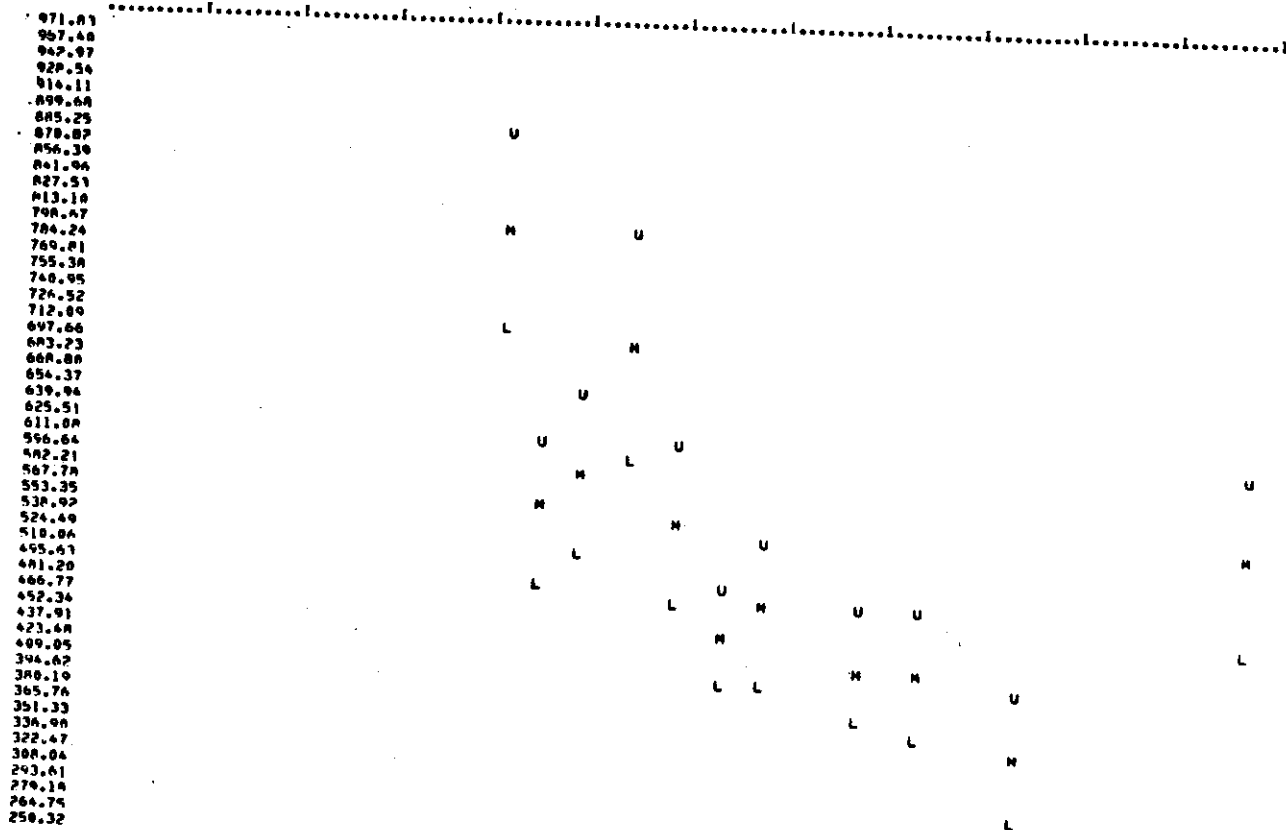
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
176	40	307.70	31.64	1.90	244.93	370.47
130	40	300.20	35.81	1.90	229.15	371.26
152	40	332.00	35.97	1.90	261.52	404.24
145	40	336.23	35.79	1.90	265.23	407.23
102	40	312.44	30.20	1.90	252.92	372.76
197	40	299.16	28.55	1.90	242.53	355.80
200	40	263.00	29.26	1.90	205.74	321.86
237	40	320.20	33.00	1.90	262.62	393.90
256	40	277.52	29.06	1.90	218.20	336.75
207	24	264.36	26.61	2.05	209.78	318.95
355	24	414.23	52.20	2.05	307.00	521.46



AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNEE, TRT 6 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

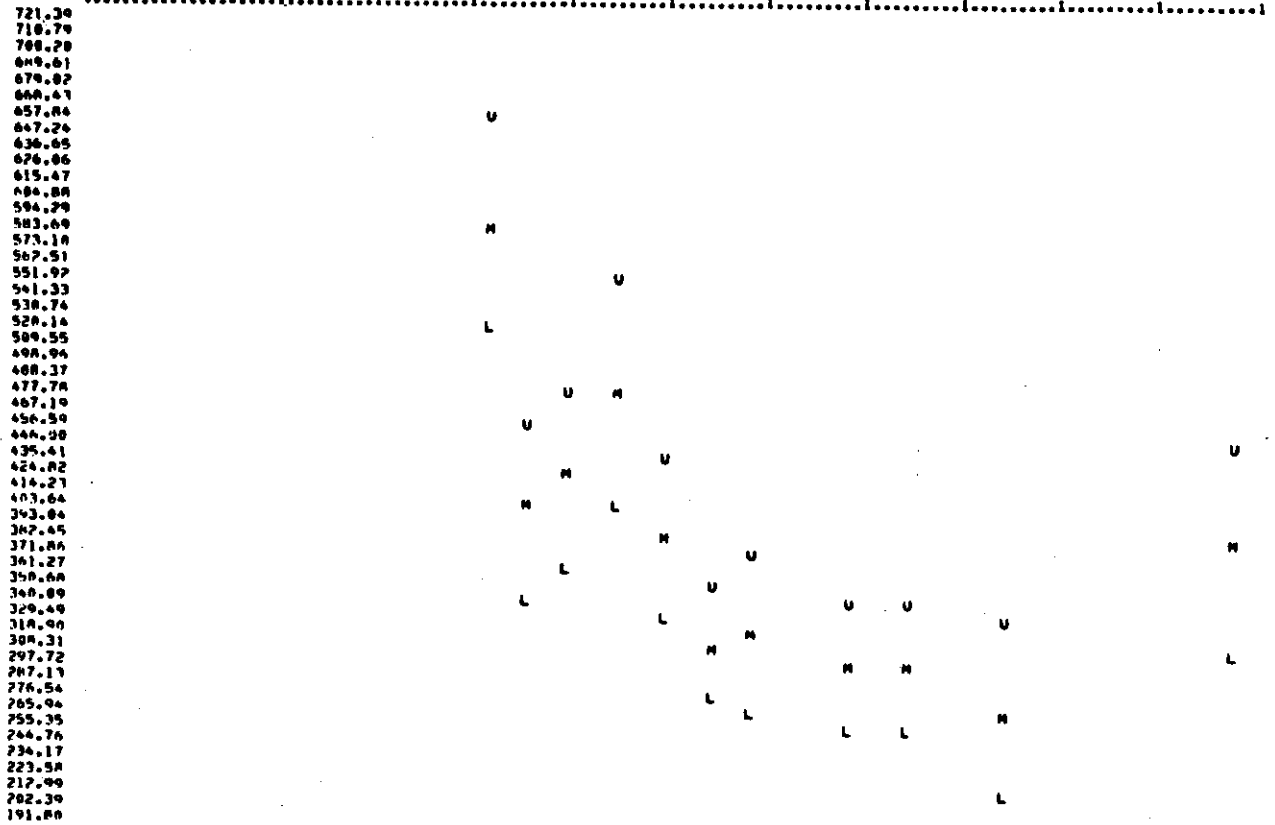
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
126	48	1104.61	65.70	1.98	974.25	1234.97
138	48	848.36	56.81	1.98	735.64	961.07
152	48	913.43	61.23	1.98	791.96	1034.91
165	48	1034.29	80.47	1.98	874.55	1193.86
182	48	853.97	58.95	1.98	737.81	970.93
197	48	748.68	47.97	1.98	645.43	855.77
208	48	723.77	54.04	1.98	616.55	830.98
237	48	742.82	54.14	1.98	635.40	850.24
256	48	885.00	55.64	1.98	575.18	796.15
287	24	683.88	49.67	2.05	501.93	705.67
355	24	933.24	64.46	2.05	760.00	1106.47



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0-10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 6 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
126	48	796.91	43.64	1.98		
138	48	548.15	33.43	1.98	710.33	883.49
152	48	506.55	35.53	1.98	481.83	614.48
165	48	697.97	59.86	1.98	510.05	691.05
182	48	541.13	34.24	1.98	597.09	748.65
197	48	441.44	23.44	1.98	473.19	604.07
208	48	459.97	38.88	1.98	394.93	607.95
237	48	414.56	26.23	1.98	398.86	521.08
256	48	408.14	29.03	1.98	362.52	466.59
287	24	339.44	29.89	1.98	350.54	465.75
355	24	519.81	39.48	2.05	276.13	400.74
				2.05	438.21	599.81



AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 5 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 6 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE-VALUE	LOWER LIMIT	UPPER LIMIT
124	48	587.11	34.63			
138	48	398.38	31.31	1.98	518.41	655.81
152	48	421.54	29.57	1.98	336.26	468.51
165	48	477.65	37.98	1.98	362.87	488.20
182	48	383.43	26.23	1.98	402.30	553.01
197	48	318.86	19.35	1.98	331.39	435.48
213	48	319.86	26.37	1.98	272.47	369.25
228	48	296.10	22.77	1.98	266.74	371.39
256	48	296.48	28.26	1.98	258.92	341.28
287	24	269.64	27.56	1.98	256.28	348.68
355	24	378.86	33.12	2.05	213.11	326.17
				2.05	318.94	446.78

311.00
306.60
301.51
296.33
291.15
285.97
280.79
275.61
270.43
265.25
260.07
254.89
249.70
244.52
239.34
234.16
228.98
223.80
218.62
213.44
208.26
203.08
197.90
192.71
187.53
182.34
177.17
171.99
166.81
161.63
156.45
151.27
146.09
140.91
135.73
130.54
125.36
120.18
115.00
109.82
104.64
99.46
94.28
89.10
83.92
78.73
73.55
68.37
63.19
58.01
52.83

1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 5- 10 CM DEPTH

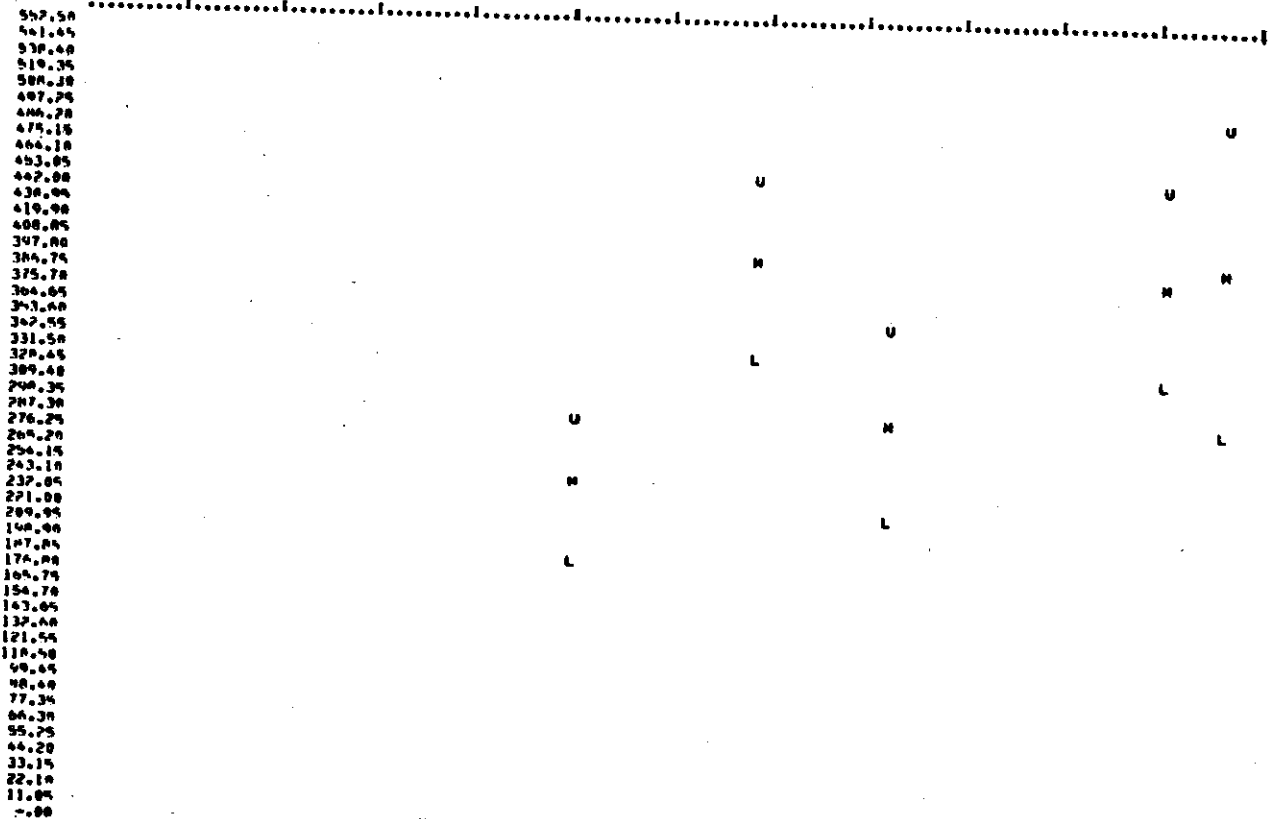
THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 6 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TCL VALUE	LOWER LIMIT	UPPER LIMIT
126	48	209.88	13.27			
130	48	149.77	8.80	1.98	183.48	236.12
152	48	159.91	10.22	1.98	132.31	167.23
165	48	228.32	31.86	1.98	138.73	179.38
182	48	157.89	15.56	1.98	157.11	283.52
197	48	130.58	6.45	1.98	126.82	188.56
208	48	148.91	9.86	1.98	117.78	143.38
237	48	118.46	8.73	1.98	123.05	158.76
256	48	111.67	11.12	1.98	101.14	145.78
287	24	49.79	5.41	2.05	89.61	133.72
355	24	148.15	18.77	2.05	58.70	88.89
					118.05	162.25



7.2.3 Environmental stress area

The belowground herbage biomass sampling for Pawnee Site 1971 for treatments D, E, F, and G, were taken five or six times during the season with two or three replicates included for each treatment. The crown material is separated and reported as a 0 to 0 cm level. All data were reported on an ash-free weight basis. Core depth strata are similar to the sampling for treatments 1, 2, 3, 4, and 6.



AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 0 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRY D FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	12	0.00	0.00			
155	48	240.22	24.65	2.21	0.00	0.00
207	48	393.15	32.39	1.90	191.31	289.12
251	48	287.65	33.54	1.90	320.00	457.42
333	24	385.50	33.57	1.90	221.10	354.19
352	24	390.40	51.62	2.05	316.71	454.40
				2.05	290.53	502.27

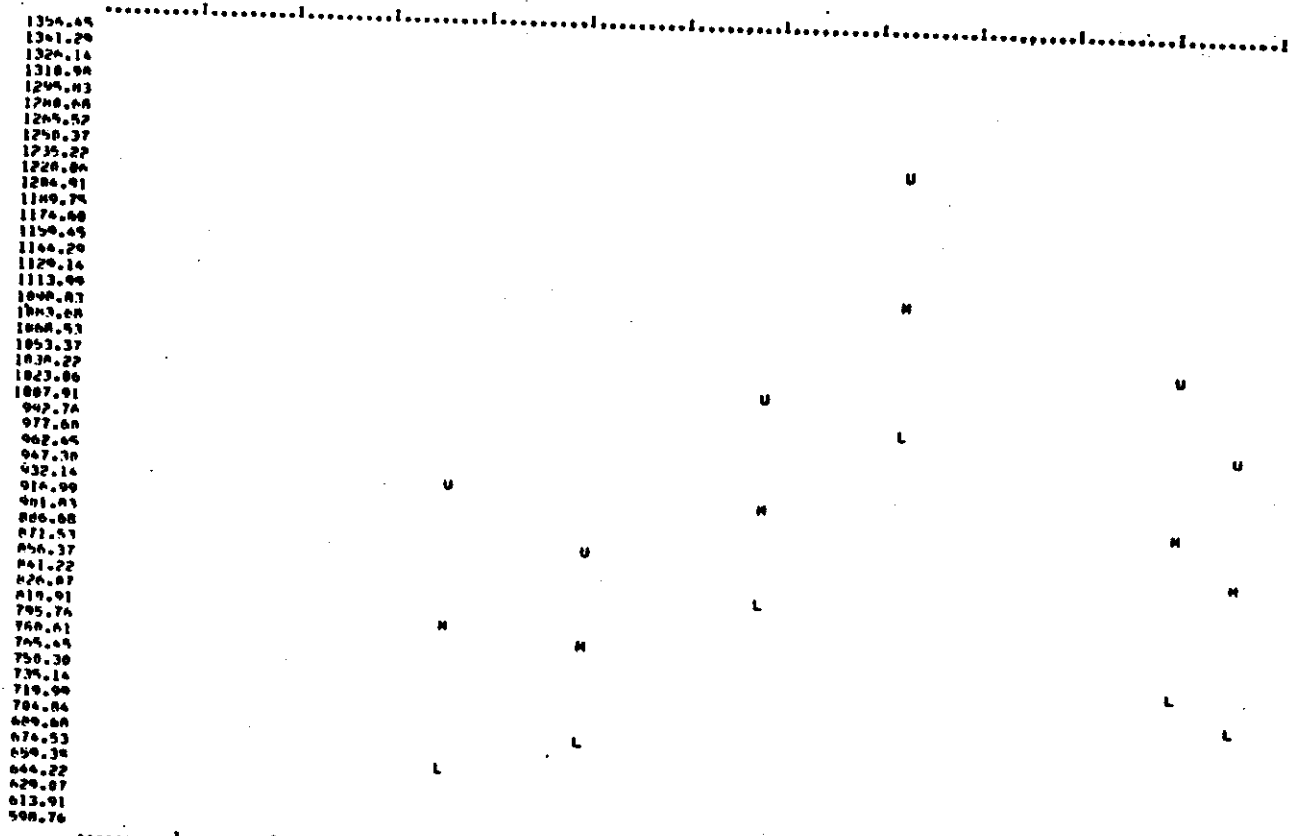
1153.26
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 1131.64
 1115.91
 1100.13
 1084.28
 1068.57
 1052.79
 1037.01
 1021.22
 1005.44
 989.66
 973.88
 958.10
 942.32
 926.53
 910.75
 894.97
 879.19
 863.41
 847.63
 831.84
 816.06
 800.28
 784.50
 768.72
 752.94
 737.16
 721.37
 705.59
 689.81
 674.03
 658.25
 642.47
 626.68
 610.90
 595.12
 579.34
 563.56
 547.78
 531.99
 516.21
 500.43
 484.65
 468.87
 453.09
 437.31
 421.52
 405.74
 389.96
 374.18

.....
 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 0-10 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT D FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
1137	12	541.55	57.01			
155	40	581.13	39.85	2.21	415.75	667.35
207	40	922.30	50.35	1.98	502.06	860.19
251	40	845.54	55.41	1.98	622.48	1022.28
333	24	984.00	74.80	1.98	735.59	955.48
352	24	849.02	64.37	2.05	758.49	907.51
				2.05	710.00	981.05

*Sequence missing crown material.

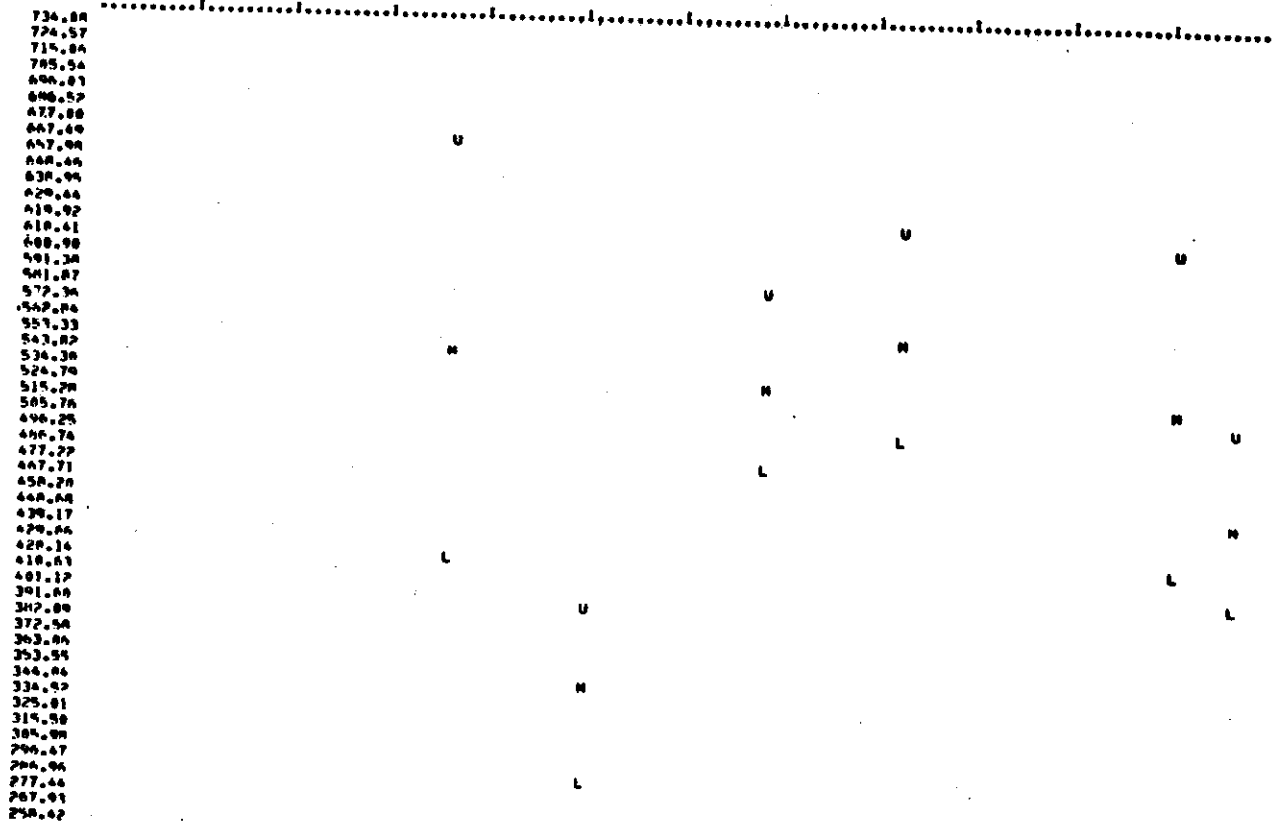


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 30 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANMEE, TRY D FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ENRM	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113*	12	798.32	68.29	2.21	665.20	931.35
145	48	777.53	47.13	1.98	684.02	871.03
207**	48	922.38	58.35	1.98	822.48	1022.20
251	48	1113.77	60.18	1.98	994.48	1213.13
333**	24	984.88	74.84	2.85	758.49	1057.51
352**	24	849.82	64.37	2.85	716.98	981.05

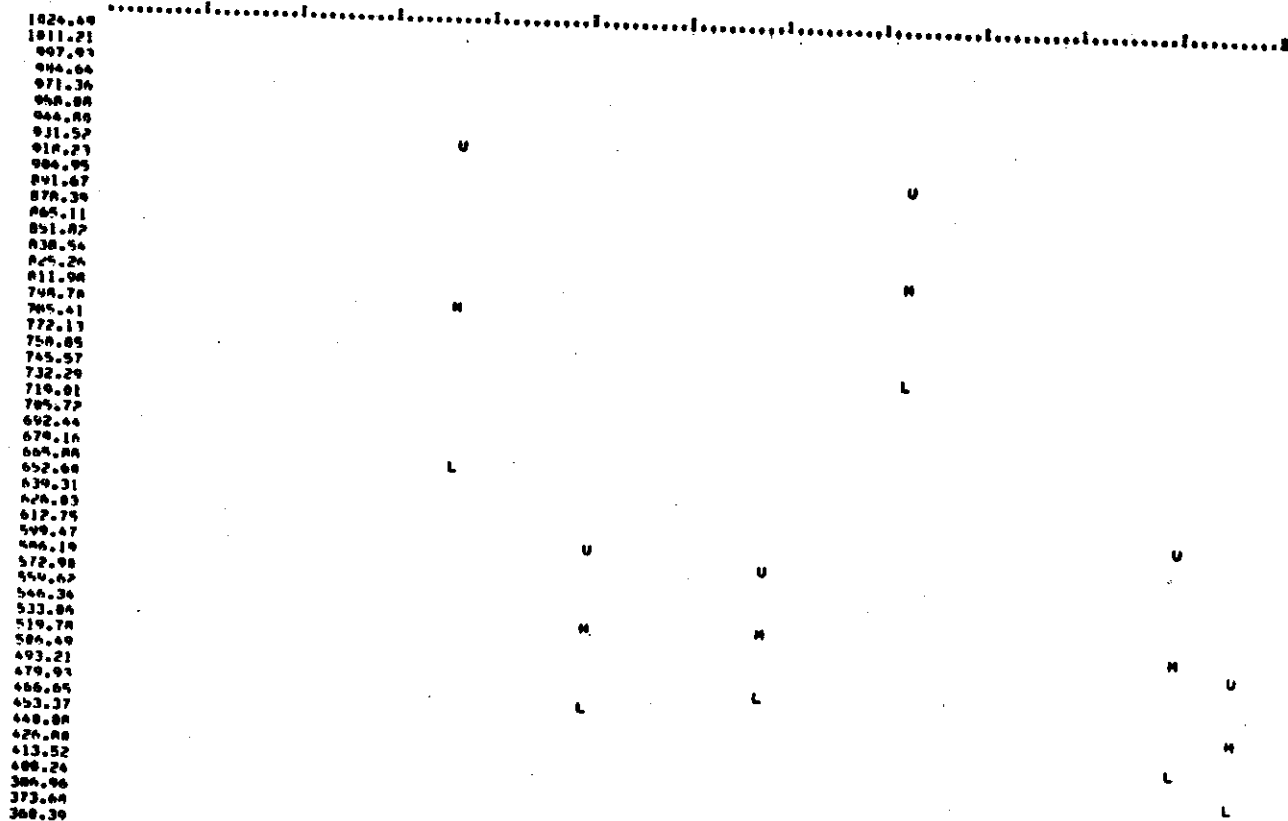
*Sequence missing crown material.
 **Sequence ends at 10 cm depth.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 0-10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, THT D FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ² SD)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	12	541.55	57.01	2.21		
155	4A	348.91	27.11	1.98	415.75	667.35
207	4A	529.15	26.48	1.98	287.13	394.69
251	4A	557.89	31.59	1.98	476.78	581.52
333	24	518.44	48.24	2.85	495.38	628.48
352	24	452.61	25.44	2.85	423.60	613.29
					489.44	564.79

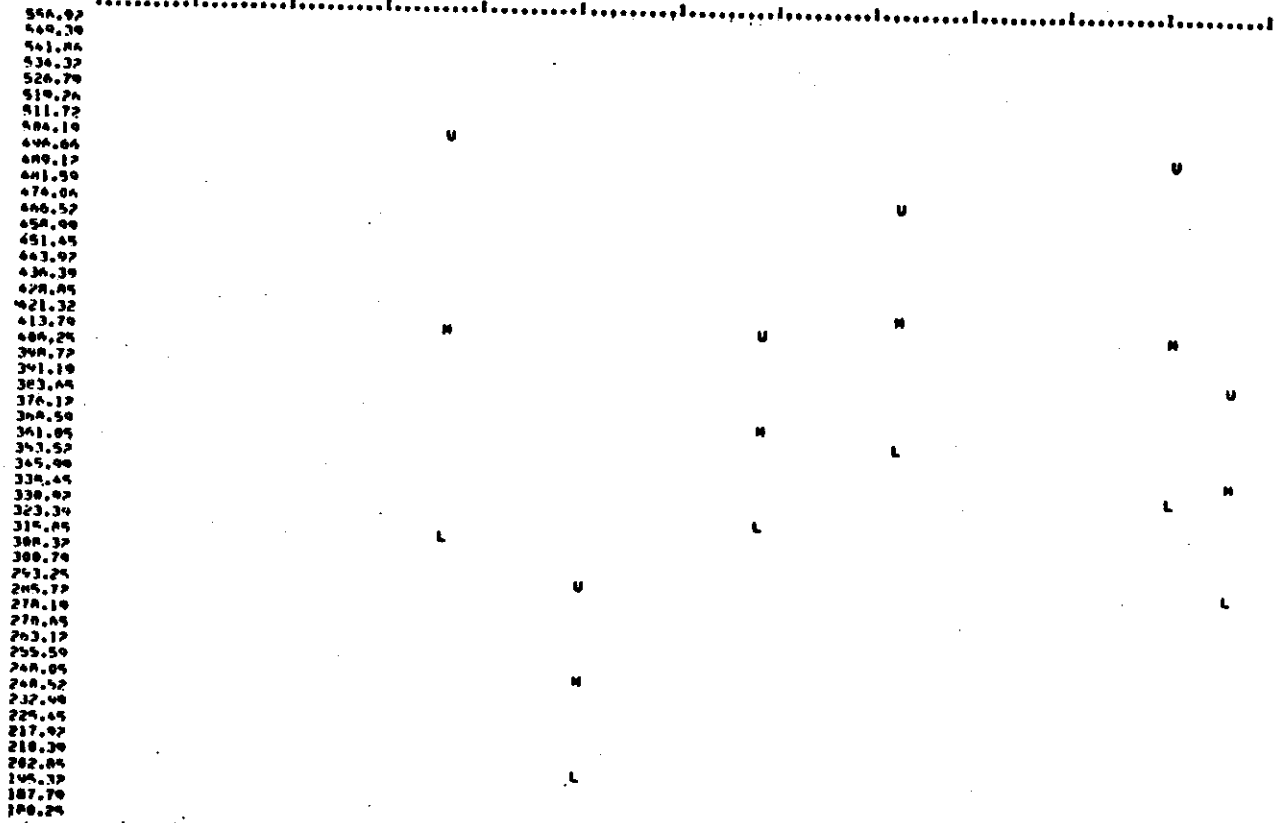


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW-GROUND BIOMASS (G/WH SQ) FOR 0-30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRY D, FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

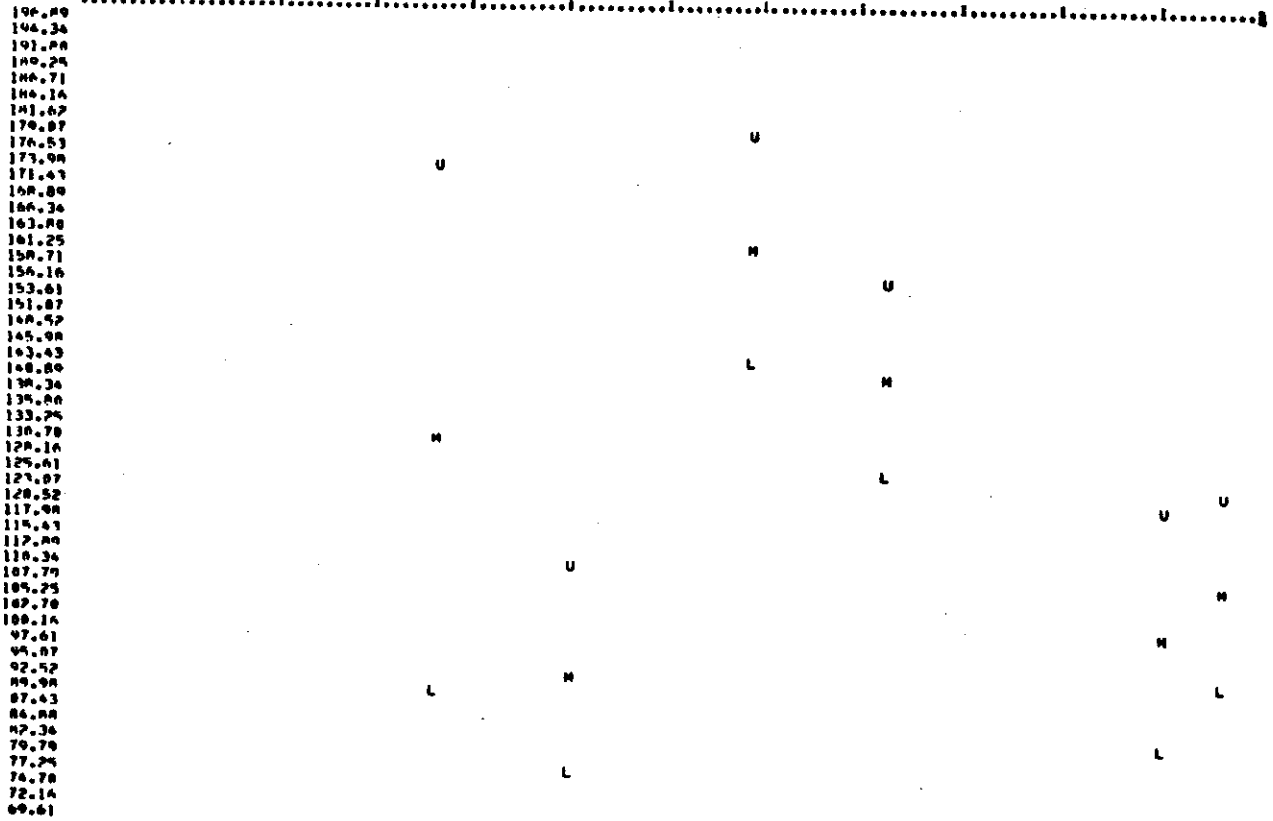
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/WH SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	12	798.32	98.29	2.21	665.29	931.35
155	48	537.31	34.88	1.98	489.69	604.92
207*	48	529.15	26.48	1.98	476.78	581.52
251	48	826.12	38.83	1.98	759.66	901.58
333*	24	518.44	46.24	2.05	423.69	613.29
392*	24	452.61	25.44	2.05	400.44	504.79

*Sequence ends at 10 cm depth.



THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT D FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/W SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	12	410.41	43.46	2.21	314.52	506.29
155	48	247.54	23.82	1.98	200.20	294.80
207	48	308.81	22.99	1.98	322.41	413.62
251	48	417.73	28.57	1.98	361.84	474.42
333	24	417.53	38.80	2.05	337.94	497.12
352	24	344.34	23.94	2.05	295.23	393.45

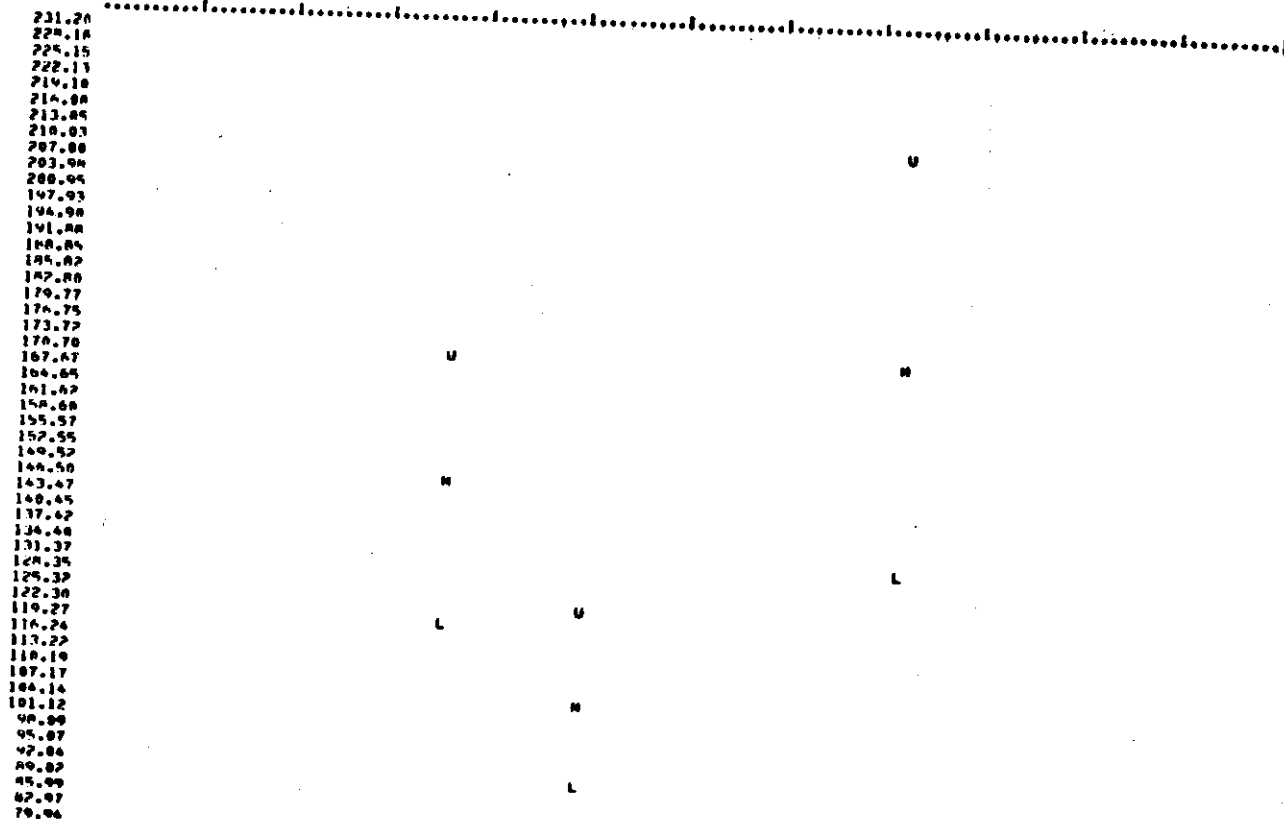


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 5- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANHEE, TRY 0 FOR 1971
CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL

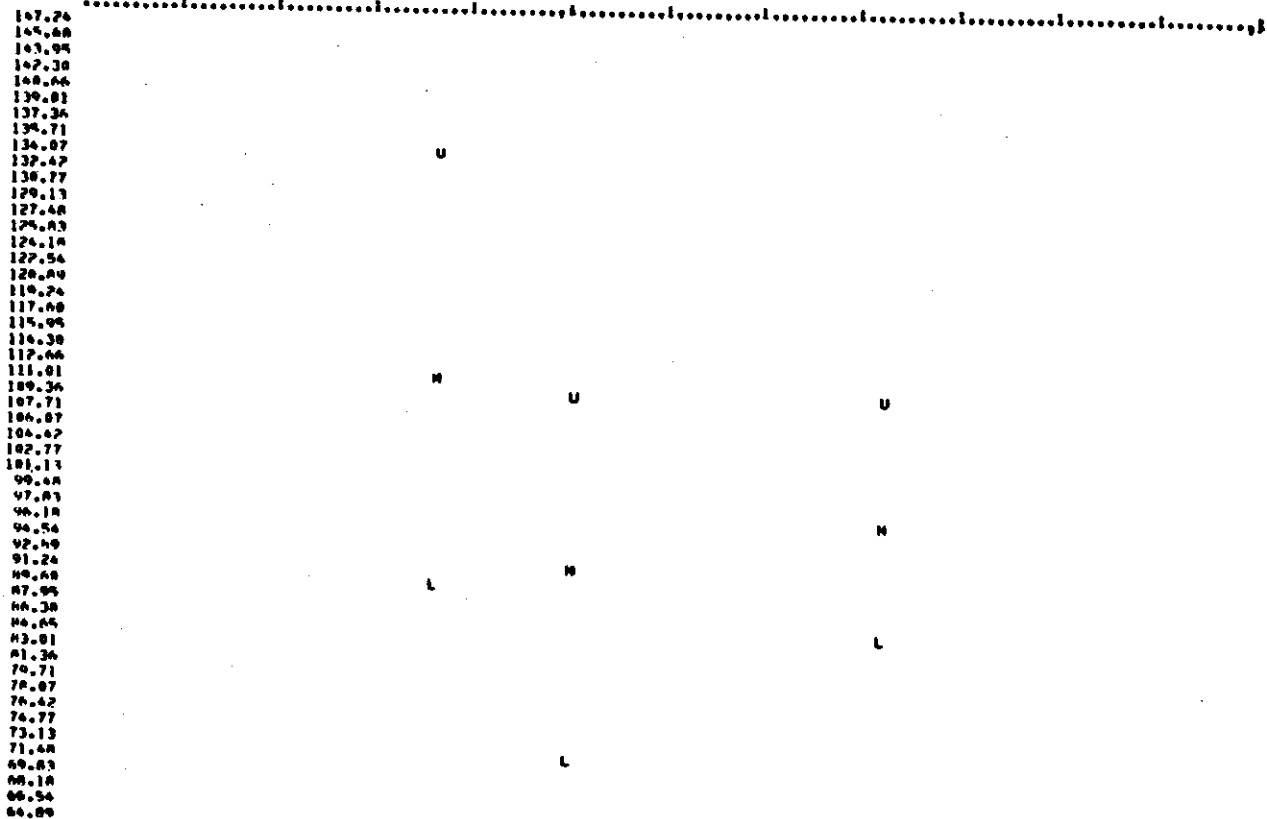
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	12	131.14	19.04	2.21	89.14	173.15
155	48	93.37	8.88	1.98	77.34	109.48
207	48	101.14	9.88	1.98	143.28	178.99
251	48	140.16	7.95	1.98	125.19	155.13
333	24	100.92	9.15	2.05	82.15	119.68
352	24	100.27	7.13	2.05	93.65	122.90



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M² SO) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PARCEL, TRY D FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

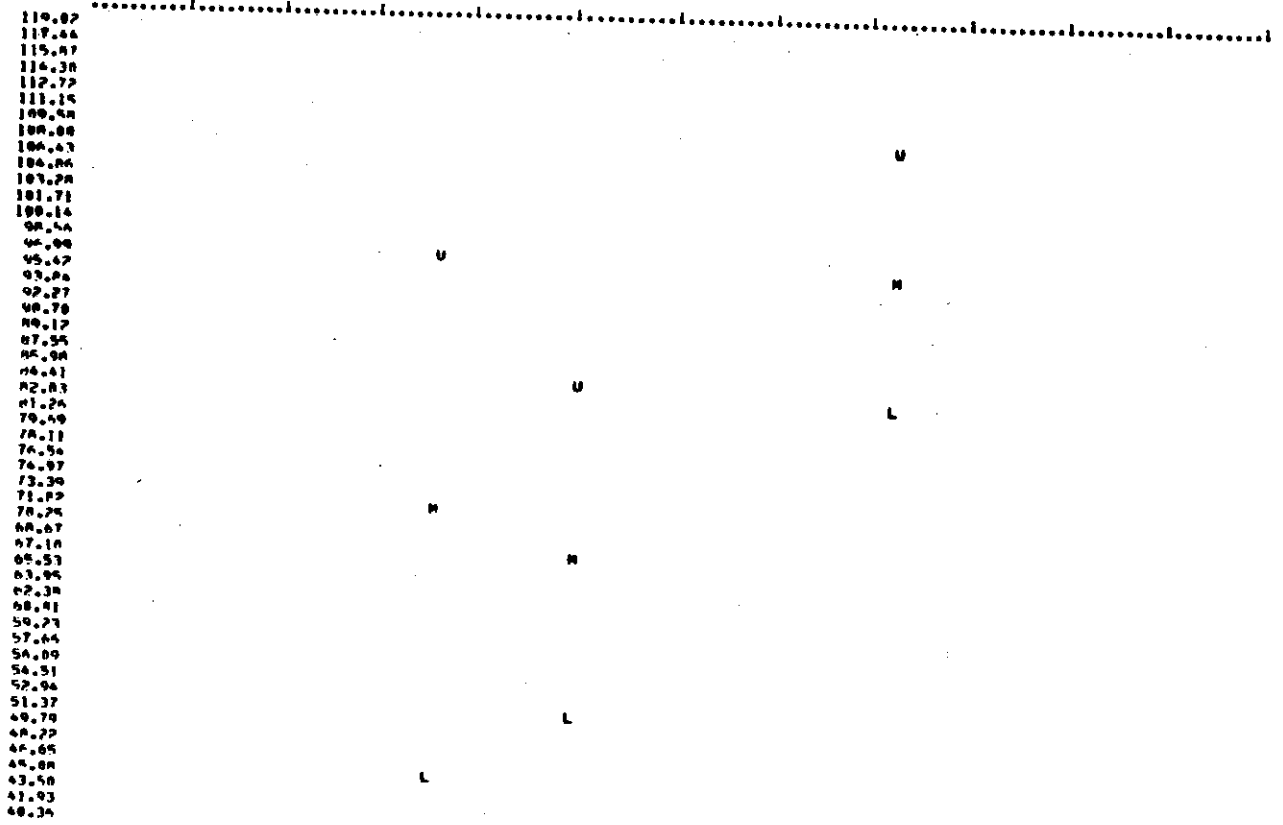
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ² SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	12	145.15	12.83	2.21		
195	40	105.57	8.44	1.90	110.60	171.70
251	40	171.36	19.57	1.90	132.53	210.10



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 20-30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT D FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

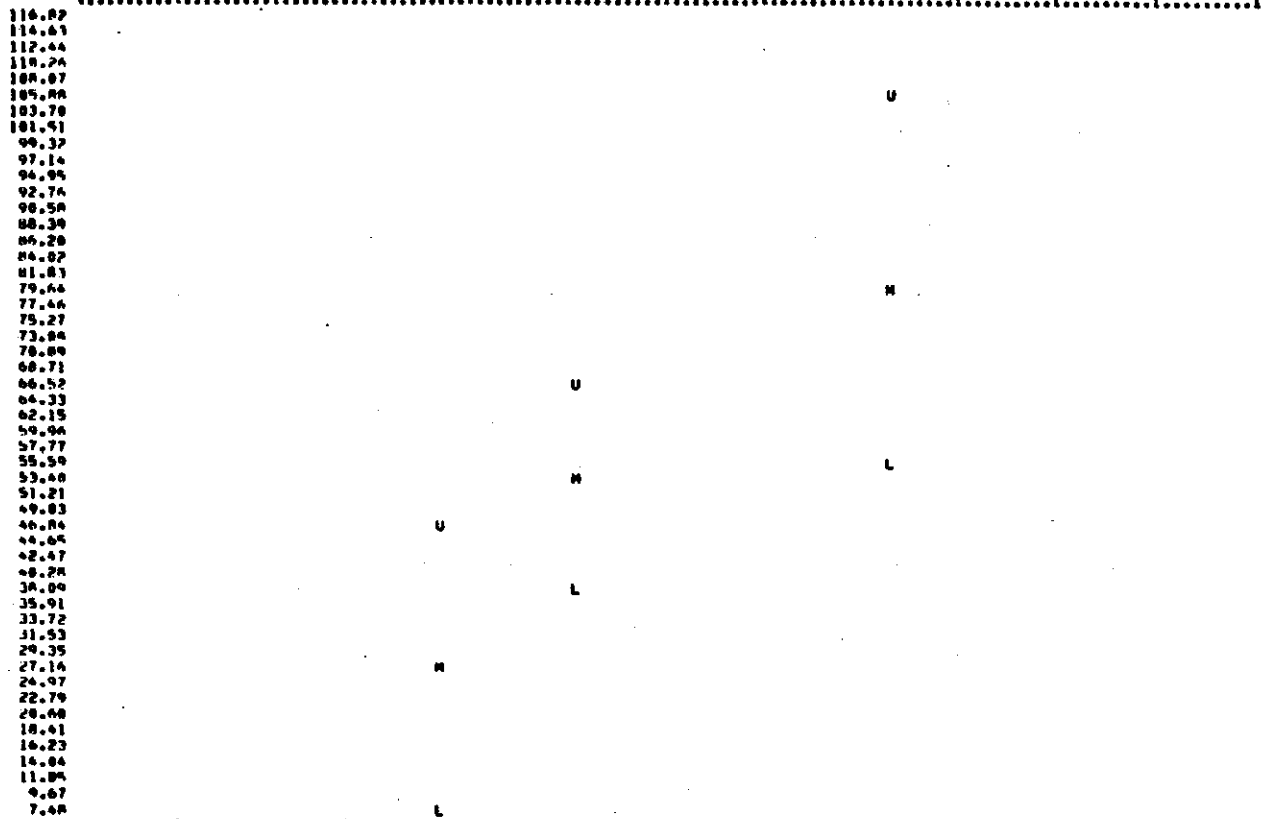
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	12	111.02	10.06			
155	48	96.02	9.44	2.21	89.38	133.66
291	48	96.67	9.93	1.98	72.10	109.55
				1.98	85.10	108.64



THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANWEE, TRY D FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEL VALUE	LOWER LIMIT	UPPER LIMIT
113*	12	71.30	11.99	2.21	66.84	97.76
155	48	67.48	8.20	1.98	51.21	83.75
251**	48	95.17	6.50	1.98	82.15	108.20

*Sequence missing 6 cm of core length.
 **Sequence missing 5 cm of core length.

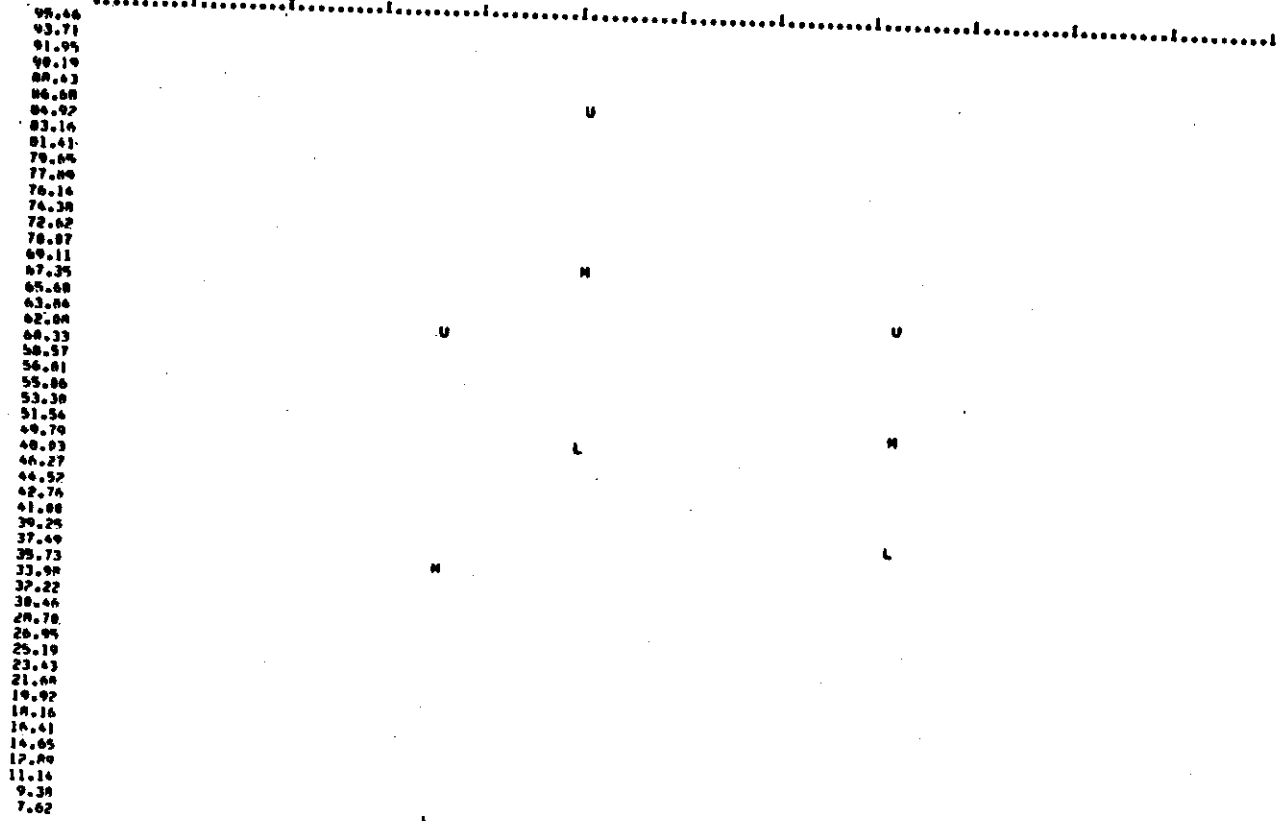


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 40- 50 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TNT D FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113*	8	20.81	6.20	2.38	8.31	47.71
155**	40	52.73	7.47	1.98	37.90	67.56
291***	40	80.49	12.84	1.89	54.79	106.28

*Sequence missing 12 cm of core length.
 **Sequence missing 2 cm of core length.
 ***Sequence missing 8 cm of core length.

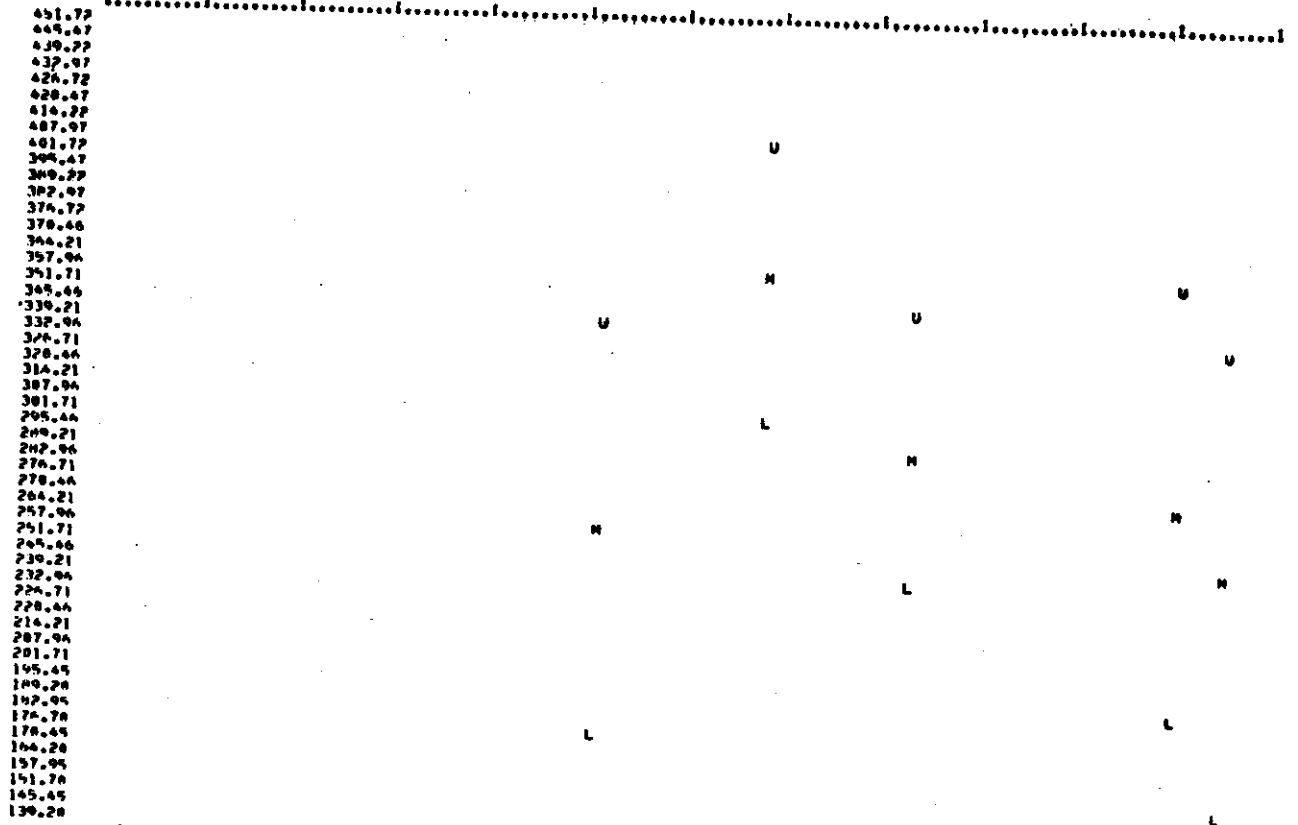


AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 50- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMME, TRY D FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113*	5	35.65	9.93	2.74	6.47	62.83
155**	47	68.48	9.22	1.99	50.18	86.78
251***	43	51.52	6.19	1.99	39.19	63.85

*Sequence missing 9 cm of core length.
 **Sequence missing 18 cm of core length.
 ***Sequence missing 7 cm of core length.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE *
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 0 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT E FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
158	48	258.04	39.56	1.98		
207	48	355.85	27.62	1.98	179.55	336.54
253	48	291.25	27.15	1.98	301.04	418.65
333	8	272.47	34.87	2.38	237.38	345.13
350	24	243.42	43.27	2.05	189.51	355.44
					154.67	332.18

1173.83
1159.45
1141.87
1124.29
1114.71
1100.13
1084.54
1070.06
1054.38
1041.08
1027.22
1017.64
998.84
987.48
968.00
954.31
939.73
925.15
910.47
895.99
881.41
866.83
852.25
837.66
823.08
808.50
793.92
779.34
764.76
750.18
735.60
721.02
706.44
691.84
677.27
662.69
648.11
633.53
618.95
604.37
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546.04
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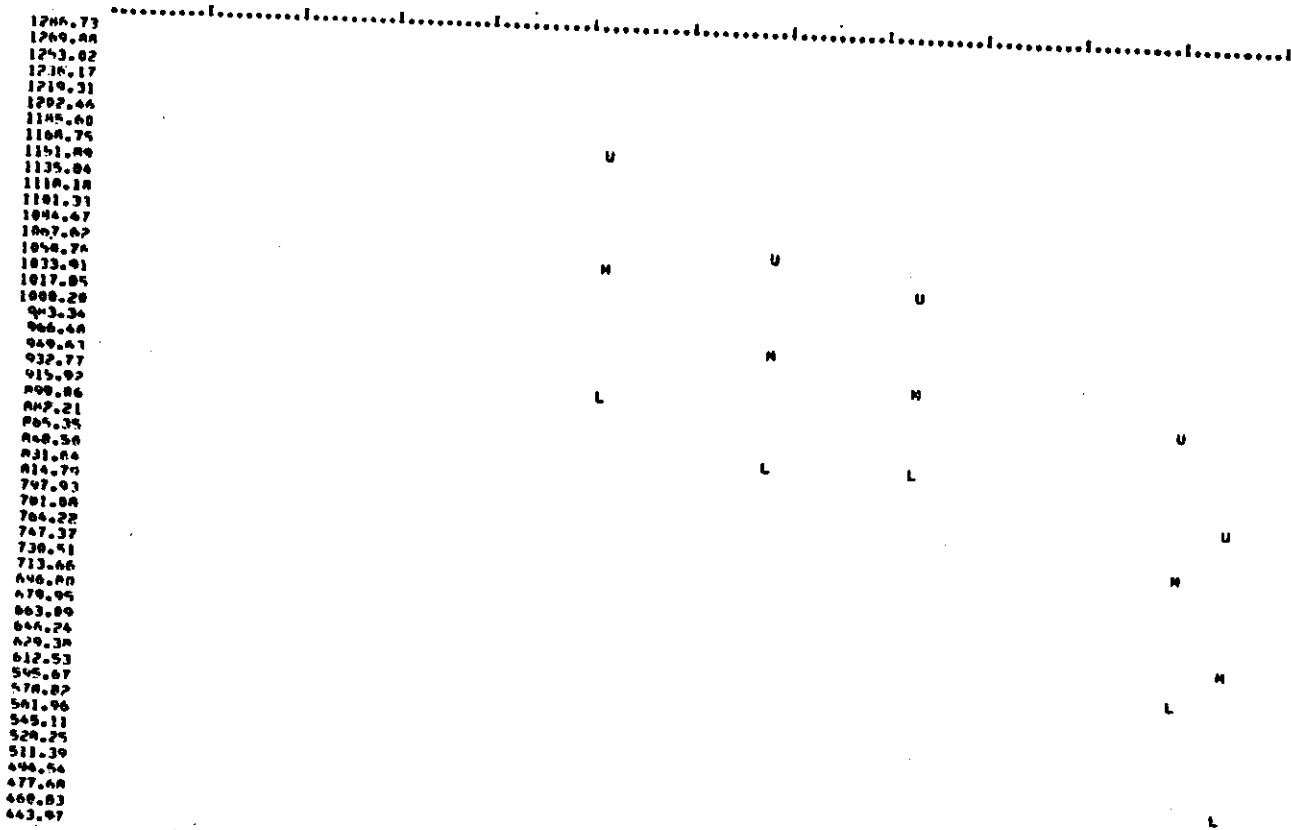
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT E FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEL VALUE	LOWER LIMIT	UPPER LIMIT
148	48	782.51	59.55	1.98		
287	48	959.13	54.86	1.98	864.35	989.67
353	8	722.25	49.81	1.98	851.86	1066.39
358	24	755.74	56.85	2.38	641.27	893.22
		645.39	76.15	2.05	626.40	891.00
					493.38	797.48

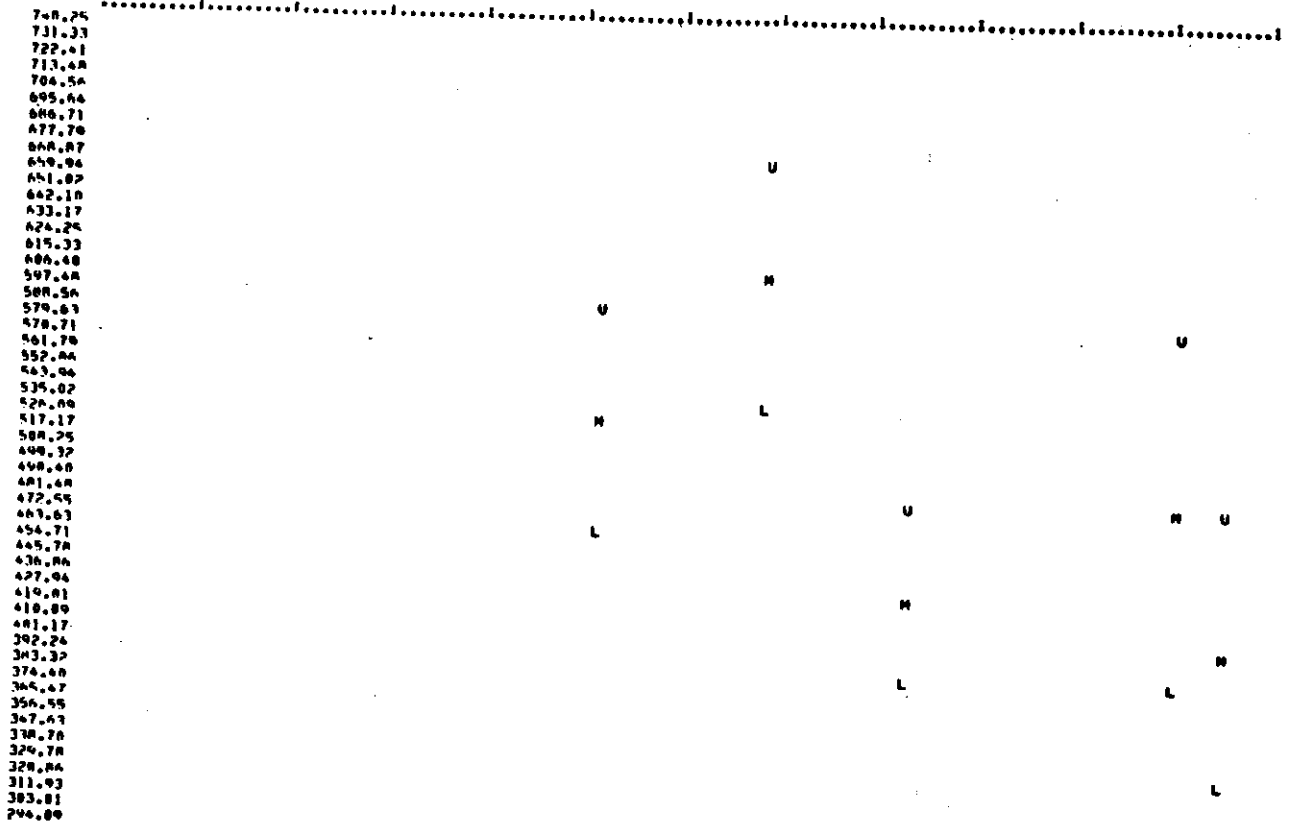


AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SOI) FOR 0-30 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL.
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SOI)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
150	40	1042.36	64.21	1.98	914.96	1169.76
207	40*	959.13	54.06	1.98	851.86	1066.39
253	40	939.46	46.90	1.98	846.38	1032.50
333	8*	795.74	56.05	2.38	620.48	891.00
350	24*	645.39	74.15	2.05	493.30	797.48

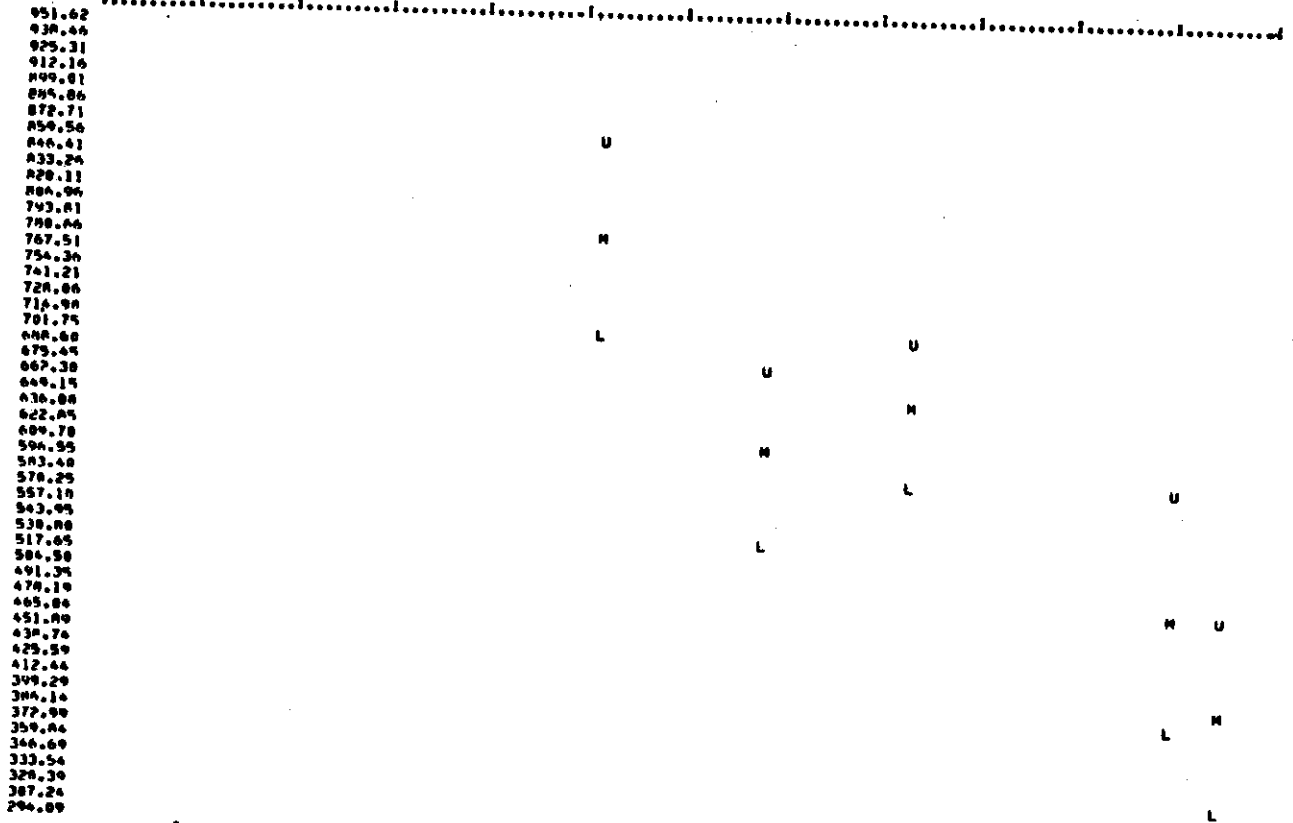
*Sequence ends at 10 cm depth.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0-10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANOLE, TRY E FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEL VALUE	LOWER LIMIT	UPPER LIMIT
158	48	524.47	31.37	1.98		
207	48	683.20	35.12	1.98	462.22	586.72
253	48	438.99	24.18	1.98	533.00	672.96
333	0	483.27	48.75	2.38	383.82	476.97
350	24	481.97	36.67	2.85	386.32	580.21
					326.76	477.17

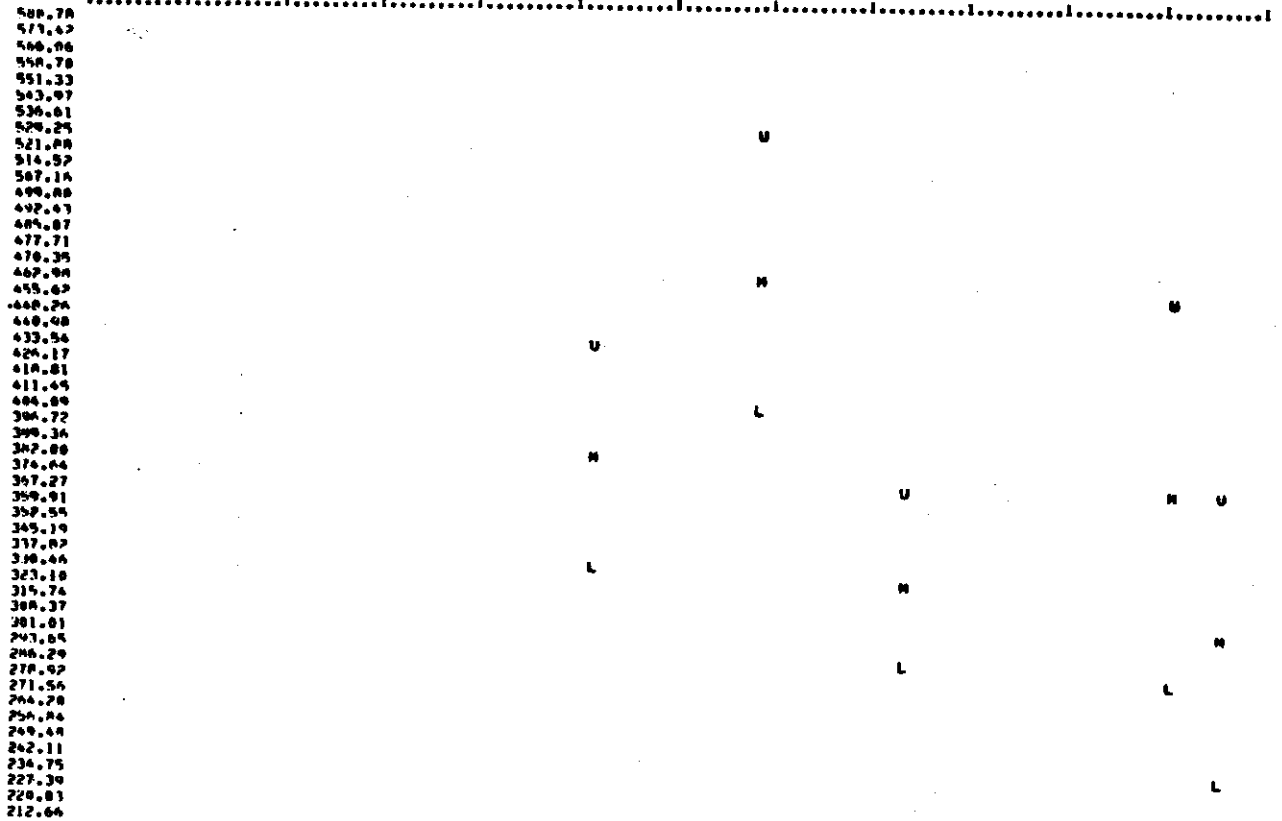


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 0-30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE TRT E FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
150	40	784.32	48.72			
287*	48	683.20	35.12	1.98	703.53	
293	48	648.19	38.89	1.98	533.00	865.18
333*	8	483.27	48.75	1.98	588.49	672.96
350*	24	481.97	36.87	2.38	386.32	707.08
				2.05	326.76	586.21
						477.17

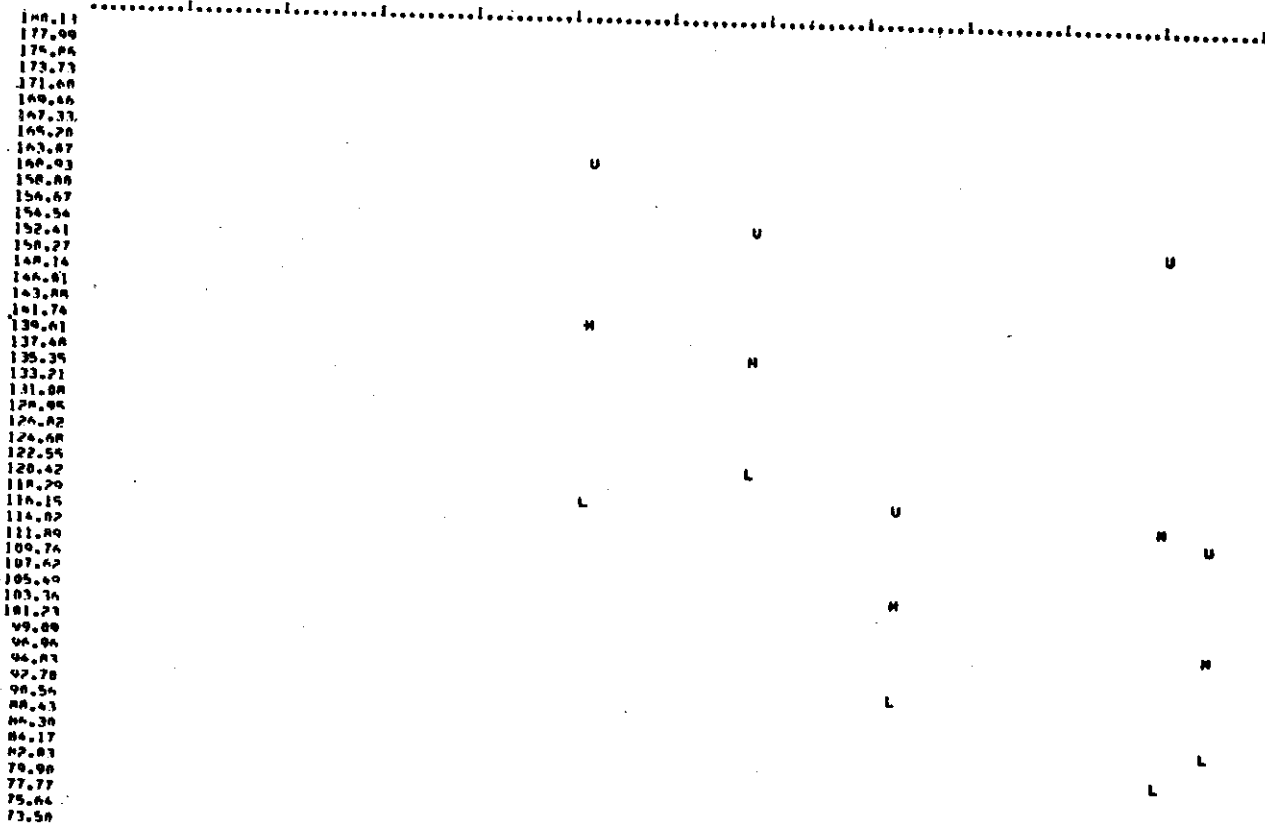
*Sequence ends at 10 cm depth.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SOI) FOR 0- 5 CM DEPTH

THESE DATA INCLUDE ONLY MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT E FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

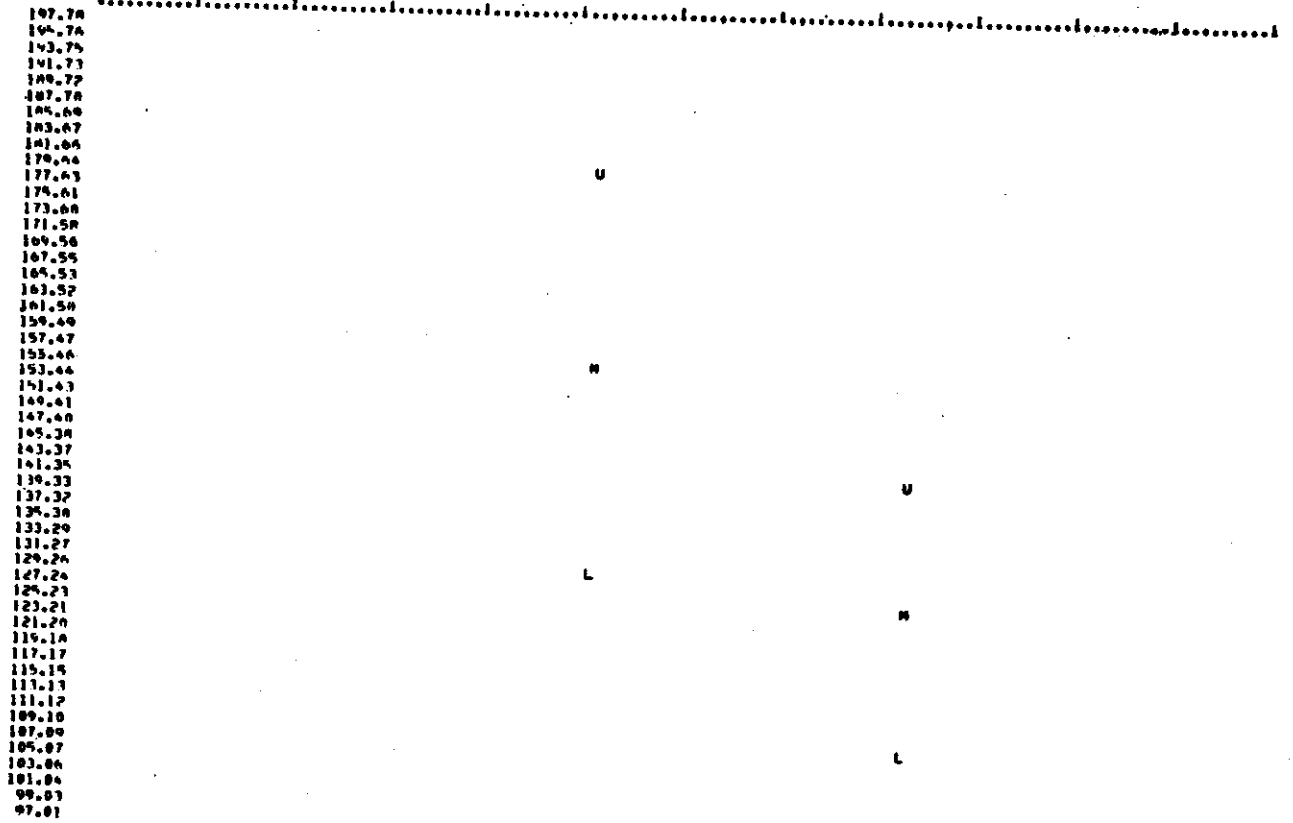
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SOI)	STANDARD ERROR	TSE VALUE	LOWER LIMIT	UPPER LIMIT
150	48	383.25	20.35	1.90	339.96	435.53
287	48	465.72	31.38	1.90	403.44	527.98
293	48	326.16	21.61	1.90	283.29	369.83
333	24	366.41	37.08	2.30	276.77	456.06
350	24	302.84	32.45	2.05	236.29	369.39



AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 5- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT E FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

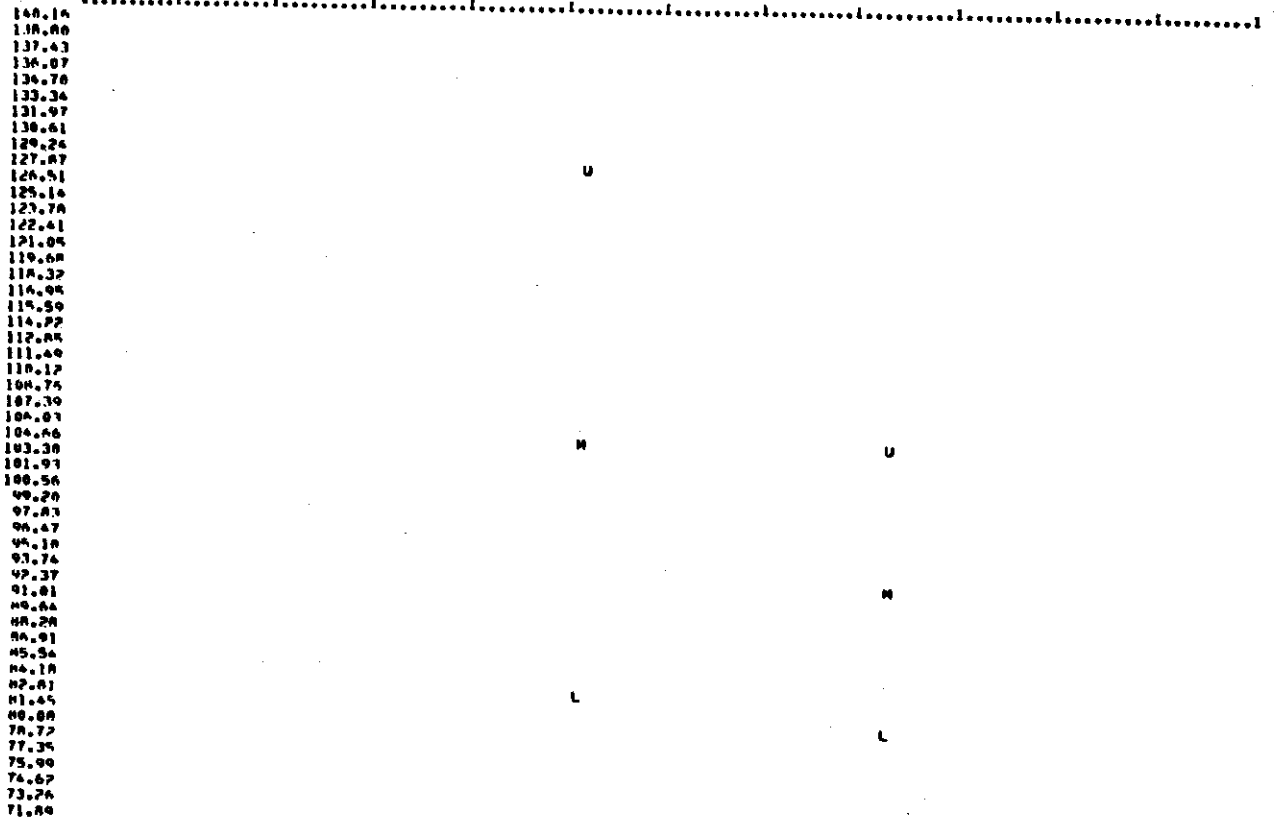
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEL VALUE	LOWER LIMIT	UPPER LIMIT
150	40	141.22	11.35			
207	40	137.50	8.02	1.90	118.70	163.75
253	40	104.83	6.33	1.90	121.64	153.48
333	4	116.86	14.79	1.90	92.27	117.39
350	24	99.12	6.76	2.30	81.67	152.04
				2.85	85.26	112.98



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE- TRT E FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

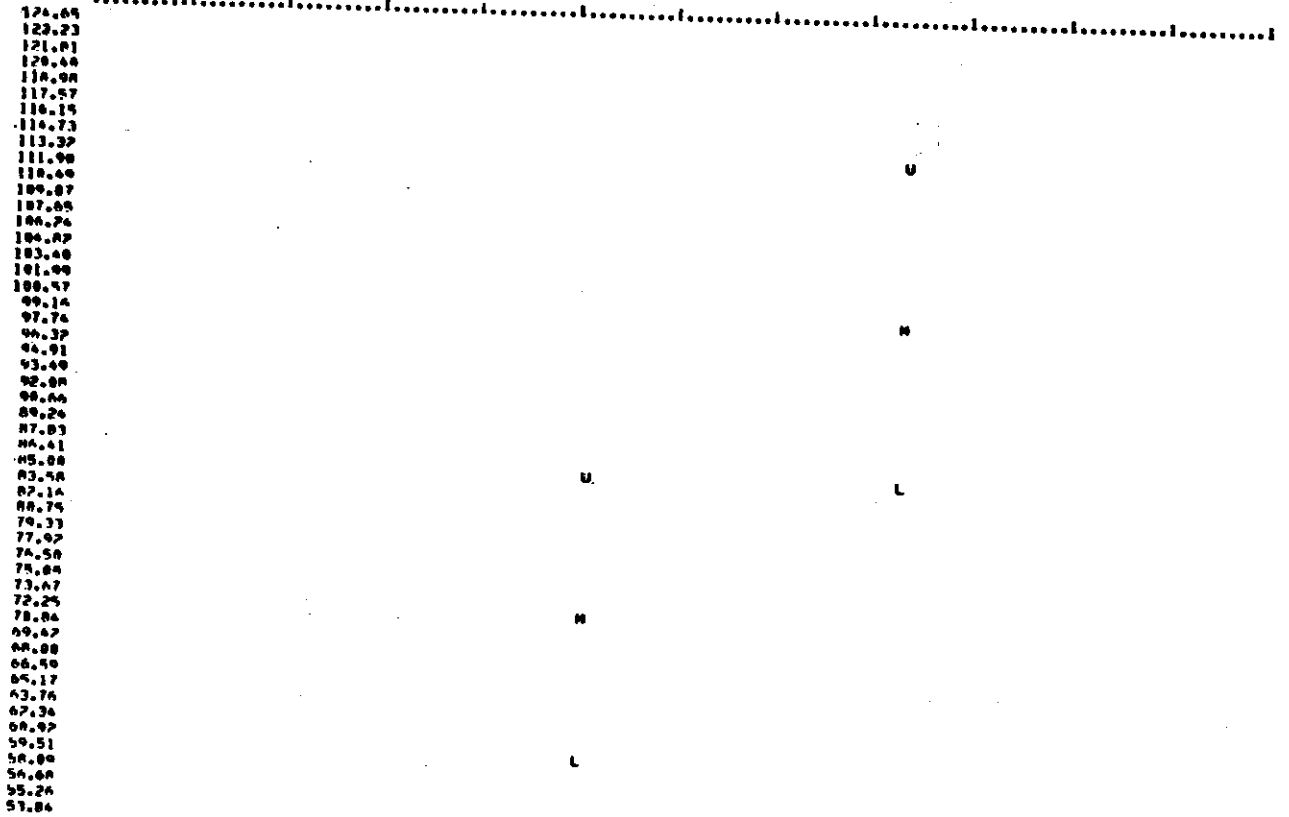
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
150	40	154.59	12.70	1.90	129.39	179.80
243	40	124.67	8.51	1.90	107.79	141.55



AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 20- 30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANHEE. TRT E FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

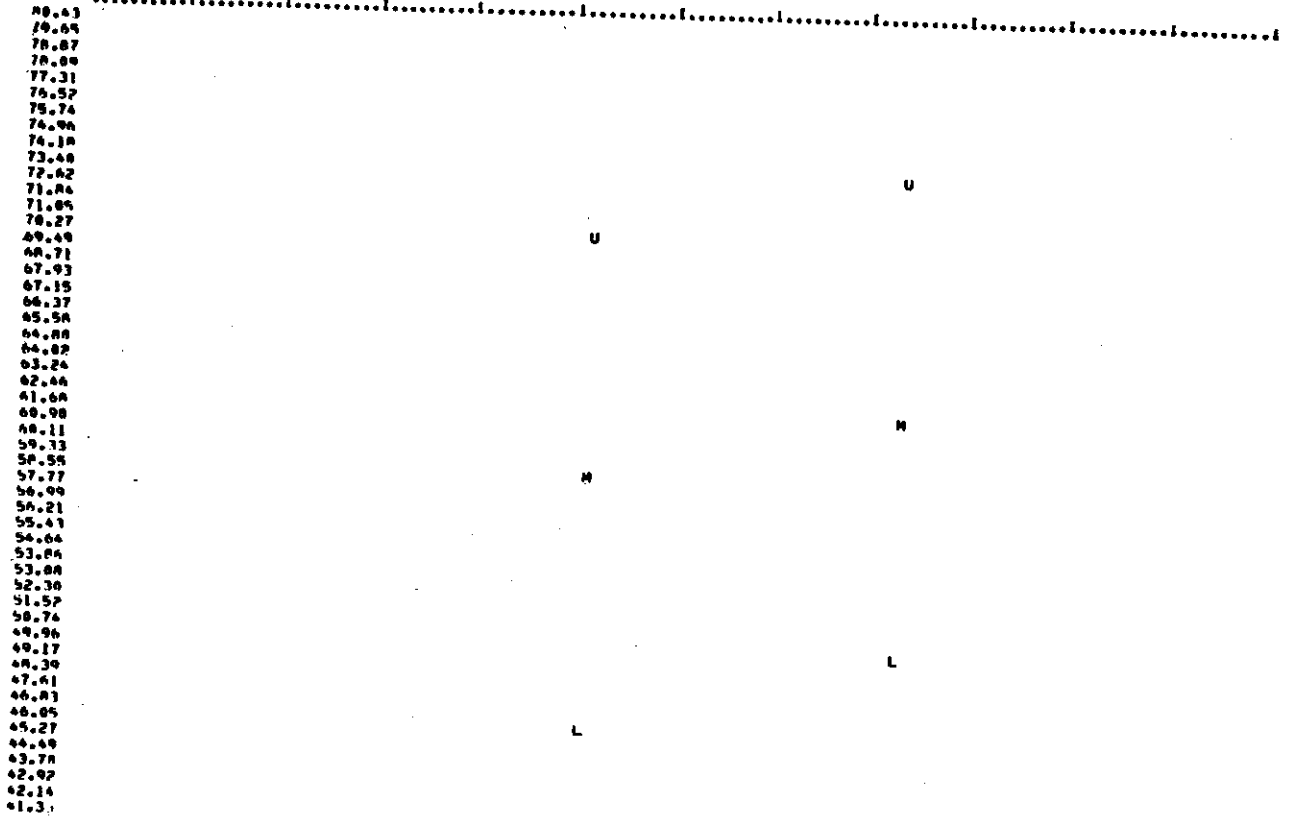
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
158	48	105.25	11.17	1.98	83.09	127.42
253	48	92.52	6.37	1.98	79.88	105.17



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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE *
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SOI) FOR 30- 40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT E FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

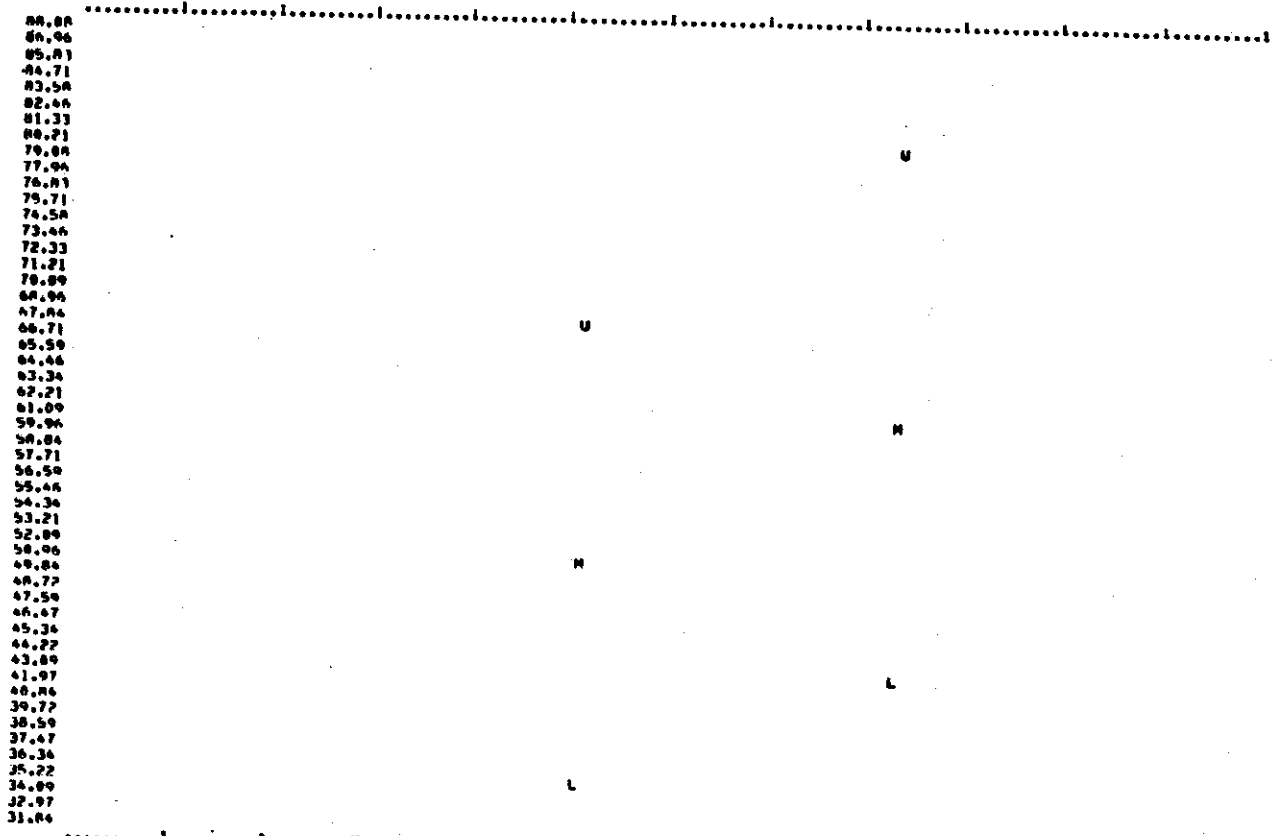
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SOI)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
158	48	72.57	6.43	1.98	59.83	85.32
253	48	99.42	7.88	1.98	85.52	113.31



AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW-GROUND BIOMASS (G/M²) FOR 40-50 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRY E FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
150	40	58.25	6.20	1.98	45.96	70.55
253	40	61.65	5.78	1.98	50.17	73.12

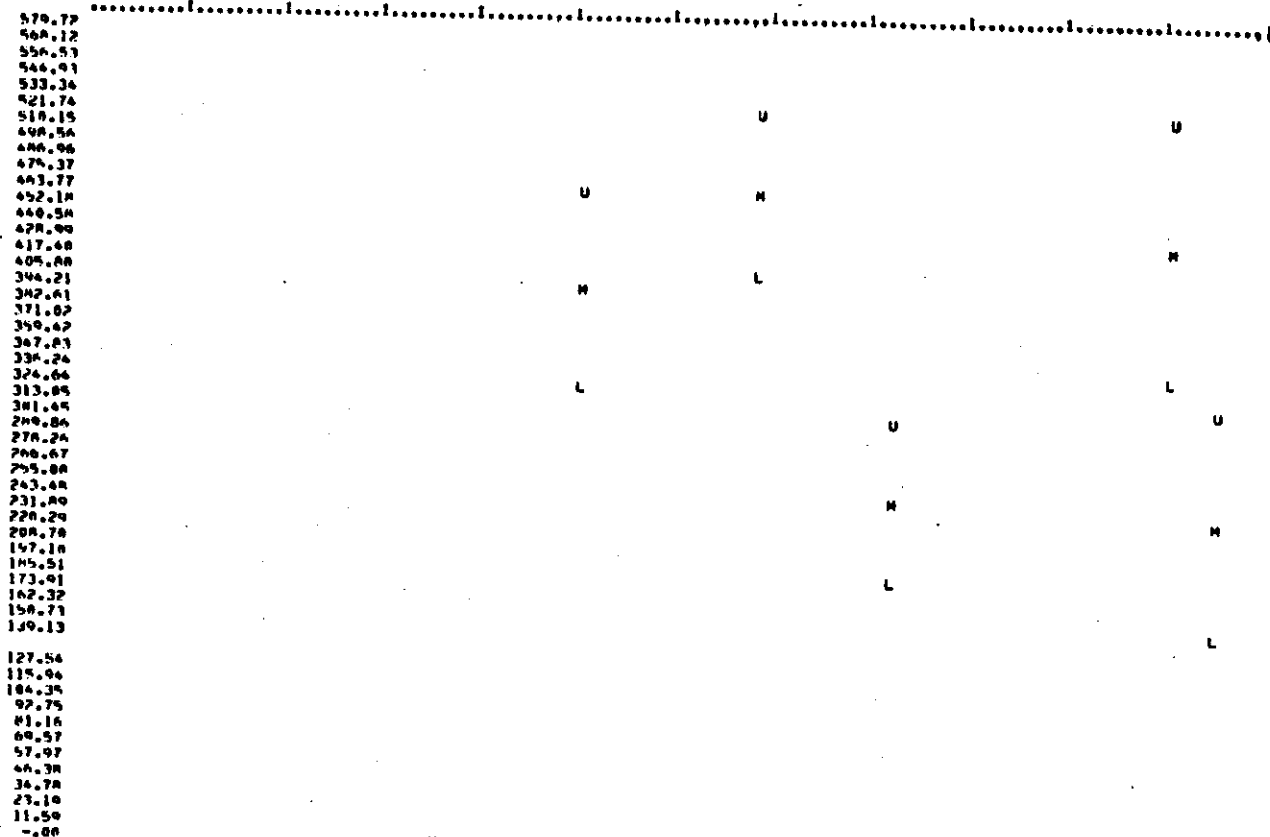


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 50- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT E FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
158*	48	51.35	0.85	1.98	35.38	67.32
253	48	61.33	0.45	1.98	42.58	80.07

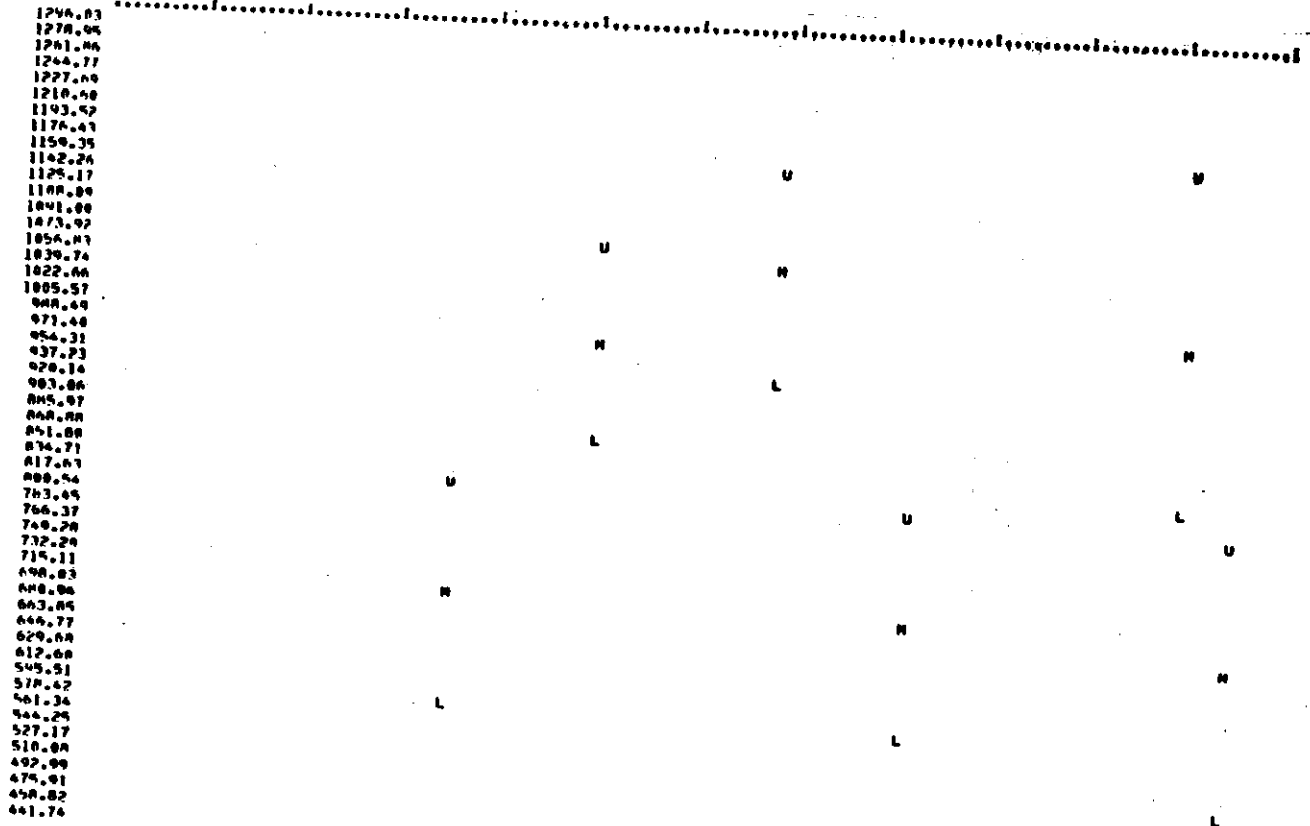
*Sequence missing 24 cm of core length.



AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIONASS (G/M SQ) FOR 0- 0 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIONASS SAMPLING ON SITE PANNEE, TRT F FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	38	0.00	0.00	2.02	0.00	0.00
154	48	398.31	34.36	1.98	339.13	466.49
207	48	468.98	29.16	1.98	411.12	526.84
251	48	244.25	27.27	1.98	190.15	298.35
333	24	429.83	47.77	2.05	331.06	527.01
348	24	229.94	40.58	2.05	146.70	313.17

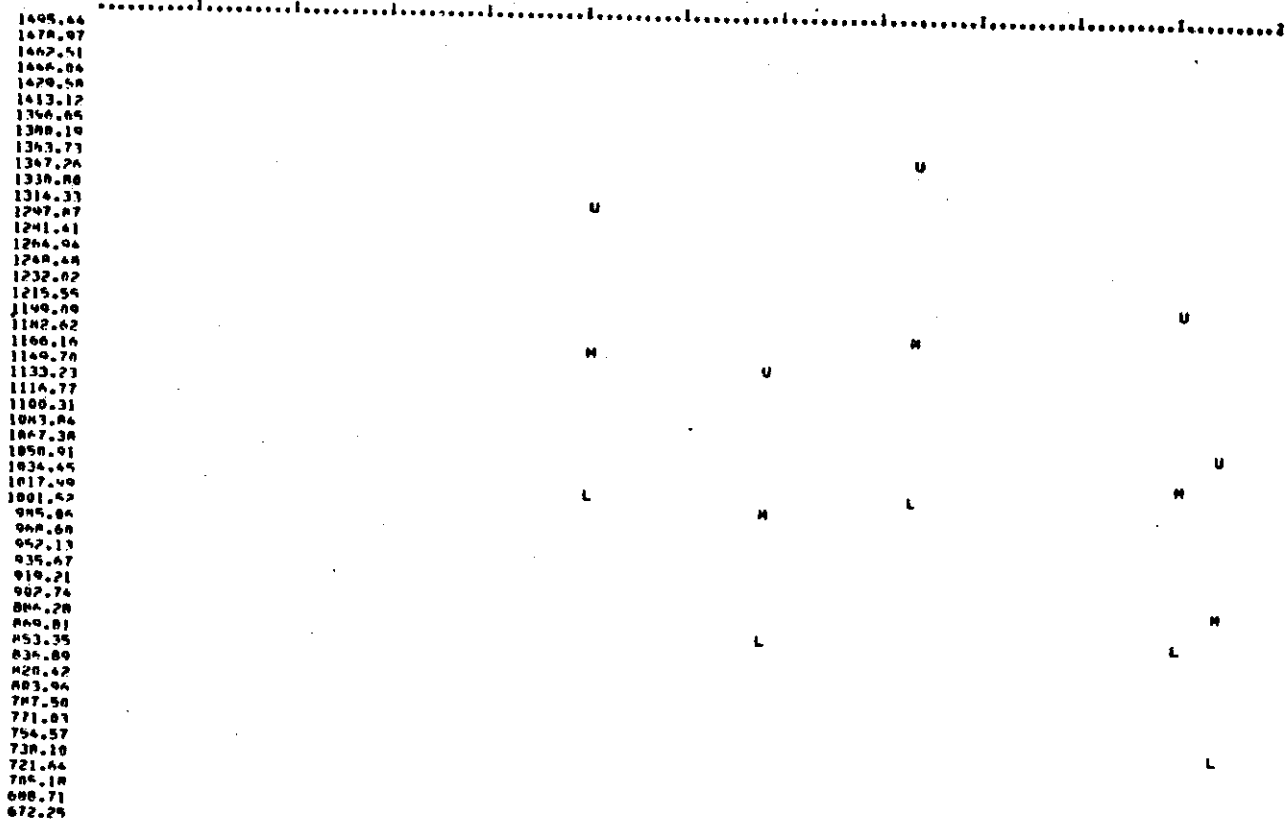


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRY F FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	30	696.38	59.44	2.82	576.14	816.62
154	48	966.58	52.58	1.98	862.17	1070.82
207	48	1058.33	52.81	1.98	945.55	1155.10
251	24	696.91	58.92	1.98	568.03	805.80
333	24	996.24	88.72	2.85	814.27	1178.21
348	24	639.45	72.87	2.85	498.82	780.88

*Sequence missing crown material.

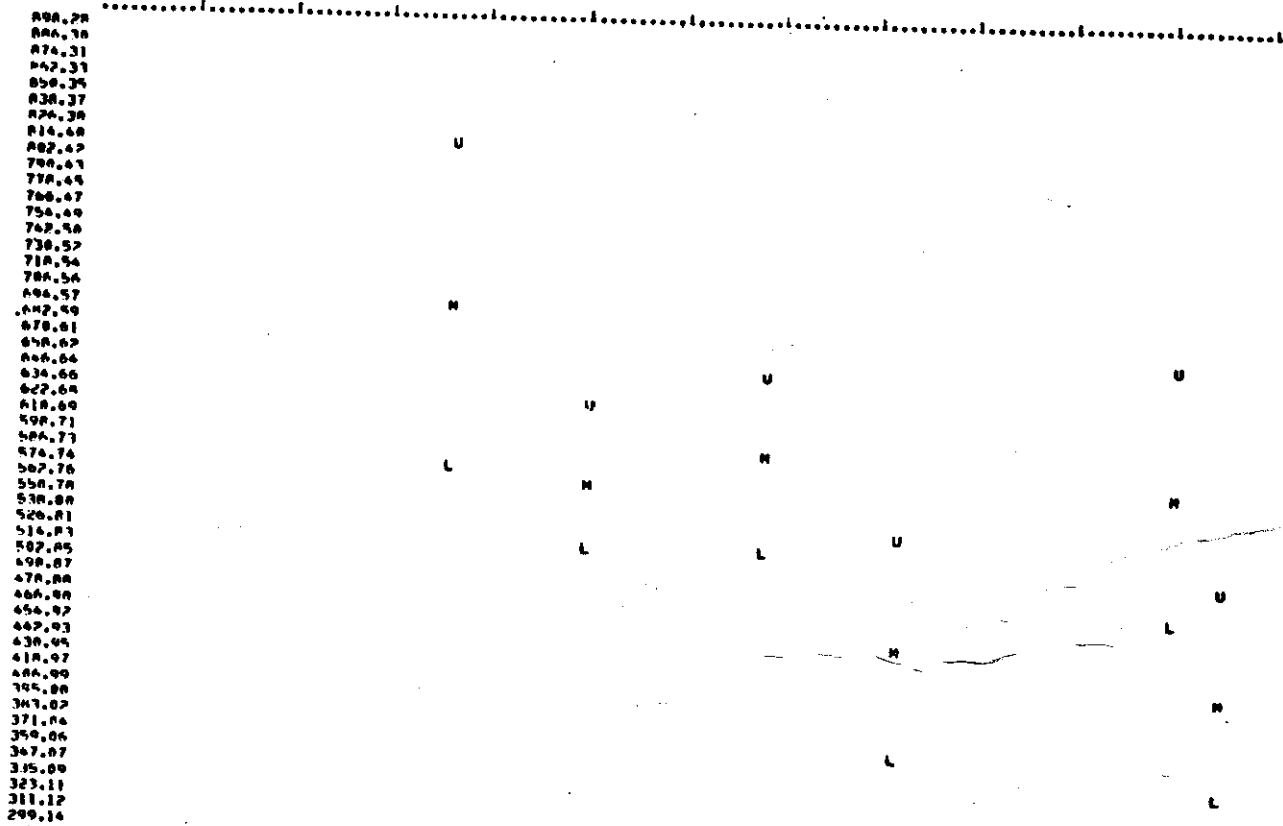


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 0-30 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT F FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113*	38	1031.49	72.85			
154	48	1250.26	56.77	2.02	884.14	1178.05
207**	48	1050.33	52.81	1.98	1143.02	1368.91
251	48	905.38	62.96	1.98	945.55	1155.10
333**	24	996.24	88.72	1.98	780.05	1030.11
344**	24	639.45	72.47	2.05	814.27	1170.21
				2.05	490.82	788.08

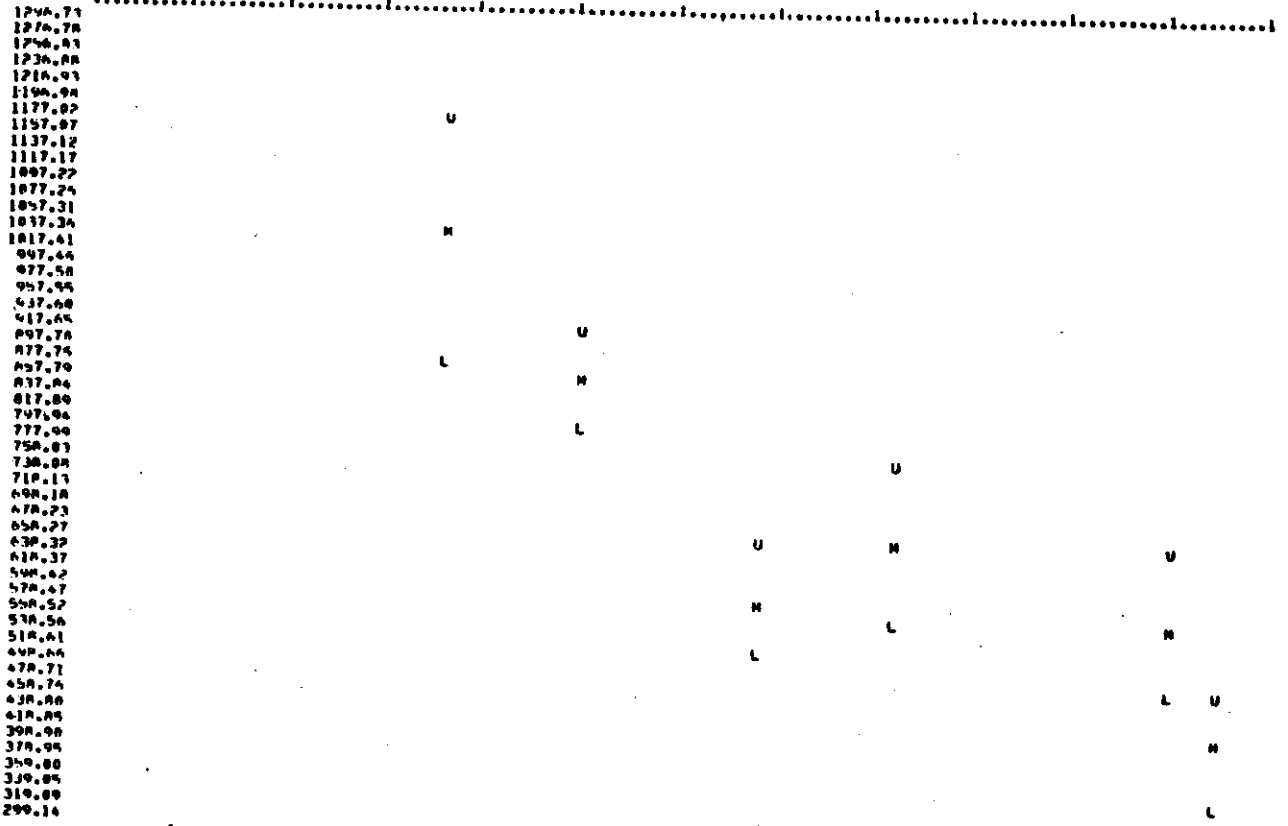
*Sequence missing crown material.
 **Sequence ends at 10 cm depth.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANMEE, TRT F FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEL VALUE	LOWER LIMIT	UPPER LIMIT
113	38	606.38	59.44			
154	48	568.18	25.19	2.82	576.14	616.42
287	48	581.35	34.44	1.98	518.28	618.17
291	48	442.66	45.07	1.98	513.82	649.68
333	24	567.21	47.88	1.98	353.24	532.89
344	24	489.51	37.61	2.85	478.68	643.73
				2.85	332.38	486.64

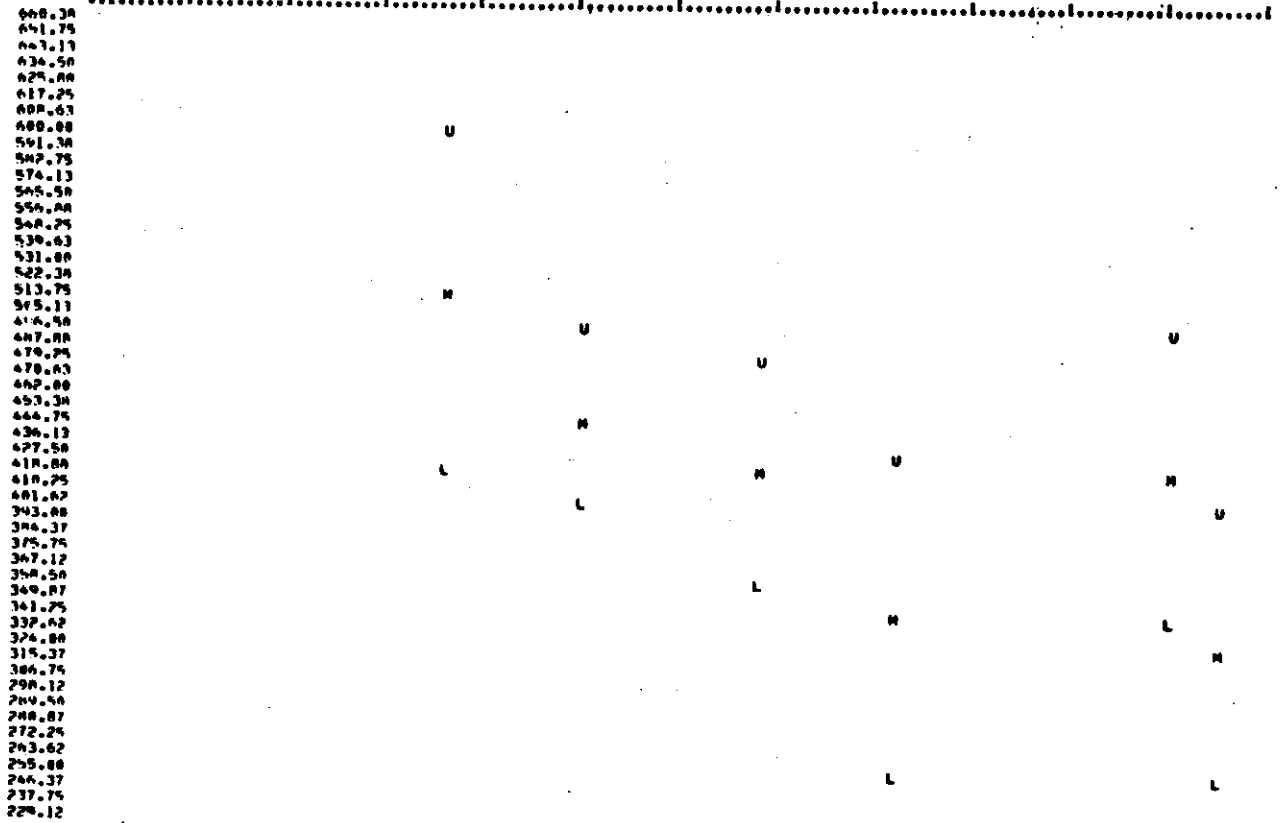


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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0-30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRY F FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	30*	1031.49	72.85			
154	48	857.95	31.87	2.92	864.14	1178.85
207*	48	581.35	34.44	1.98	796.38	919.68
251	48	661.13	48.57	1.98	513.02	649.68
333*	24	567.21	47.86	2.95	564.77	757.49
344*	24	409.51	37.61	2.95	470.68	663.73
					332.38	486.64

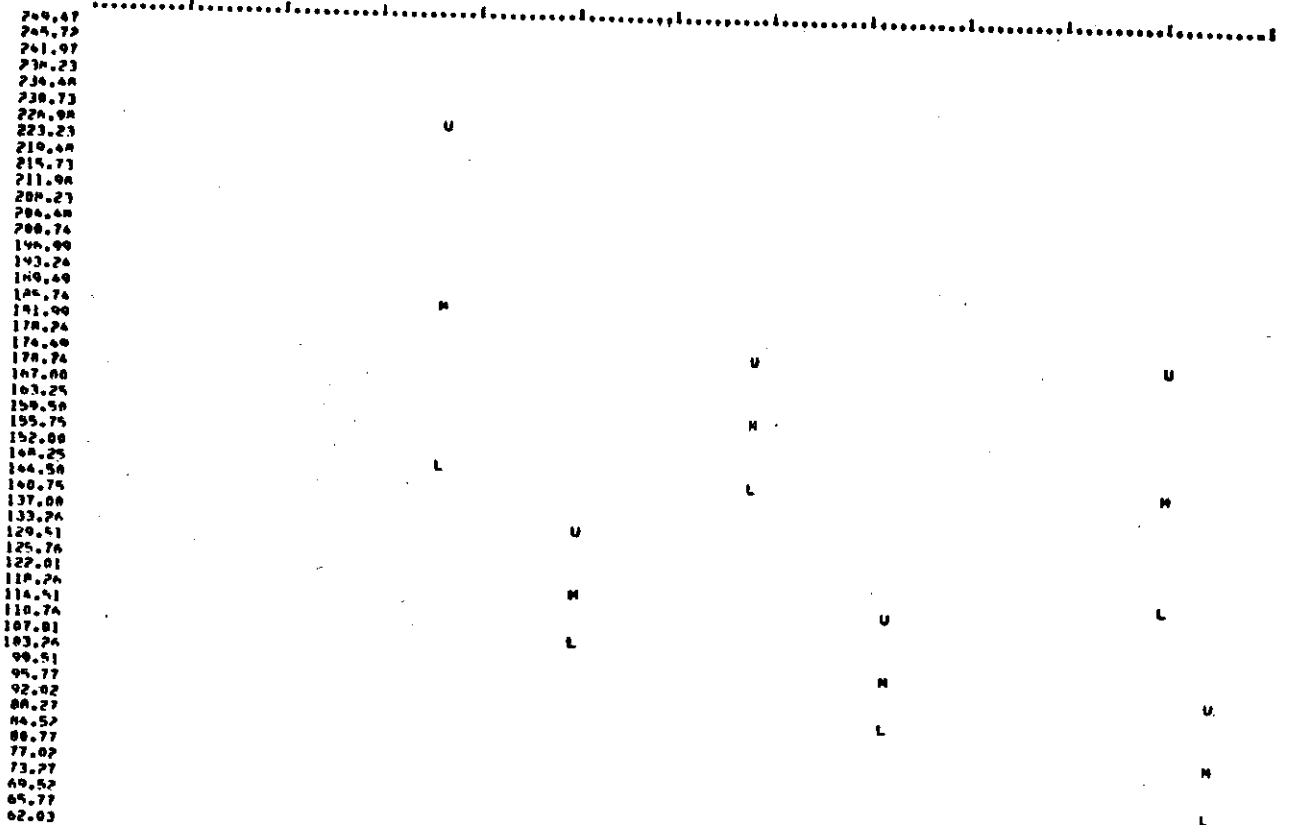
*Sequence ends at 10 cm depth.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SOI) FOR 0- 5 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT F FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

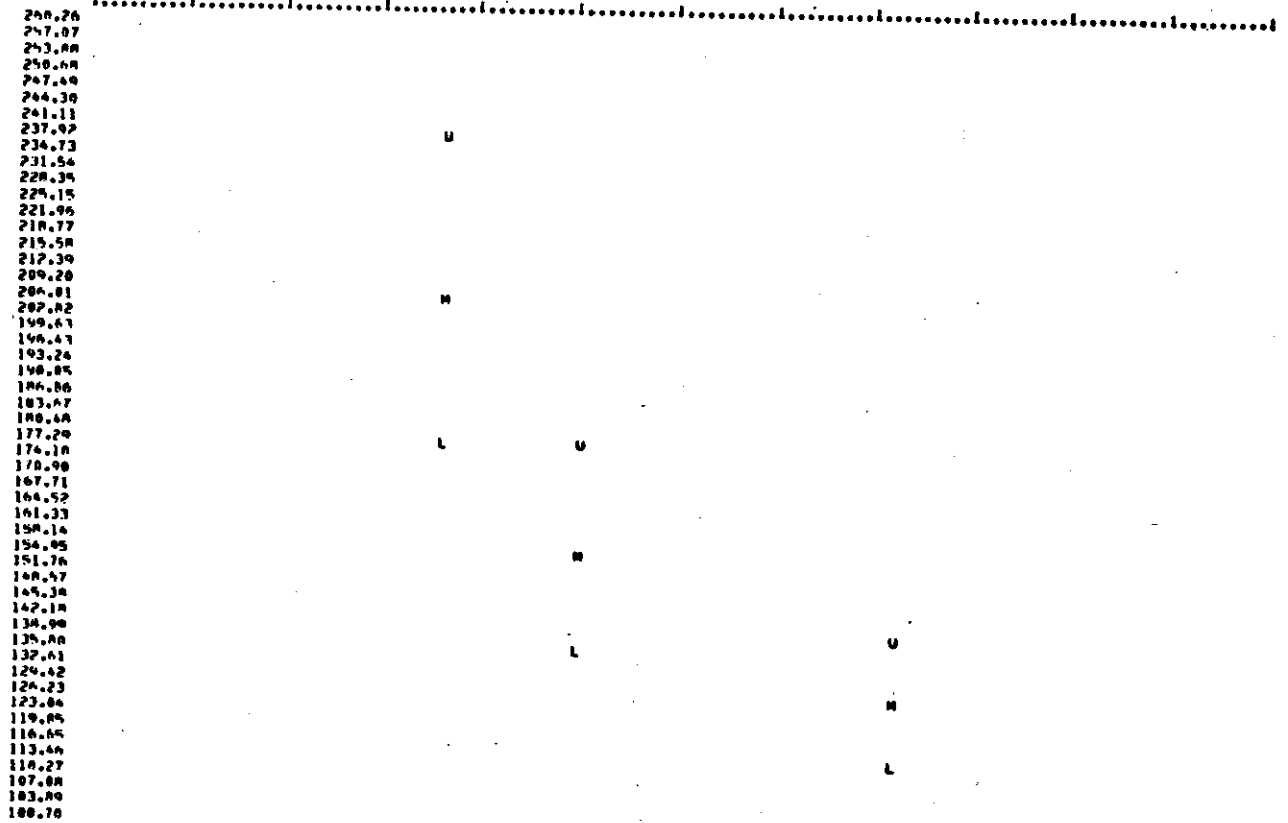
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SOI)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	30	509.47	44.93	2.02	418.59	608.34
154	48	448.87	24.31	1.98	399.84	495.31
207	48	421.29	31.40	1.96	358.95	483.55
251	48	361.97	44.85	1.98	254.58	429.36
333	24	421.21	38.11	2.85	343.83	499.38
348	24	327.18	34.24	2.85	256.95	397.48



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M² SO) FOR 5-10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRY F FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

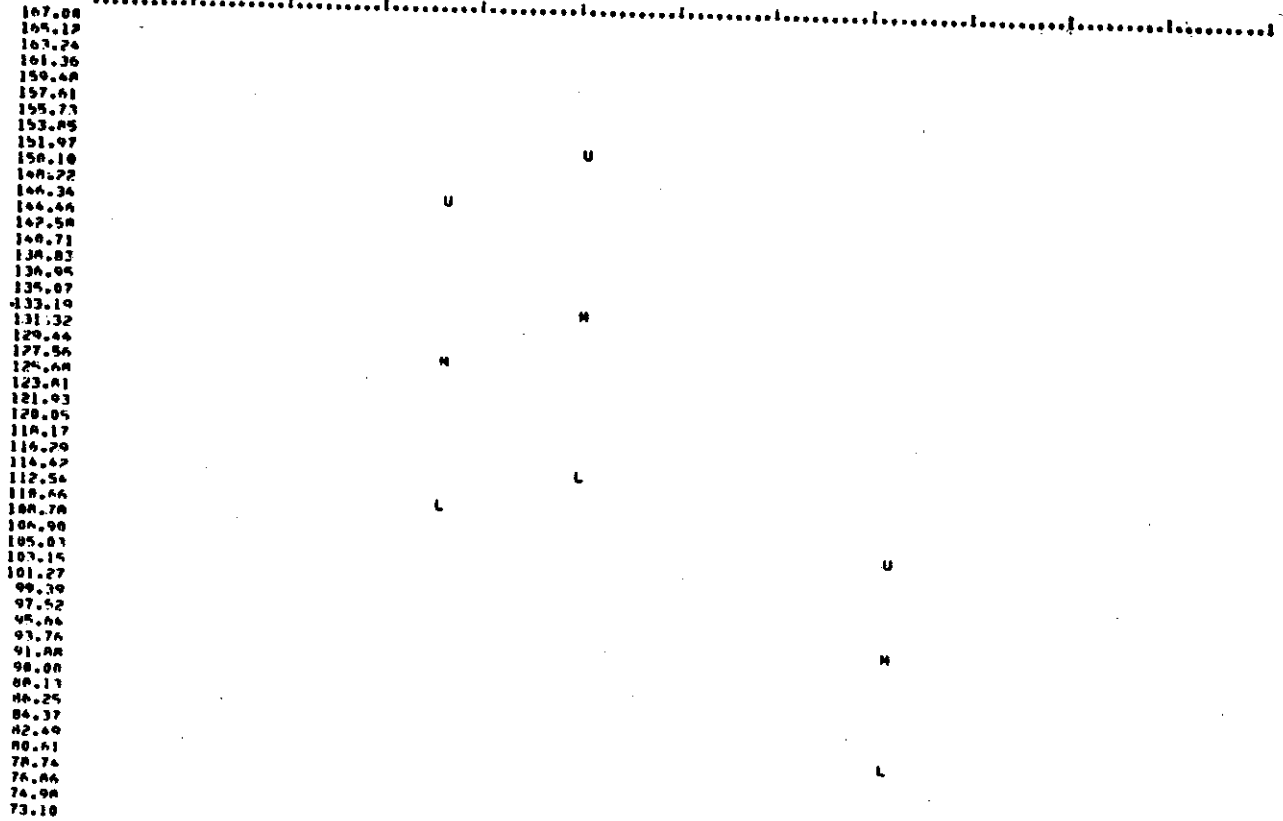
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ² SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	30	186.91	19.72			
154	48	120.11	7.01	2.82	147.03	226.79
207	48	160.10	7.11	1.98	166.20	134.81
251	48	180.69	7.15	1.98	146.00	174.20
333	24	146.00	14.03	1.98	86.51	114.88
344	24	82.34	6.54	2.05	117.23	174.76
				2.05	68.92	95.76



AXIS LABELS FOR THIS PLOT ARE =
 X=AXIS=JULIAN DATE FOR 1971
 Y=AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMMEE, TRT F FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

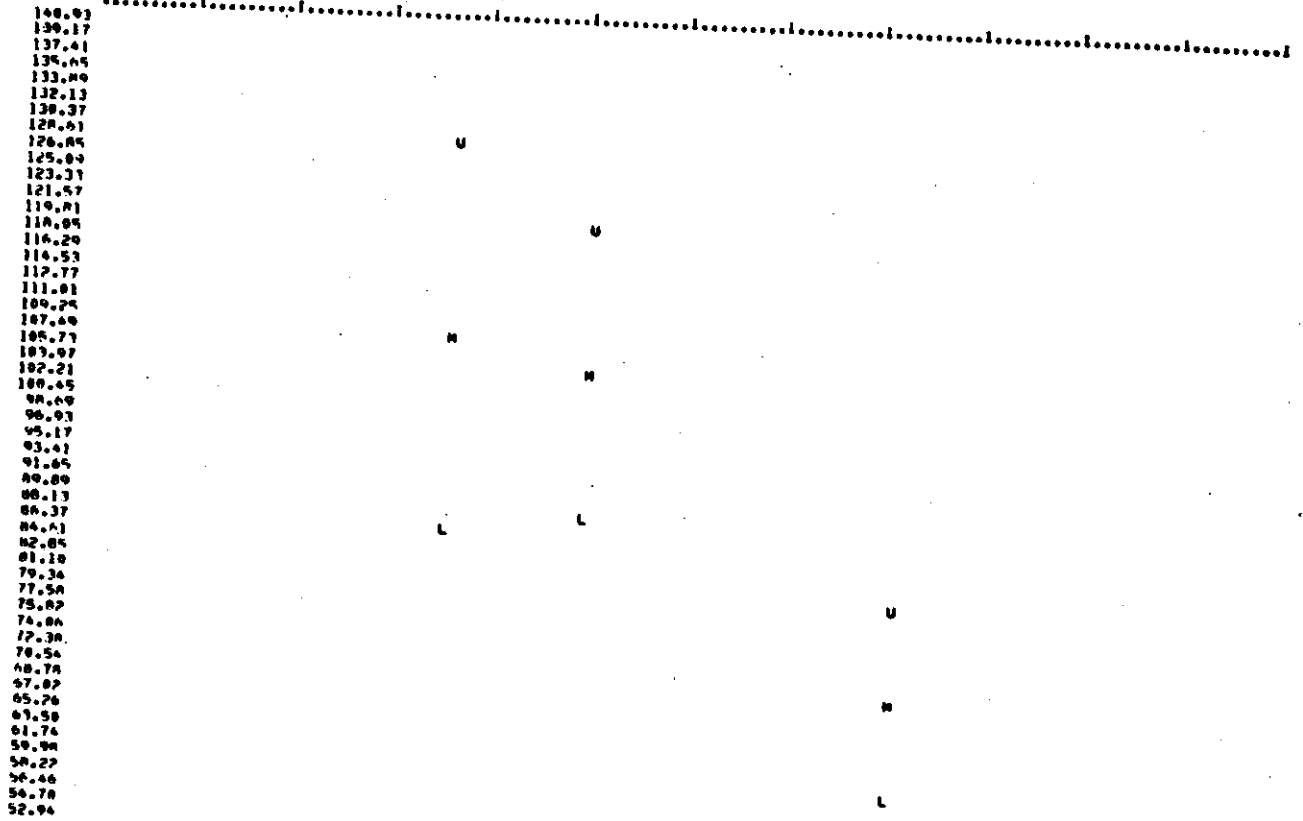
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	30	206.77	14.74	2.02	176.95	236.60
154	40	156.00	10.97	1.98	134.63	178.17
251	40	125.63	6.92	1.98	111.09	139.37



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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE *
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 20- 30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNLE, TRT F FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

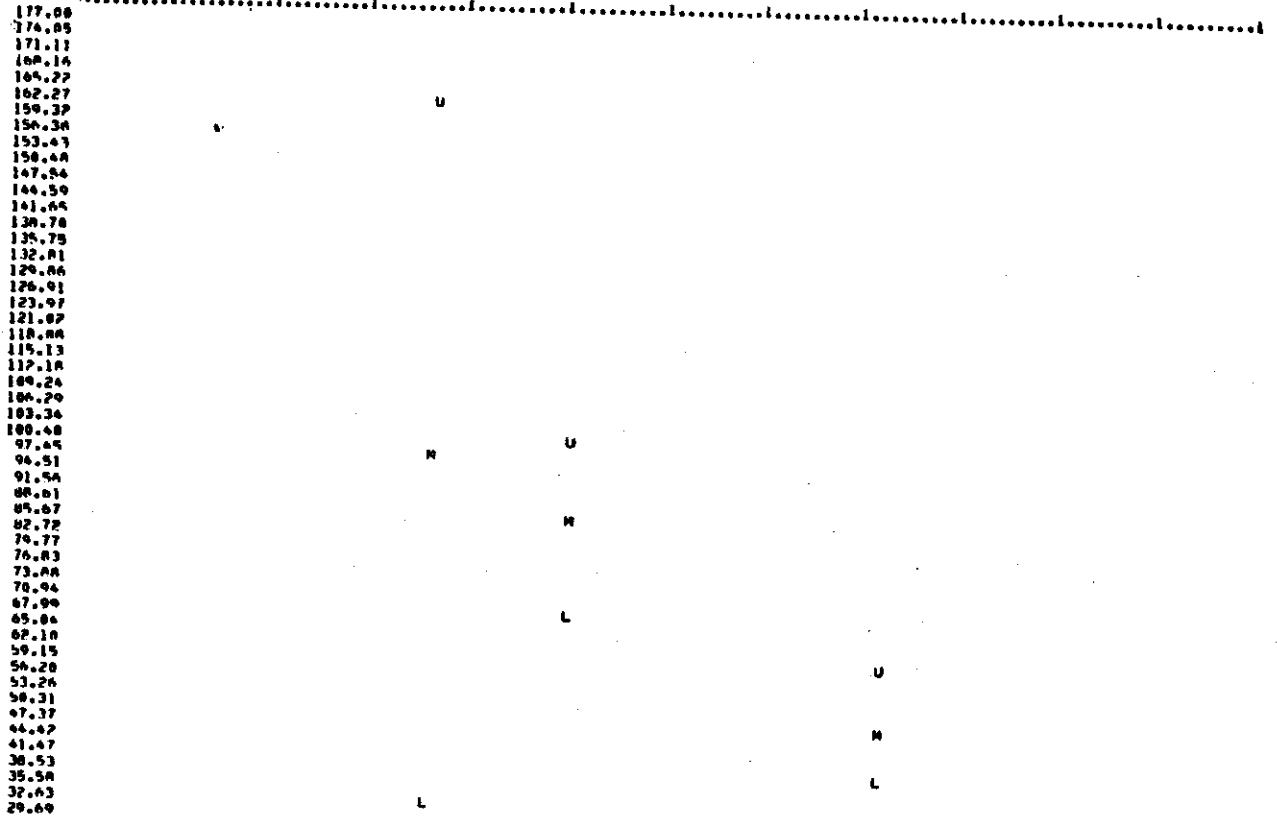
JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	30	129.34	8.91	2.02		
154	48	133.37	9.30	1.98	110.32	146.37
251	48	92.84	5.85	1.98	81.23	151.81
						104.45



AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW-GROUND BIOMASS (G/M SO) FOR 30-40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113	29	107.05	10.10	2.03	87.10	128.12
156	47	103.16	7.98	1.99	87.31	119.01
251	48	69.39	5.33	1.98	58.82	79.96

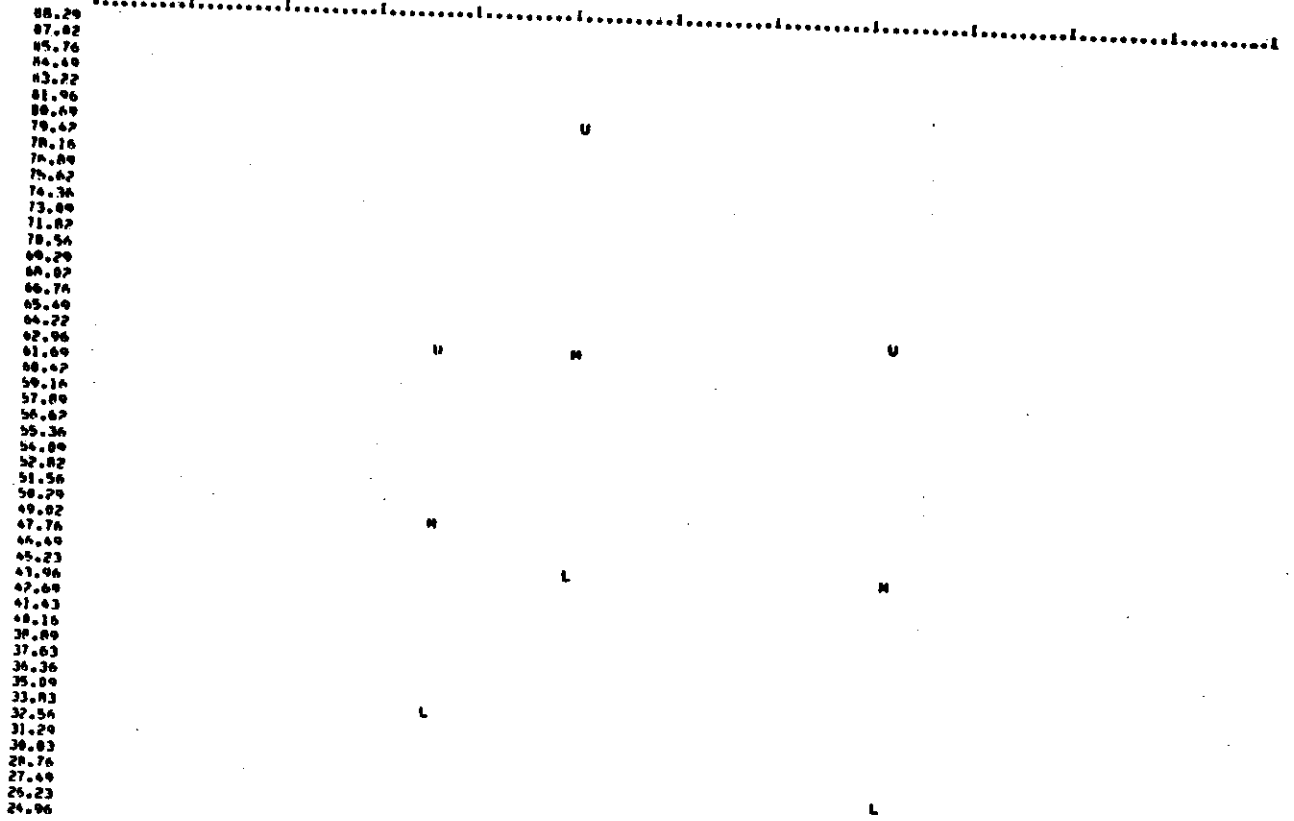


AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M 50) FOR 40- 50 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY.
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANMEE, TNT F FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M 50)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113*	20	96.95	31.50	2.03	32.99	100.91
154**	39	84.88	8.45	2.00	68.00	101.77
251***	46	48.49	5.47	1.99	37.63	59.36

*Sequence missing 26 cm of core length.
 **Sequence missing 21 cm of core length.
 ***Sequence missing 11 cm of core length.

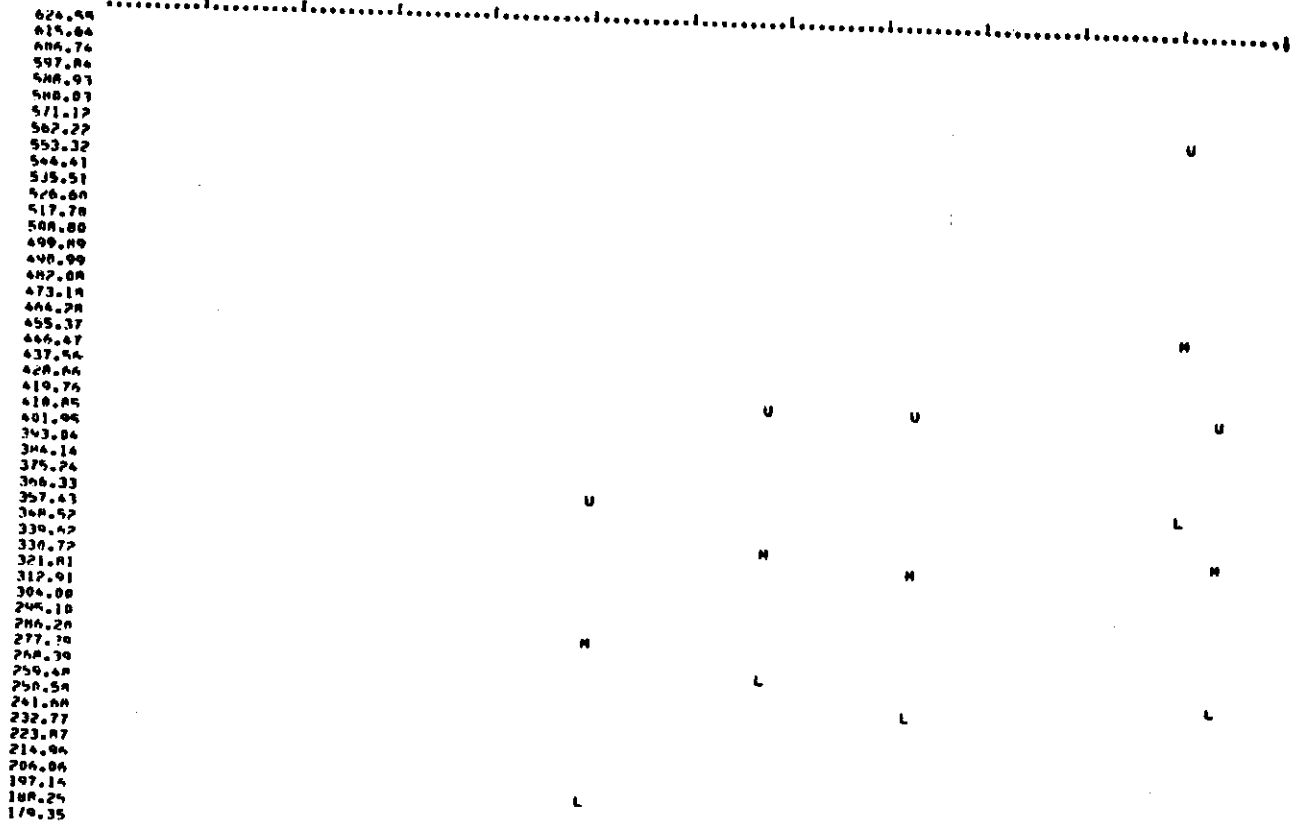


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 50- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANHANDLE, TRY F FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
113*	10	48.79	7.01	2.89		
144**	33	62.97	8.59	2.81	34.13	63.44
291***	40	45.71	9.00	2.80	27.73	63.69

*Sequence missing 34 cm of core length.
 **Sequence missing 22 cm of core length.
 ***Sequence missing 4 cm of core length.



AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 0- 0 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT 6 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ² SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
154	48	282.98	42.19			
207	48	342.22	37.47	1.98	199.27	366.68
253	48	336.33	43.31	1.98	267.07	416.57
333	24	468.98	48.60	2.05	248.41	420.26
365	24	338.21	48.48	2.05	368.39	567.77
					255.18	421.24

1330.07
 1318.88
 1303.70
 1290.52
 1277.33
 1264.15
 1250.96
 1237.78
 1224.59
 1211.41
 1198.22
 1185.04
 1171.85
 1158.67
 1145.48
 1132.30
 1119.11
 1105.93
 1092.74
 1079.56
 1066.37
 1053.19
 1040.00
 1026.82
 1013.64
 1000.45
 987.27
 974.08
 960.90
 947.71
 934.53
 921.34
 908.15
 894.97
 881.79
 868.60
 855.42
 842.23
 829.05
 815.86
 802.68
 789.49
 776.31
 763.12
 749.94
 736.76
 723.57
 710.39
 697.20
 684.02
 670.83

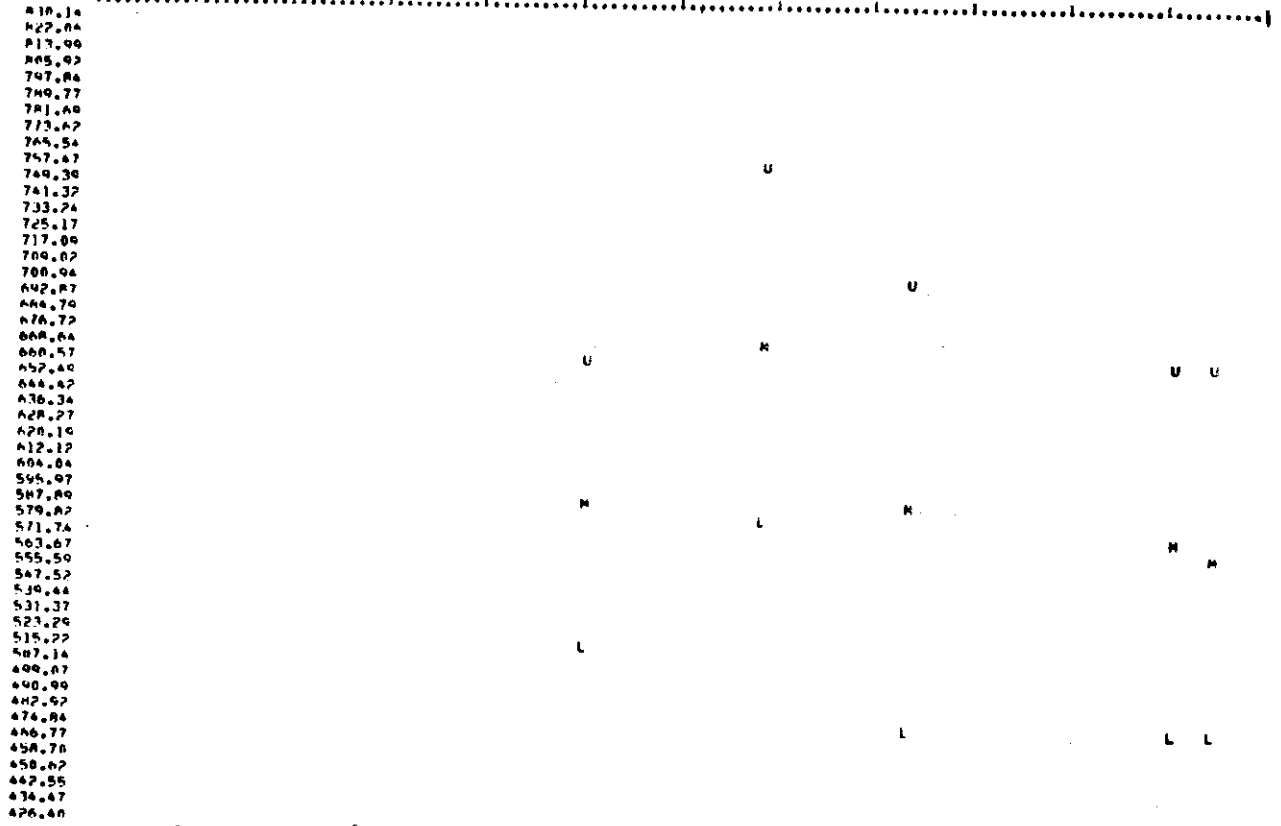
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRT G FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
154	48	871.32	63.48	1.98	745.37	997.27
207	48	1008.50	70.30	1.98	869.03	1147.97
257	48	923.21	84.67	1.98	755.22	1091.19
333	24	1038.40	83.25	2.05	867.64	1209.15
345	24	984.10	76.62	2.05	746.94	1061.25



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNLE. TRT 6 FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
154	48	588.34	36.51			
207	48	660.28	44.55	1.98	515.90	660.79
253	48	588.87	50.01	1.98	577.89	754.67
333	24	570.32	44.61	1.98	473.77	783.97
345	24	565.88	44.24	2.05	478.83	661.81
				2.05	475.04	656.73

1070.88
1057.87
1044.95
1032.09
1019.23
1006.37
993.50
980.64
967.78
954.91
942.05
929.19
916.33
903.46
890.60
877.74
864.87
852.01
839.15
826.29
813.42
800.56
787.70
774.84
761.97
749.11
736.24
723.38
710.52
697.66
684.79
671.93
659.07
646.20
633.34
620.48
607.62
594.75
581.89
569.03
556.16
543.30
530.44
517.58
504.71
491.85
478.99
466.12
453.26
440.40
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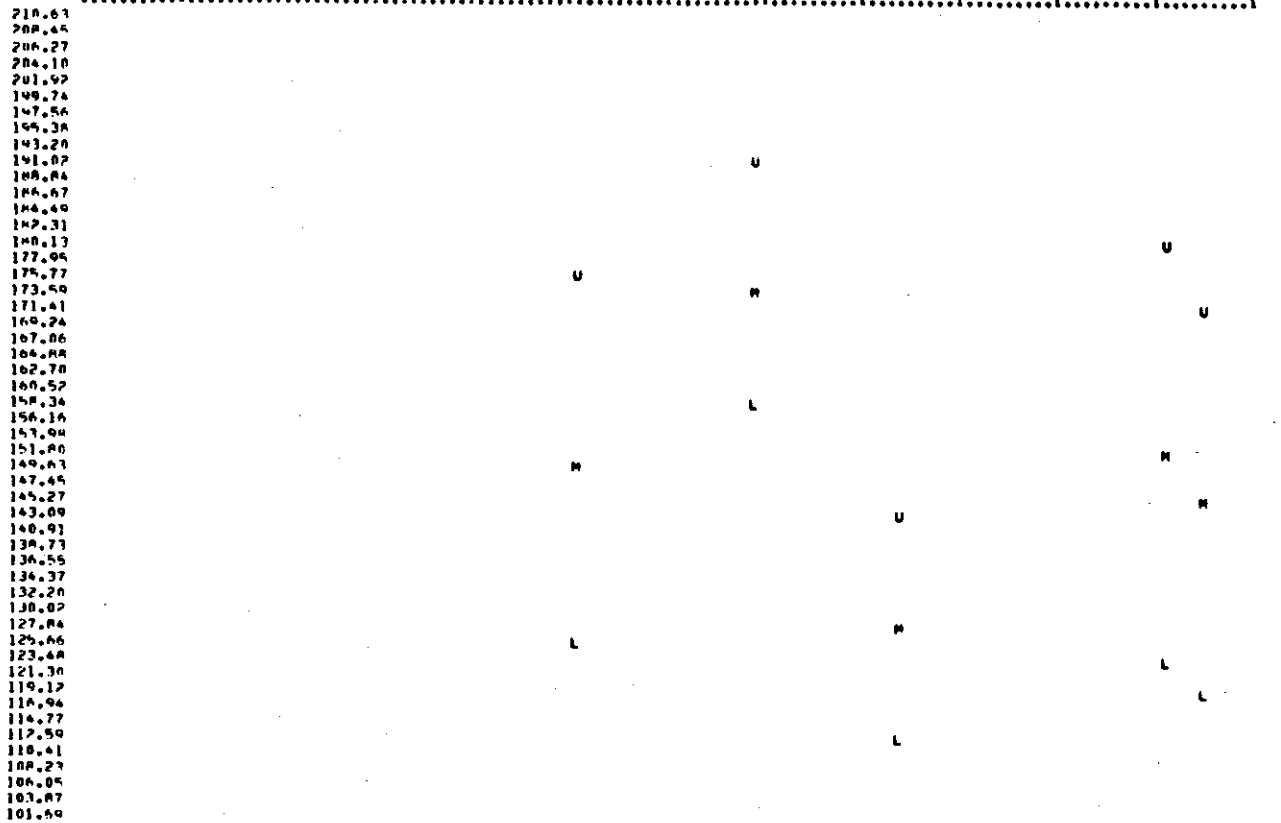
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0-30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT G FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
154	48	883.63	44.61	1.98	795.11	972.14
207*	48	866.28	44.55	1.98	577.89	754.67
253	48	852.33	60.99	1.98	731.31	973.35
333*	24	578.32	44.61	2.05	478.83	681.81
345*	24	565.88	44.29	2.05	475.04	656.73

*Sequence ends at 10 cm depth.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE X
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 5- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, THT G FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
154	48	149.92	12.74	1.98	124.65	175.19
207	48	174.58	8.52	1.98	157.67	191.48
253	48	128.28	7.70	1.98	112.99	143.57
333	24	151.37	13.89	2.05	122.87	179.87
345	24	145.72	12.72	2.05	119.63	171.80

147.47
 146.17
 144.87
 143.58
 142.28
 140.99
 139.69
 138.40
 137.10
 135.80
 134.51
 133.21
 131.92
 130.62
 129.33
 128.03
 126.74
 125.44
 124.14
 122.85
 121.55
 120.26
 118.96
 117.67
 116.37
 115.07
 113.78
 112.48
 111.19
 109.89
 108.60
 107.30
 106.01
 104.71
 103.41
 102.12
 100.82
 99.53
 98.23
 96.94
 95.64
 94.35
 93.05
 91.75
 90.46
 89.16
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 83.98
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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 20- 30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNLE, TRT G FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEL VALUE	LOWER LIMIT	UPPER LIMIT
154	48	116.50	8.85	1.98	98.94	134.86
253	48	106.21	7.23	1.98	91.87	120.55

136.47
 132.97
 131.48
 129.90
 128.50
 127.01
 125.51
 124.02
 122.51
 121.04
 119.55
 118.05
 116.56
 115.07
 113.58
 112.09
 110.59
 109.10
 107.61
 106.12
 104.63
 103.14
 101.64
 100.15
 98.66
 97.17
 95.68
 94.18
 92.69
 91.20
 89.71
 88.22
 86.72
 85.23
 83.74
 82.25
 80.76
 79.26
 77.77
 76.28
 74.79
 73.30
 71.80
 70.31
 68.82
 67.33
 65.84
 64.35
 62.85
 61.36
 59.87

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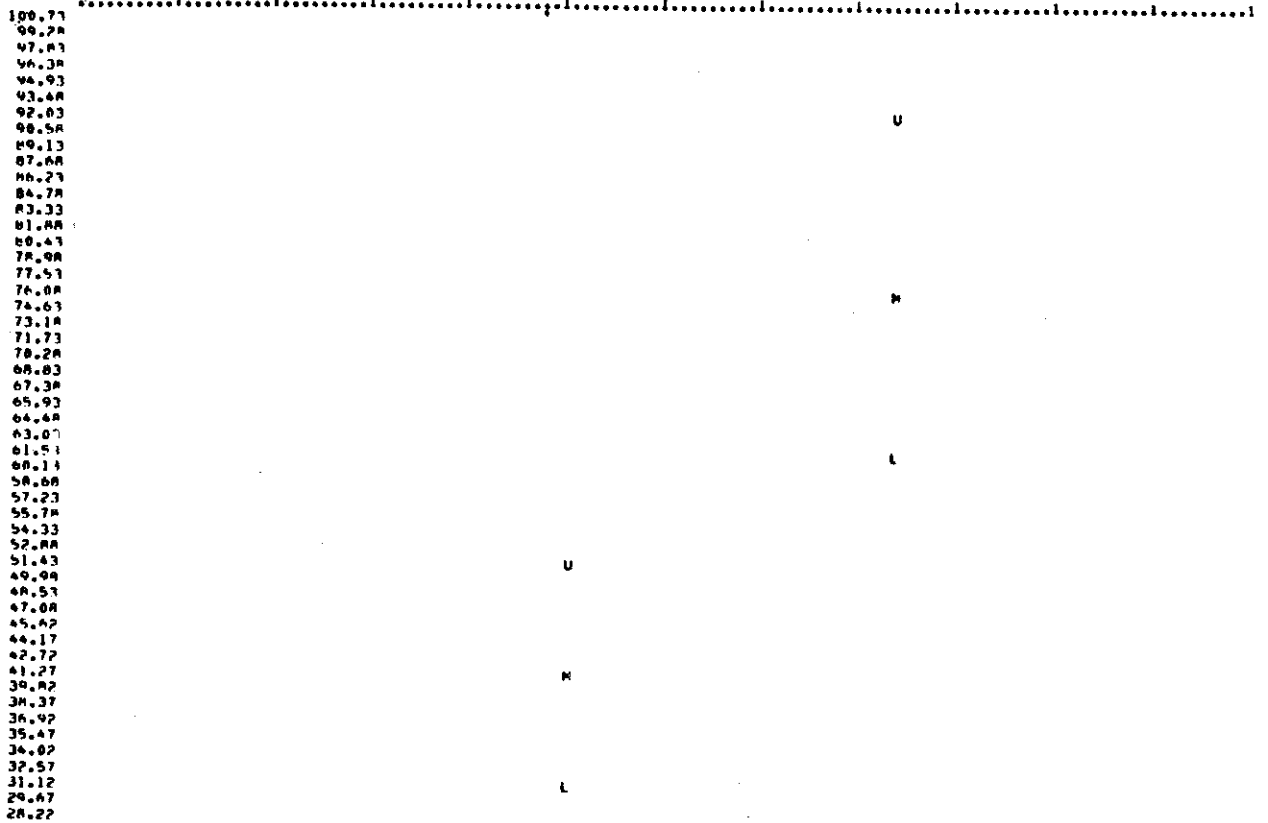
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 30- 40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANMEE, TRT 6 FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
154	48	104.09	9.15	1.98	85.93	122.24
253	48	80.53	7.00	1.98	66.52	96.54



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 50- 60 CM DEPTH

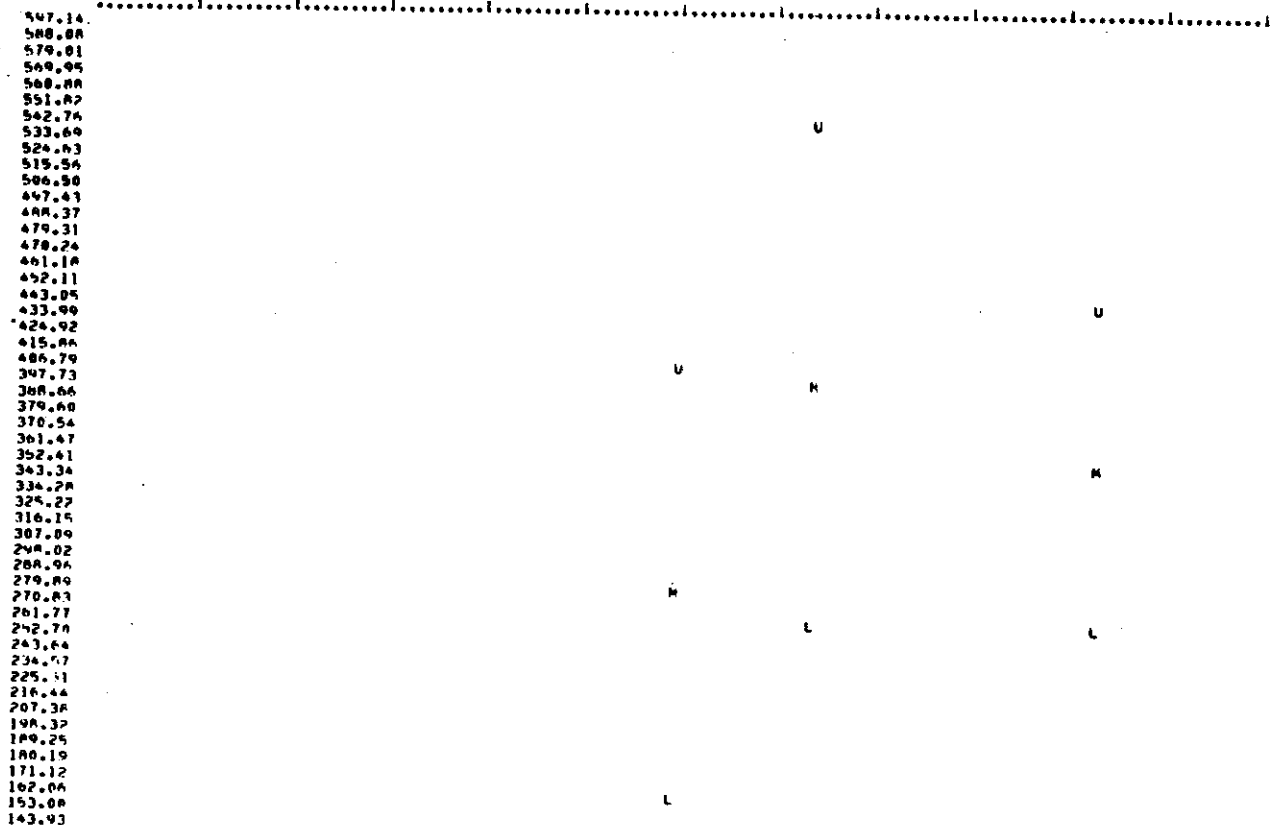
THESE DATA INCLUDE ROOT MATERIAL ONLY
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT G FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
154 *	48	61.49	5.10	1.98	31.36	51.61
253 **	48	76.71	7.49	1.98	61.85	91.57

*Sequence missing 10 cm of core length.
 **Sequence missing 13 cm of core length.

7.2.4 Herbicide treatment

The herbicide treatment areas were sampled on each of three replicates for treatments K, L, M, and N during the 1971 season. Treatments K, L, and M were sampled three times while treatment N was only sampled twice. These treatments were sampled at the 0 to 5, 5 to 10 cm levels, and for every 10 cm increment thereafter down to 80 cm with the data being somewhat sparse at the deeper depths. The crown material for this set of treatments is included in the file at the 0 to 0 cm level. All data were reported on an ash-free weight basis.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 0 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANOLE, TRT K FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
182	15	283.88	57.87	2.14		
222	15	400.81	66.32	2.14	159.92	407.84
310	15	353.00	41.97	2.14	263.89	542.85

1458.73
 1444.88
 1438.03
 1415.10
 1400.34
 1385.49
 1370.64
 1355.80
 1340.95
 1326.10
 1311.25
 1296.41
 1281.56
 1266.71
 1251.86
 1237.02
 1222.17
 1207.32
 1192.47
 1177.62
 1162.77
 1147.92
 1133.07
 1118.23
 1103.38
 1088.54
 1073.69
 1058.84
 1044.00
 1029.15
 1014.30
 999.45
 984.61
 969.76
 954.91
 940.06
 925.22
 910.37
 895.52
 880.67
 865.81
 850.98
 836.13
 821.28
 806.43
 791.59
 776.74
 761.89
 747.04
 732.20
 717.35

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEL TRT K FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
182	15	1001.11	95.27	2.14	797.05	1205.17
222	15	1078.86	115.86	2.14	830.70	1327.03
310	15	1036.87	66.36	2.14	896.73	1179.02

1779.41
 1757.68
 1741.94
 1728.24
 1718.52
 1694.88
 1679.88
 1663.36
 1647.64
 1631.92
 1618.20
 1608.48
 1584.74
 1569.64
 1553.32
 1537.60
 1521.88
 1508.16

1498.43
 1474.71
 1458.99
 1443.27
 1427.55
 1411.83
 1396.11
 1380.39
 1364.67
 1348.95
 1333.23
 1317.51
 1301.79
 1286.07
 1270.35
 1254.63
 1238.91
 1223.19
 1207.47
 1191.75
 1176.03
 1160.31
 1144.59
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 1097.43
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 1034.55

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW-GROUND BIOMASS (G/M SQ) FOR 0-30 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRT K FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
142	15	1246.00	88.20	2.14	1097.08	1474.91
222*	15	1357.32	118.99	2.14	1102.45	1612.19
310	15	1257.47	74.32	2.14	1098.28	1416.66

*Sequence missing 4 cm of core length.

821.42
 812.83
 804.24
 805.65
 807.06
 808.46
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 814.10
 815.51
 816.92
 818.33
 819.74
 821.15
 822.56
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 825.37
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 829.60
 831.01
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 833.83
 835.24
 836.65
 838.06
 839.46
 840.87
 842.28
 843.69
 845.10
 846.51
 847.92
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 850.74
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 853.56
 854.96
 856.37
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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT K FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
182	15	717.23	56.22	2.14	596.81	837.65
222	15	678.06	61.41	2.14	546.52	809.59
310	15	683.06	65.30	2.14	566.85	780.11

796.70
 749.84
 741.30
 733.73
 726.88
 718.47
 710.77
 703.11
 695.46
 687.80
 680.15
 672.49
 664.84
 657.18
 649.53
 641.87
 634.22
 626.56
 618.91
 611.26
 603.60
 595.95
 588.29
 580.64
 572.98
 565.33
 557.67
 550.02
 542.36
 534.71
 527.05
 519.40
 511.74
 504.09
 496.43
 488.78
 481.12
 473.47
 465.81
 458.16
 450.50
 442.85
 435.19
 427.54
 419.88
 412.23
 404.57
 396.92
 389.26
 381.61
 373.95

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 5 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT K FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
182	15	564.14	57.78	2.14	440.38	687.91
222	15	537.62	57.01	2.14	415.50	659.75
318	15	538.23	46.85	2.14	439.58	636.88

303.84
 288.94
 268.82
 246.69
 224.57
 202.45
 180.32
 158.20
 136.08
 113.96
 91.83
 69.71
 47.59
 25.47
 3.34
 11.22
 10.10
 10.07
 10.05
 10.73
 10.61
 10.49
 10.36
 10.24
 10.11
 10.00
 10.07
 10.75
 10.62
 10.50
 10.38
 10.25
 10.13
 10.01
 10.00
 10.00
 10.76
 10.64
 10.52
 10.39
 10.27
 10.15
 10.03
 10.00
 10.78
 10.66
 10.53
 10.41
 10.29
 10.17
 10.04
 10.92

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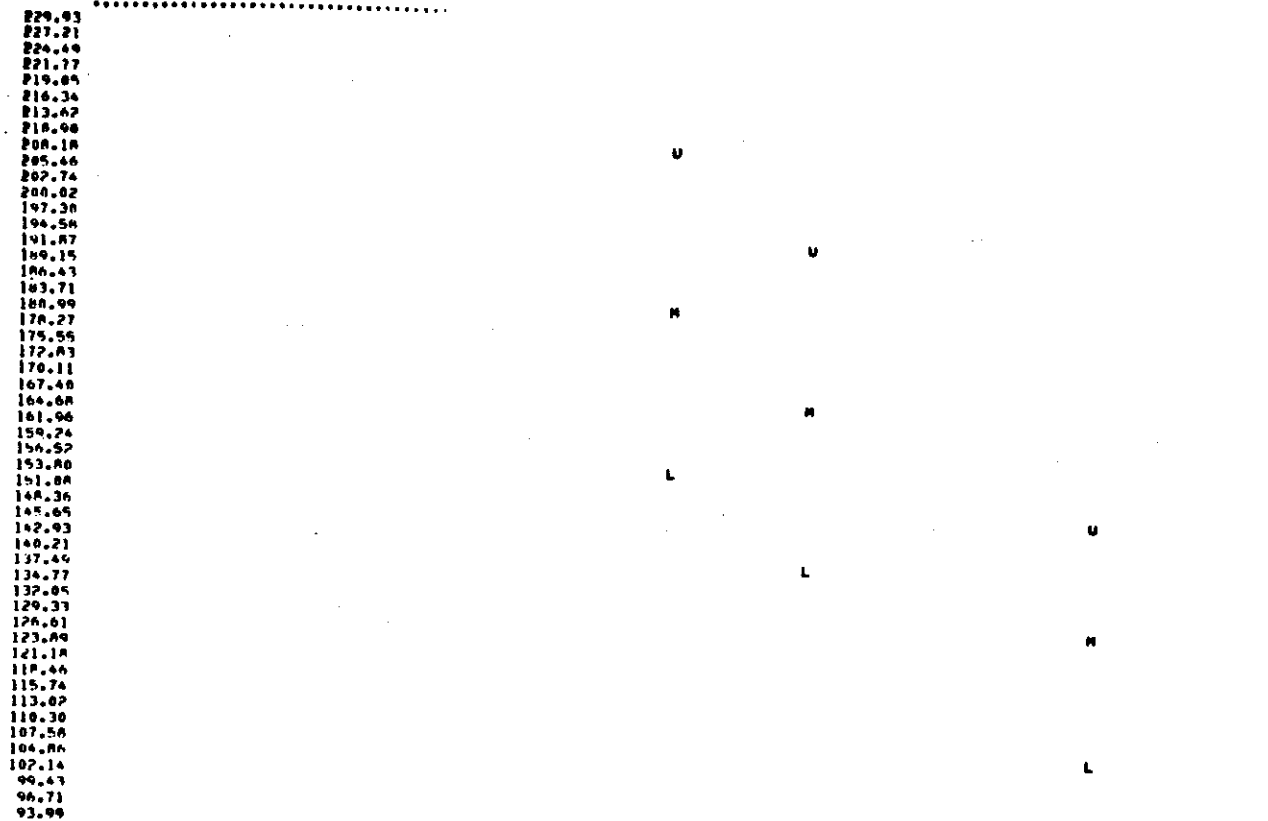
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 5-10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMNEE, THT K FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
102	15	153.09	14.71	2.14	121.58	184.60
222	15	140.43	15.29	2.14	107.69	173.18
310	15	144.85	15.89	2.14	112.54	177.17



AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 10- 20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE. SAMPLES TRT K FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
182	15	187.92	12.61	2.14		
222	15	165.35	12.87	2.14	155.01	209.83
310	15	125.57	9.87	2.14	104.43	146.70

150.64
 148.96
 147.28
 145.50
 143.91
 142.23
 140.54
 138.86
 137.18
 135.50
 133.81
 132.13
 130.45
 128.76
 127.08
 125.40
 123.71
 122.03
 120.35
 118.67
 116.98
 115.30
 113.62
 111.93
 110.25
 108.57
 106.88
 105.20
 103.52
 101.84
 100.15
 98.47
 96.79
 95.10
 93.42
 91.74
 90.06
 88.37
 86.69
 85.01
 83.32
 81.64
 79.96
 78.27
 76.59
 74.91
 73.23
 71.54
 69.86
 68.18
 66.49

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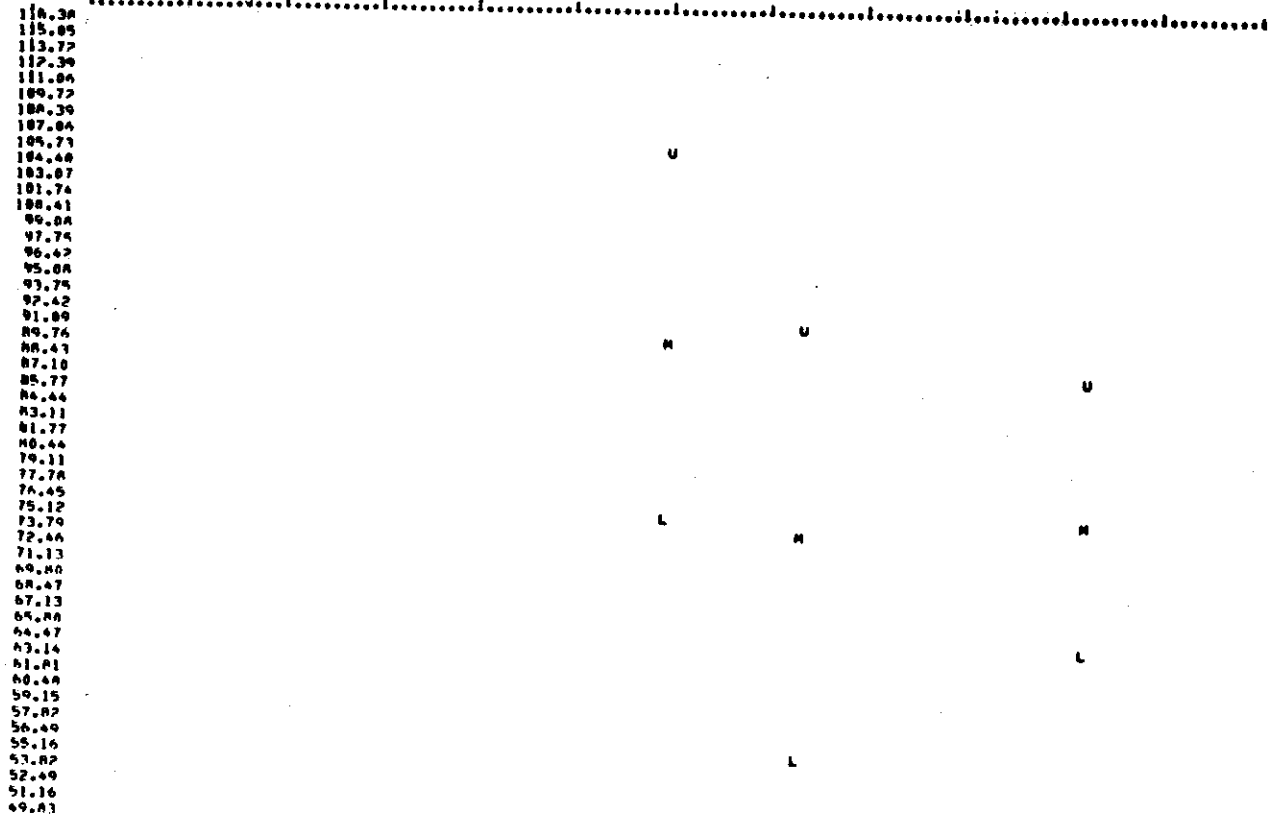
AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FROM 20-30 CM DEPTH

THESE DATA INCLUDE HOOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT K FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
182	15	102.86	10.29	2.14	80.82	124.91
222*	15	113.11	11.13	2.14	89.27	136.95
310	15	95.03	9.87	2.14	73.88	116.18

* Sequence missing 4 cm of core length.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 30-40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT K FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
182	15	90.41	7.19	2.14		
222*	13	73.25	8.20	2.18	75.02	105.00
310**	15	75.74	5.56	2.14	55.37	91.14
					63.02	87.66

*Sequence missing 7 cm of core length.

**Sequence missing 5 cm of core length.

89.37
 88.24
 87.15
 86.08
 84.94
 83.83
 82.73
 81.62
 80.51
 79.41
 78.30
 77.19
 76.09
 74.98
 73.87
 72.77
 71.66
 70.55
 69.45
 68.34
 67.23
 66.13
 65.02
 63.91
 62.81
 61.70
 60.59
 59.49
 58.38
 57.27
 56.16
 55.06
 53.95
 52.84
 51.74
 50.63
 49.52
 48.42
 47.31
 46.20
 45.10
 43.99
 42.88
 41.78
 40.67
 39.56
 38.46
 37.35
 36.24
 35.14
 34.03

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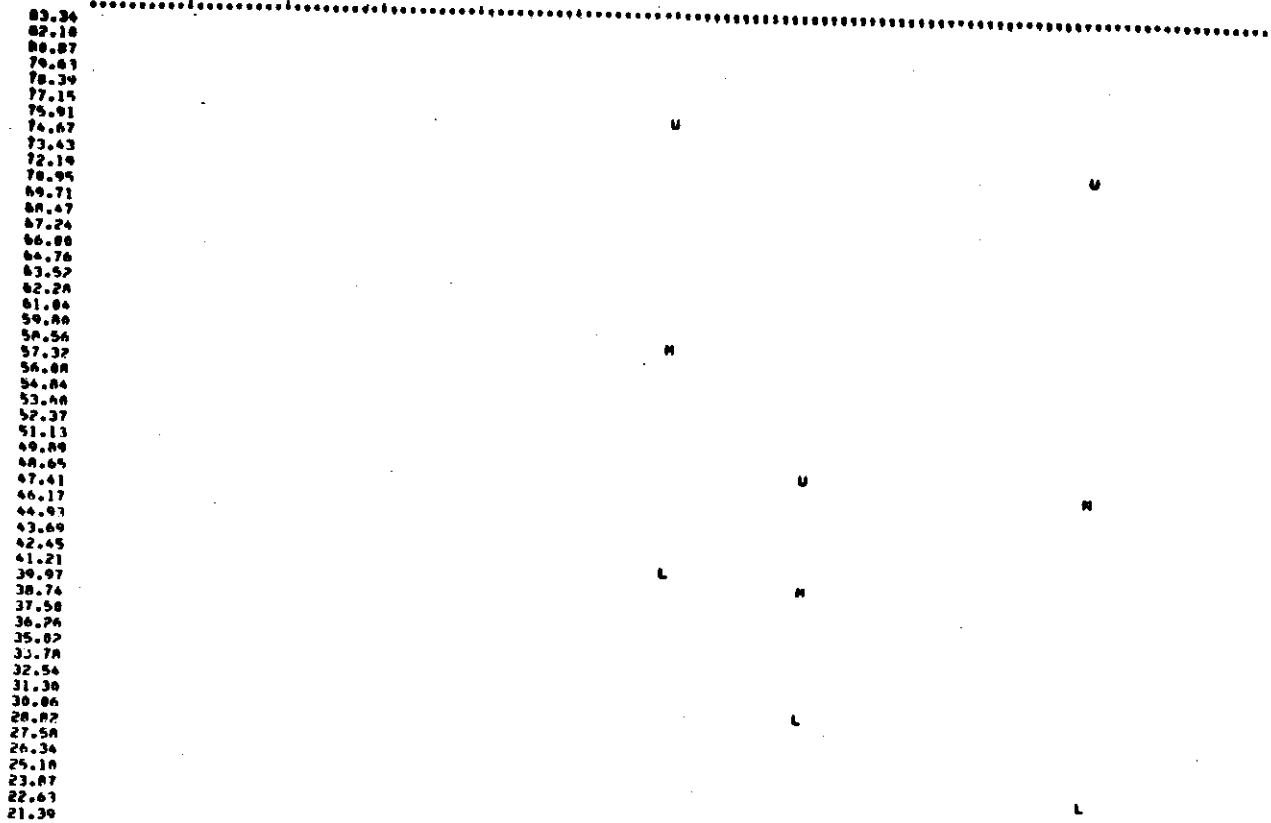
AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 40- 50 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT K FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
142*	15	68.31	0.04			
222**	12	50.23	4.84	2.14	55.37	81.24
310***	12	47.46	4.38	2.21	39.54	60.91
					37.81	57.12

*Sequence missing 4 cm of core length.
 **Sequence missing 6 cm of core length.
 ***Sequence missing 8 cm of core length.



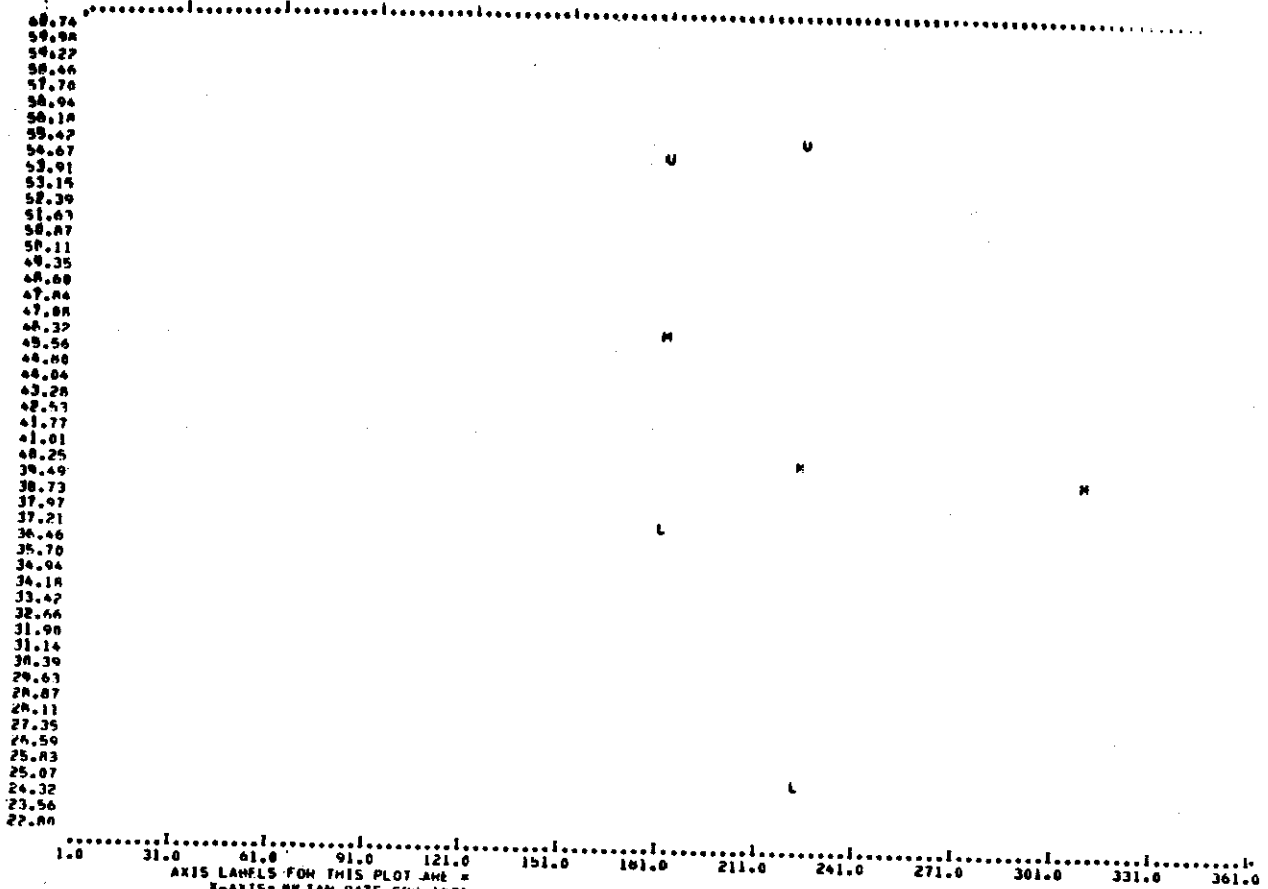
.....
 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 50- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRT K FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
102	14	58.76				
222	11	39.45	7.87	2.16	41.76	75.77
310*	6	47.72	9.32	2.24	29.94	48.96
				2.57	23.76	71.67

*Sequence missing 6 cm of core length.



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 60-70 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAVNLE TRT K FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
182	13	46.13	4.06	2.18	37.28	54.98
222*	11	48.27	6.88	2.24	25.33	55.21
310	2	39.16	30.14	0.00	39.18	39.18

*Sequence missing 10 cm of core length.

86.19
86.83
83.48
82.12
86.77
79.41
78.84
74.78
74.35
73.99
77.64
71.28
69.93
64.58
67.22
65.67
64.51
63.16
61.80
60.45
59.89
57.74
56.38
55.03
53.67
52.32
51.96
49.61
48.25
46.60
45.54
44.19
42.83
41.49
40.12
38.77
37.41
36.06
34.78
33.35
31.99
30.64
29.29
27.93
26.57
25.22
23.86
22.51
21.15
19.80
18.44

1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M² SU) FOR 70- 80 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY.

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEL, TRY K FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES, MEAN	TREATMENT MEAN (G/M ² SU)	STANDARD ERROR	T&E VALUE	LOWER LIMIT	UPPER LIMIT
182*	10	49.47	4.29	2.21	40.02	50.93
222**	10	36.76	6.88	3.36	22.57	50.95

*Sequence missing 1 cm of core length.
**Sequence missing 6 cm of core length.

369.06
 363.86
 357.77
 351.67
 345.58
 339.48
 333.38
 327.29
 321.19
 315.10
 309.00
 302.90
 296.81
 290.71
 284.62
 278.52
 272.42
 266.33
 260.23
 254.14
 248.04
 241.94
 235.85
 229.75
 223.66
 217.56
 211.46
 205.37
 199.27
 193.18
 187.08
 180.98
 174.89
 168.79
 162.69
 156.60
 150.50
 144.41
 138.31
 132.21
 126.12
 120.02
 113.93
 107.83
 101.73
 95.64
 89.54
 83.45
 77.35
 71.25
 65.16

1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 0 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT L FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	203.12	55.23	2.14	84.80	321.43
221	15	241.09	44.46	2.14	145.85	336.33
310	15	145.66	34.20	2.14	72.40	218.91

1382.5A
 1283.28
 1243.84
 1244.44
 1225.13
 1205.77
 1186.41
 1167.85
 1147.78
 1128.34
 1108.98
 1089.62
 1070.26
 1050.91
 1031.55
 1012.19
 992.83
 973.47
 954.12
 934.76
 915.40
 896.04
 876.68
 857.33
 837.97
 818.61
 799.25
 779.89
 760.54
 741.18
 721.82
 702.46
 683.10
 663.74
 644.38
 625.03
 605.67
 586.31
 566.96
 547.60
 528.24
 508.88
 489.52
 470.17
 450.81
 431.45
 412.09
 392.73
 373.38
 354.02
 334.66

1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

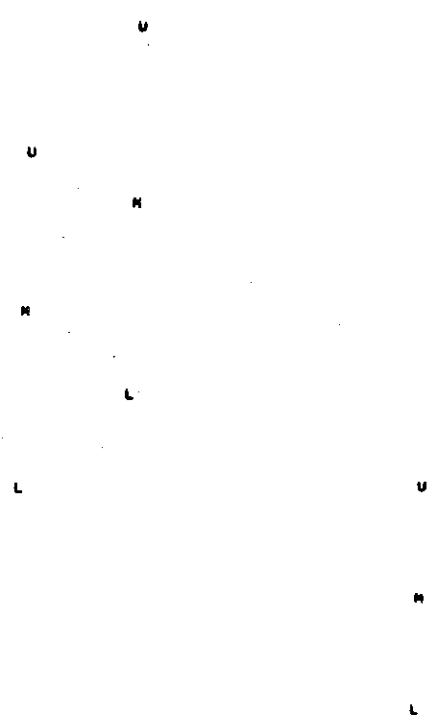
AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CHURN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNLE, TRT L FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	798.20	109.46	2.14	563.74	1032.65
221	15	953.90	107.49	2.14	723.66	1184.14
310	15	530.39	74.82	2.14	371.64	688.94

1781.44
 1526.97
 1582.27
 1479.57
 1450.86
 1434.19
 1411.66
 1388.76
 1366.66
 1343.34
 1320.64
 1297.94
 1275.25
 1252.55
 1229.85
 1207.15
 1184.45
 1161.75
 1139.05
 1116.34
 1093.64
 1070.94
 1048.24
 1025.54
 1002.84
 980.14
 957.47
 934.73
 912.03
 889.33
 866.67
 843.93
 821.23
 798.53
 775.82
 753.12
 730.42
 707.72
 685.02
 662.32
 639.62
 616.91
 594.21
 571.51
 548.81
 526.11
 503.41
 480.71
 458.01
 435.36



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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0-30 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT L FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	1020.40	112.34	2.14		
221	15	1173.49	118.64	2.14	779.77	1261.03
310	15	645.11	75.37	2.14	919.37	1427.61
					483.67	806.55

1217.69
 1208.53
 1183.37
 1166.28
 1149.84
 1131.88
 1116.71
 1097.55
 1078.39
 1053.23
 1036.06
 1028.98
 1011.74
 994.57
 977.41
 960.25
 943.09
 925.92
 908.76
 891.60
 874.43
 857.27
 840.11
 822.94
 805.78
 788.62
 771.46
 754.29
 737.13
 719.97
 702.81
 685.64
 668.48
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 616.99
 599.83
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AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOM 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SU) FOR 0- 30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, TRT L FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SU)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
198	15	817.26	66.17	2.14	675.54	959.03
271	15	932.40	81.51	2.14	757.82	1106.99
310	15	499.45	40.66	2.14	399.58	599.41

187.48
 171.85
 154.62
 147.39
 139.17
 122.94
 118.71
 498.48
 684.25
 674.82
 661.79
 449.56
 637.34
 629.11
 612.88
 608.65
 588.42
 578.19
 563.96
 551.74
 539.51
 527.28
 515.05
 502.82
 498.59
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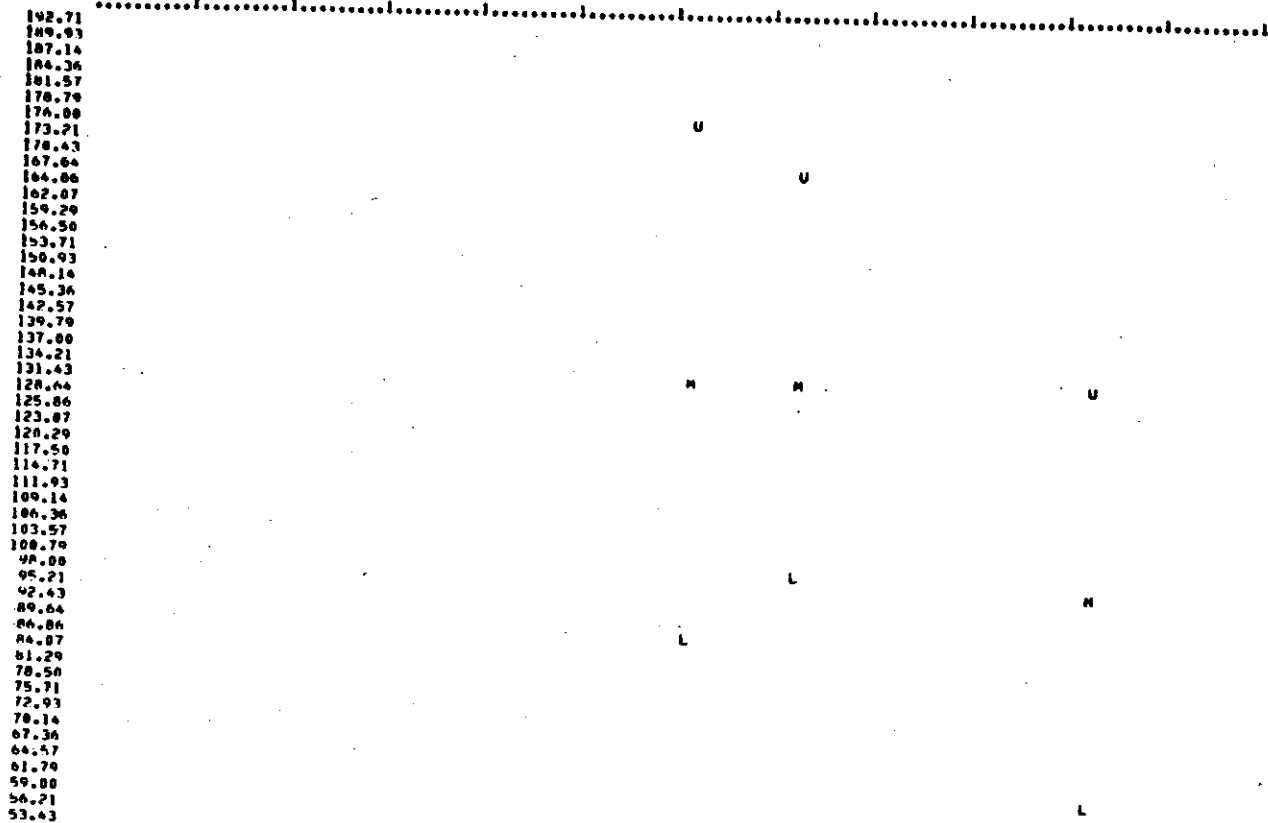
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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW-GROUND BIOMASS (G/M SQ) FOR 0- 5 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT L FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	464.89	53.65	2.14	349.16	579.62
221	15	588.42	61.80	2.14	448.03	712.80
310	15	288.90	45.32	2.14	191.63	385.97

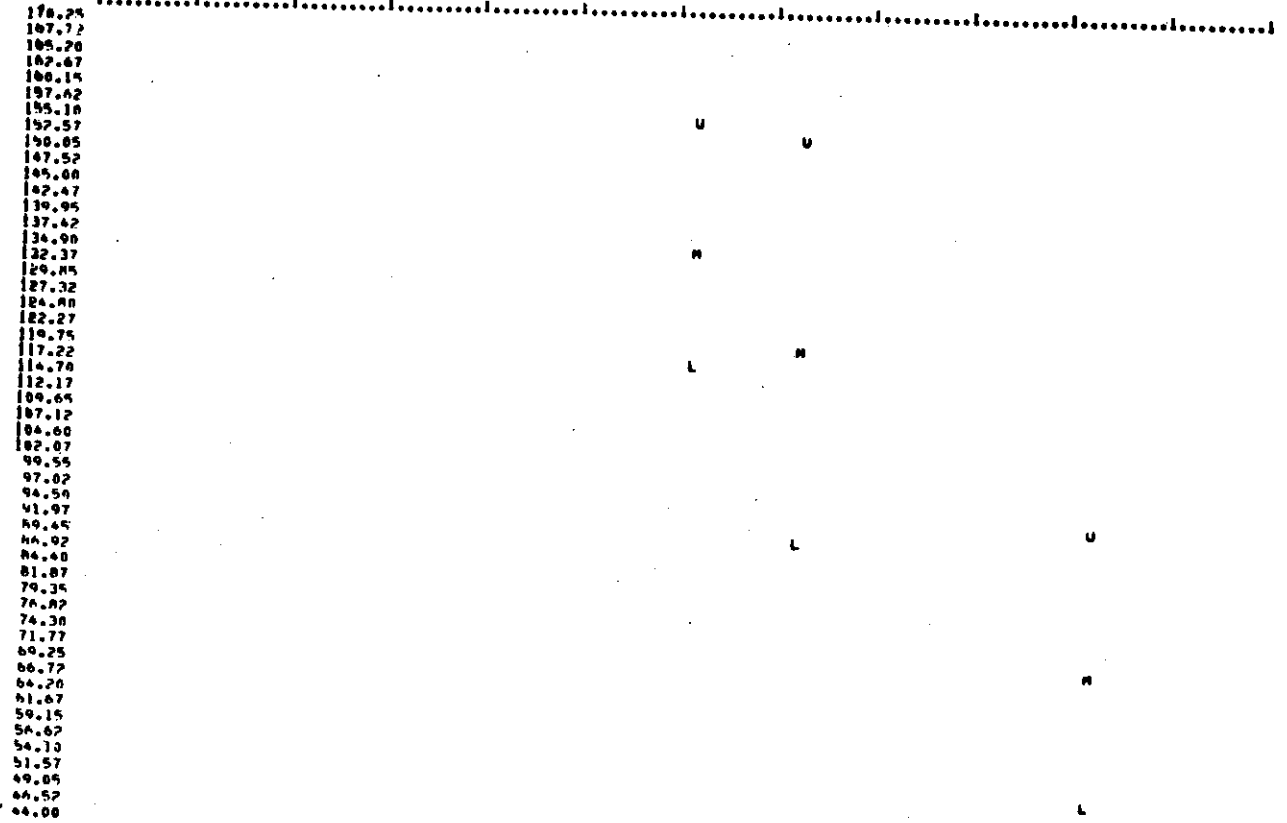


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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 5- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANMEE, TRT L FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
180	15	130.94	20.64	2.14	86.79	175.19
221	15	132.40	15.81	2.14	98.54	166.25
310	15	95.83	17.83	2.14	59.36	132.30

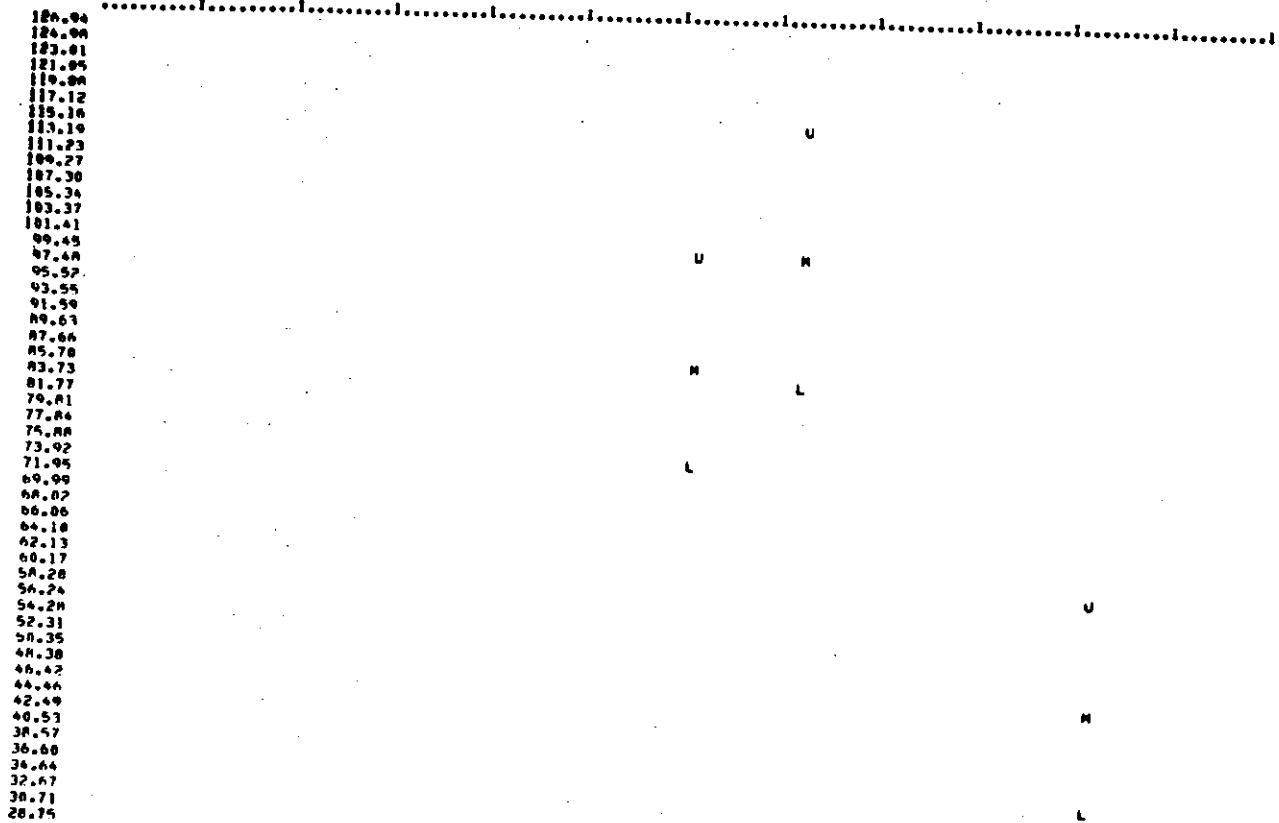


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 10-20 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT L FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	135.61	8.94	2.14	116.45	154.77
221	15	120.34	14.99	2.14	88.24	152.45
310	15	69.92	9.82	2.14	48.89	90.94



AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 20- 30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE, INT L FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
180	15	86.59	5.50	2.14		
221	15	99.25	7.50	2.14	74.68	98.50
310	15	44.00	6.00	2.14	31.94	115.40
						57.06

164.64
 163.82
 161.41
 99.79
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 93.33
 91.71
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 78.79
 77.17
 75.56
 73.94
 72.33
 70.71
 69.10
 67.48
 65.87
 64.25
 62.64
 61.02
 59.40
 57.79
 56.17
 54.56
 52.94
 51.33
 49.71
 48.10
 46.48
 44.87
 43.25
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 35.17
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 23.86

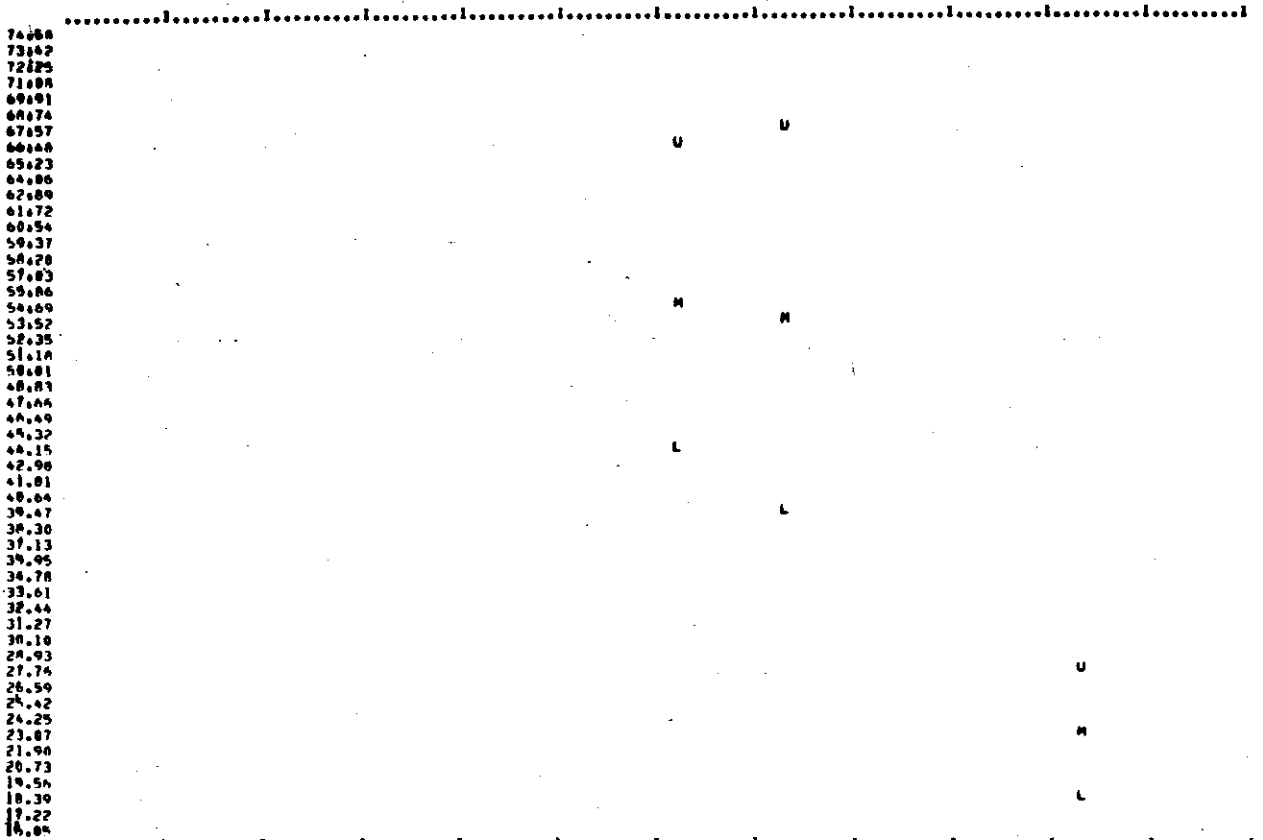
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 30- 40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANHANDLE TRT L FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
180	15	73.93	5.95	2.14	61.28	86.67
221	15	75.94	6.96	2.14	56.76	95.12
310	15	32.75	2.91	2.14	26.52	38.98



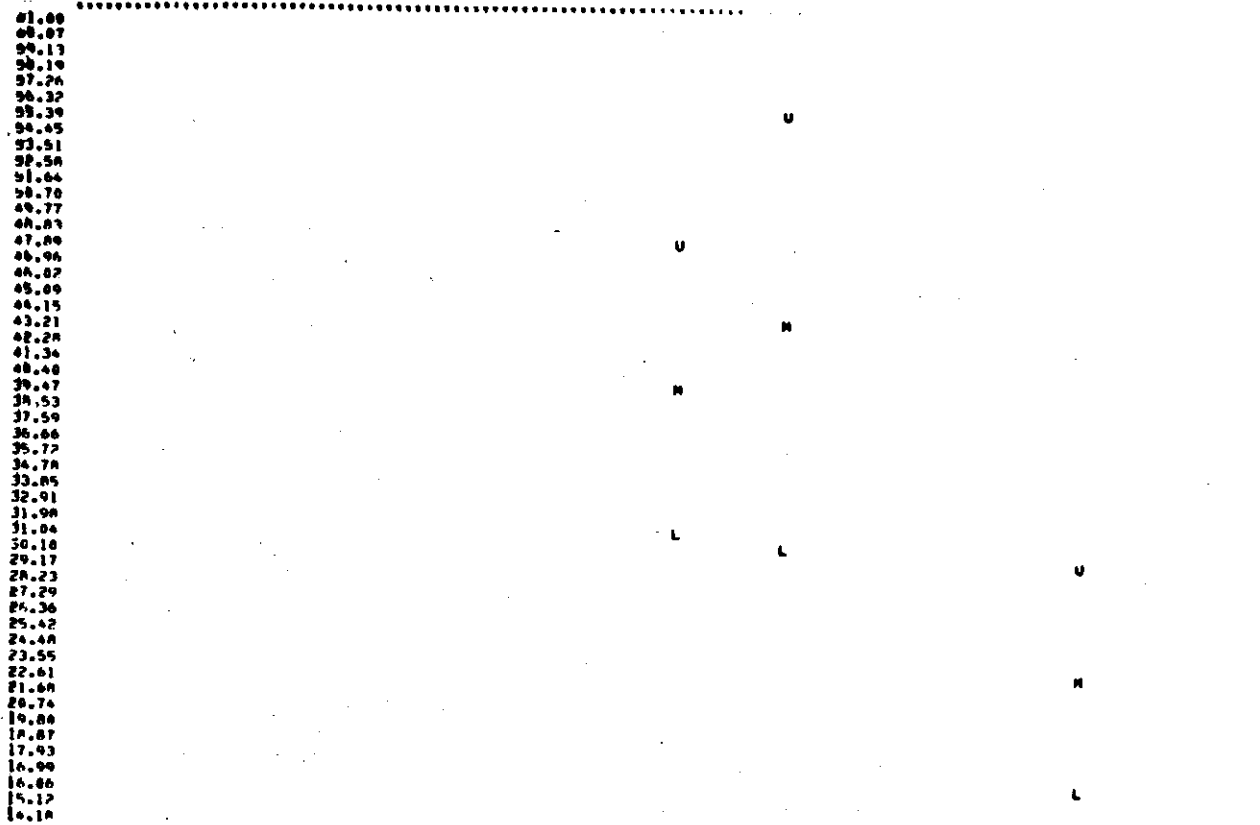
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 40- 50 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT L FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	54.85	5.23	2.14	43.65	66.05
221	15	53.84	6.52	2.14	39.87	67.81
310	15	22.96	2.37	2.14	17.83	27.97



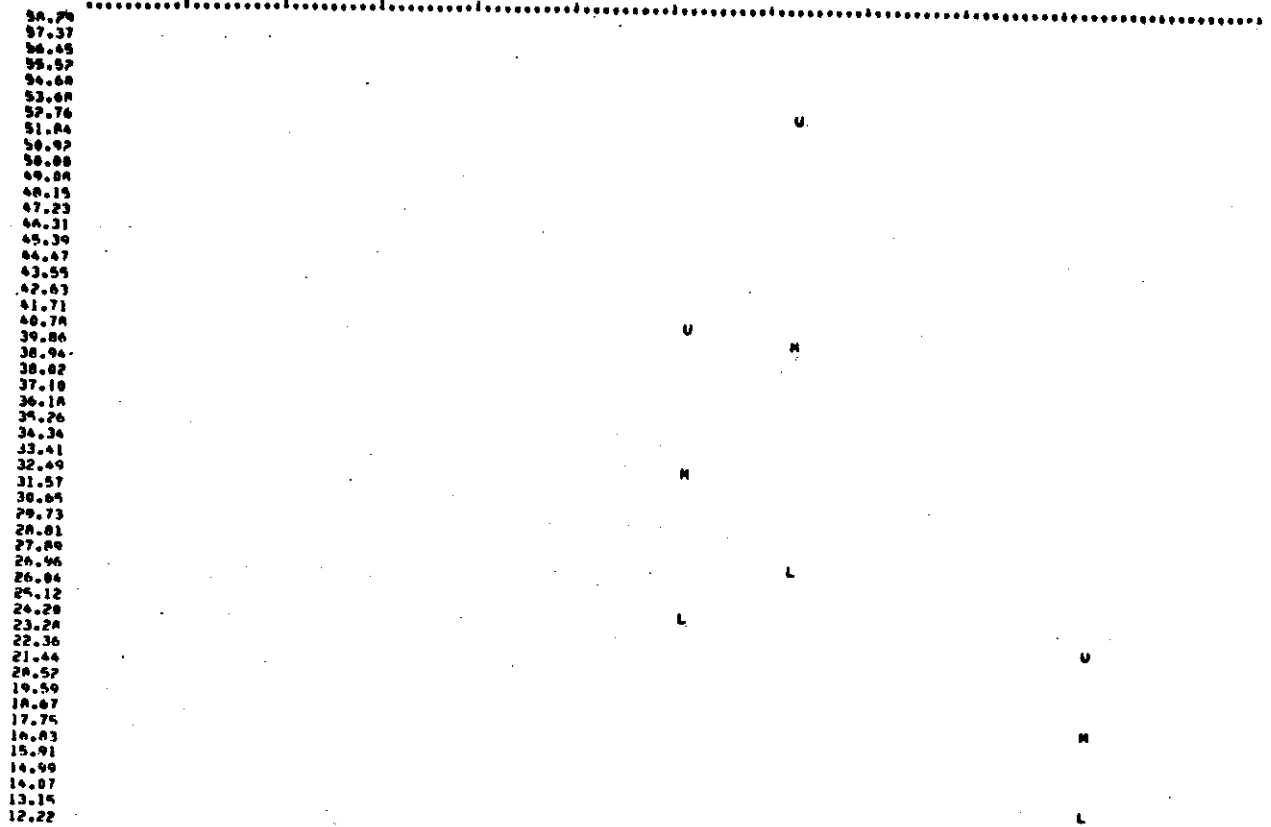
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 50- 60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRY L FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATPLNT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	39.38	3.83	2.14	31.18	47.58
221	15	42.79	5.91	2.14	30.13	55.46
310	15	22.30	3.05	2.14	15.76	28.84



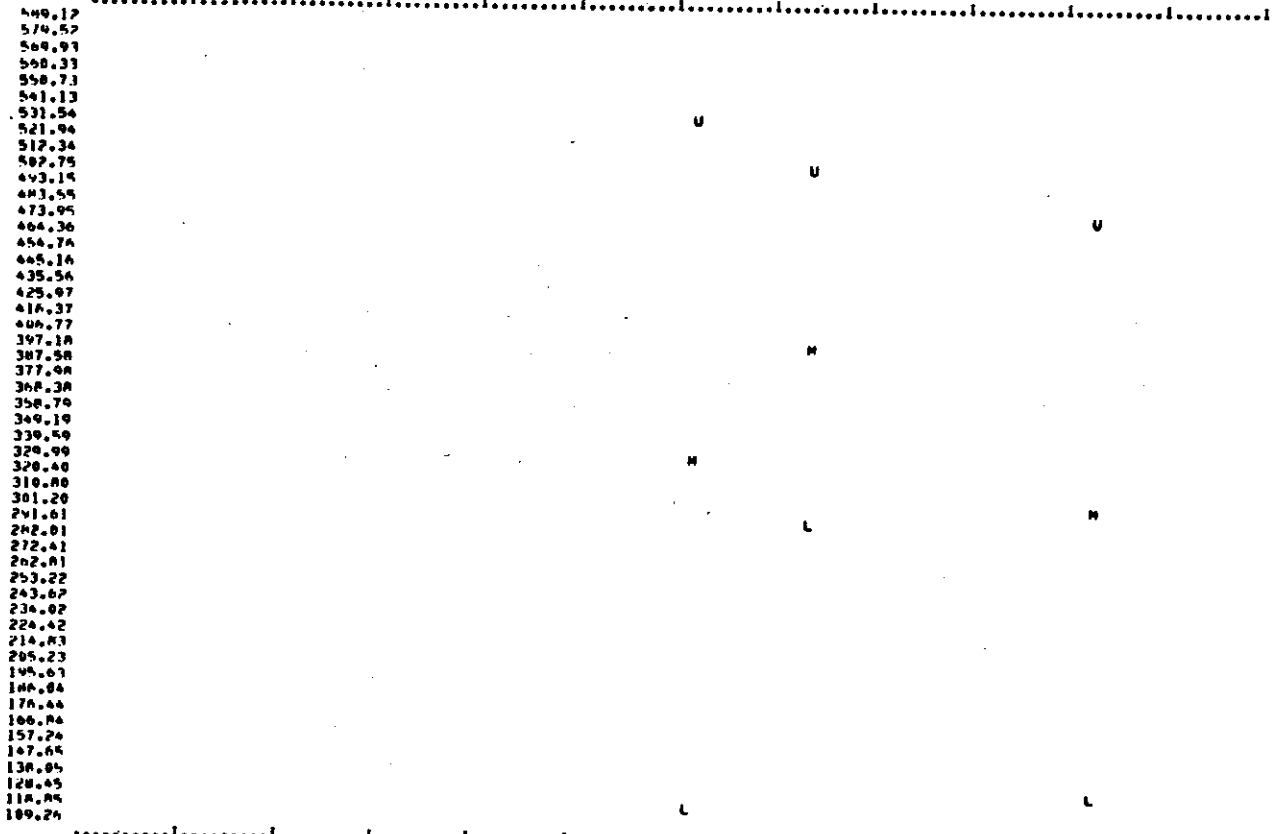
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 60-70 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT L FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
100	15	32.55	3.97	2.14	24.04	41.05
221	15	39.98	6.07	2.14	26.97	52.99
310	15	18.08	2.10	2.14	13.58	22.58



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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 0 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAWNEE TRT M FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
100	15	328.48	96.68	2.14	121.40	535.56
222	15	399.60	49.81	2.14	292.91	506.30
310	15	303.37	80.19	2.14	131.60	475.14

1502.00
 1481.66
 1460.43
 1439.20
 1417.97
 1396.74
 1375.51
 1354.28
 1333.05
 1311.82
 1290.59
 1269.36
 1248.13
 1226.90
 1205.67
 1184.44
 1163.21
 1141.98
 1120.74
 1099.51
 1078.28
 1057.05
 1035.82
 1014.59
 993.36
 972.13
 950.90
 929.67
 908.44
 887.21
 865.98
 844.75
 823.52
 802.29
 781.06
 759.83
 738.60
 717.36
 696.13
 674.90
 653.67
 632.44
 611.21
 589.98
 568.75
 547.52
 526.29
 505.06
 483.83
 462.60
 441.37



1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW-GROUND BIOMASS (G/M SQ) FOR 0-10 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMBLE, TRT M FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
100	15	994.48	173.57	2.14	622.70	1366.27
222	15	1154.00	85.48	2.14	970.90	1337.10
310	15	741.14	117.06	2.14	490.41	991.87

1895.88
 1781.75
 1757.67
 1733.49
 1709.38
 1685.27
 1661.10
 1636.94
 1612.81
 1588.70
 1564.58
 1540.41
 1516.30
 1492.17
 1468.04
 1443.91
 1419.77
 1395.64
 1371.51
 1347.38
 1323.25
 1299.12
 1274.98
 1250.85
 1226.72
 1202.59
 1178.46
 1154.33
 1130.19
 1106.06
 1081.93
 1057.80
 1033.67
 1009.54
 985.41
 961.27
 937.14
 913.01
 888.88
 864.75
 840.62
 816.48
 792.35
 768.22
 744.09
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 647.56
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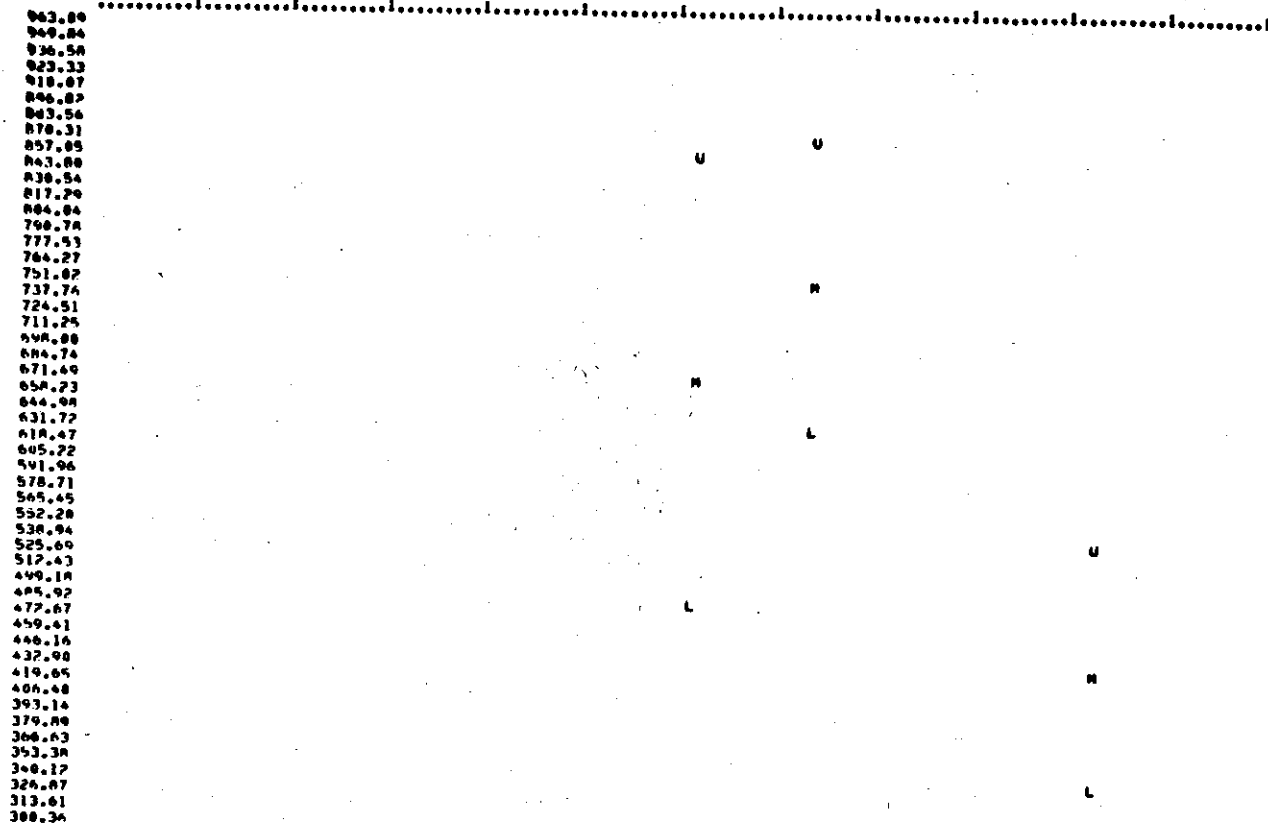
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 30 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT M FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	1253.25	181.35	2.14	864.79	1641.71
222	15	1386.45	86.86	2.14	1202.10	1570.80
310	15	427.58	122.17	2.14	665.89	1189.28



AXIS LABELS FOR THIS PLOT ARE:
 X-Axis=JULIAN DATE FOR 1971
 Y-Axis=BELOW GROUND BIOMASS (G/M²) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRI M FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	666.00	87.09	2.14	479.45	852.55
222	15	754.48	56.55	2.14	633.27	875.54
310	15	437.77	48.57	2.14	333.73	541.82

200.74
 205.00
 202.90
 200.10
 197.21
 194.33
 191.45
 188.57
 185.60
 182.80
 179.92
 177.04
 174.16
 171.27
 168.39
 165.51
 162.63
 159.74
 156.86
 153.98
 151.10
 148.22
 145.33
 142.45
 139.57
 136.69
 133.80
 130.92
 128.04
 125.16
 122.28
 119.39
 116.51
 113.63
 110.75
 107.86
 104.98
 102.10
 99.22
 96.34
 93.45
 90.57
 87.69
 84.81
 81.92
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 67.51
 64.61

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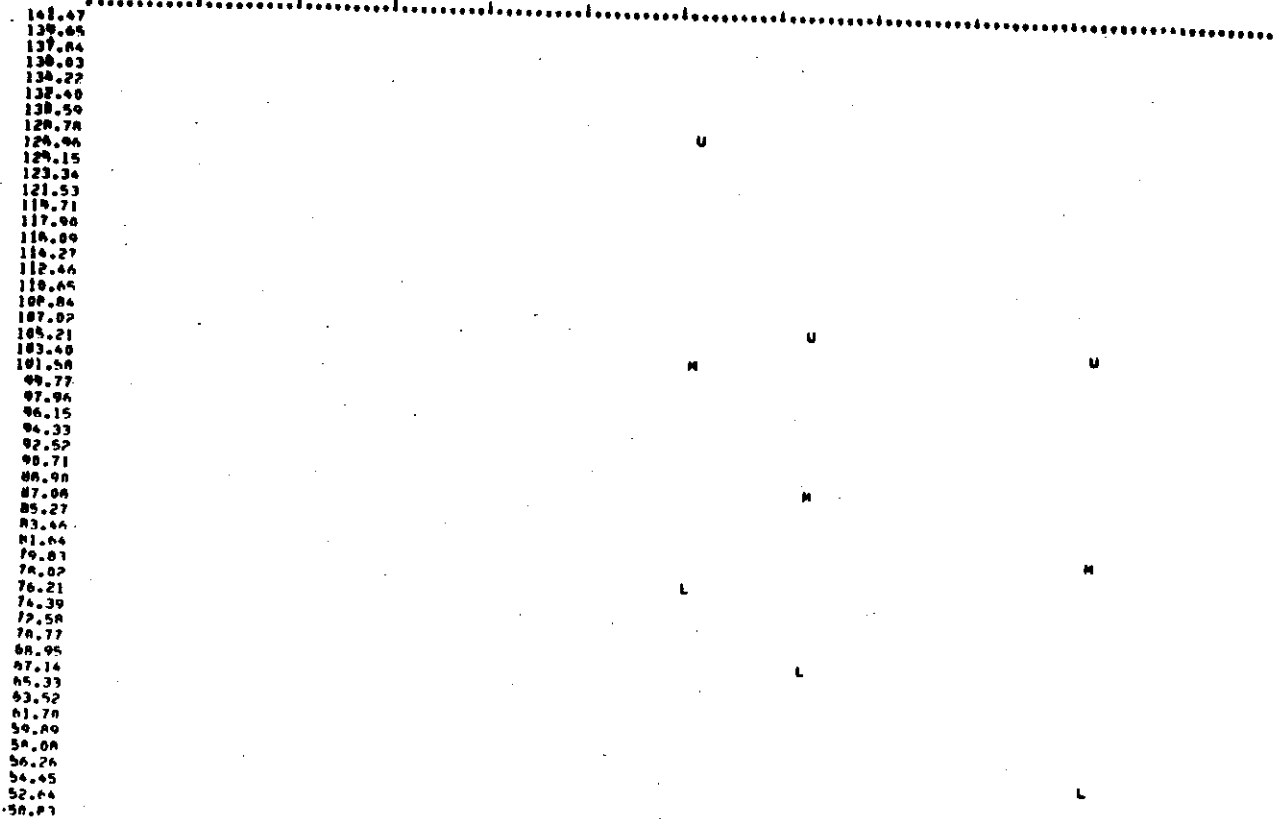
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 10-20 CM DEPTH

THESE DATA INCLUDE HOOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMMEL TRT N FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
100	15	155.90	15.81	2.14	122.04	189.77
272	15	144.25	13.82	2.14	116.37	172.13
310	15	105.27	15.62	2.14	71.81	136.74

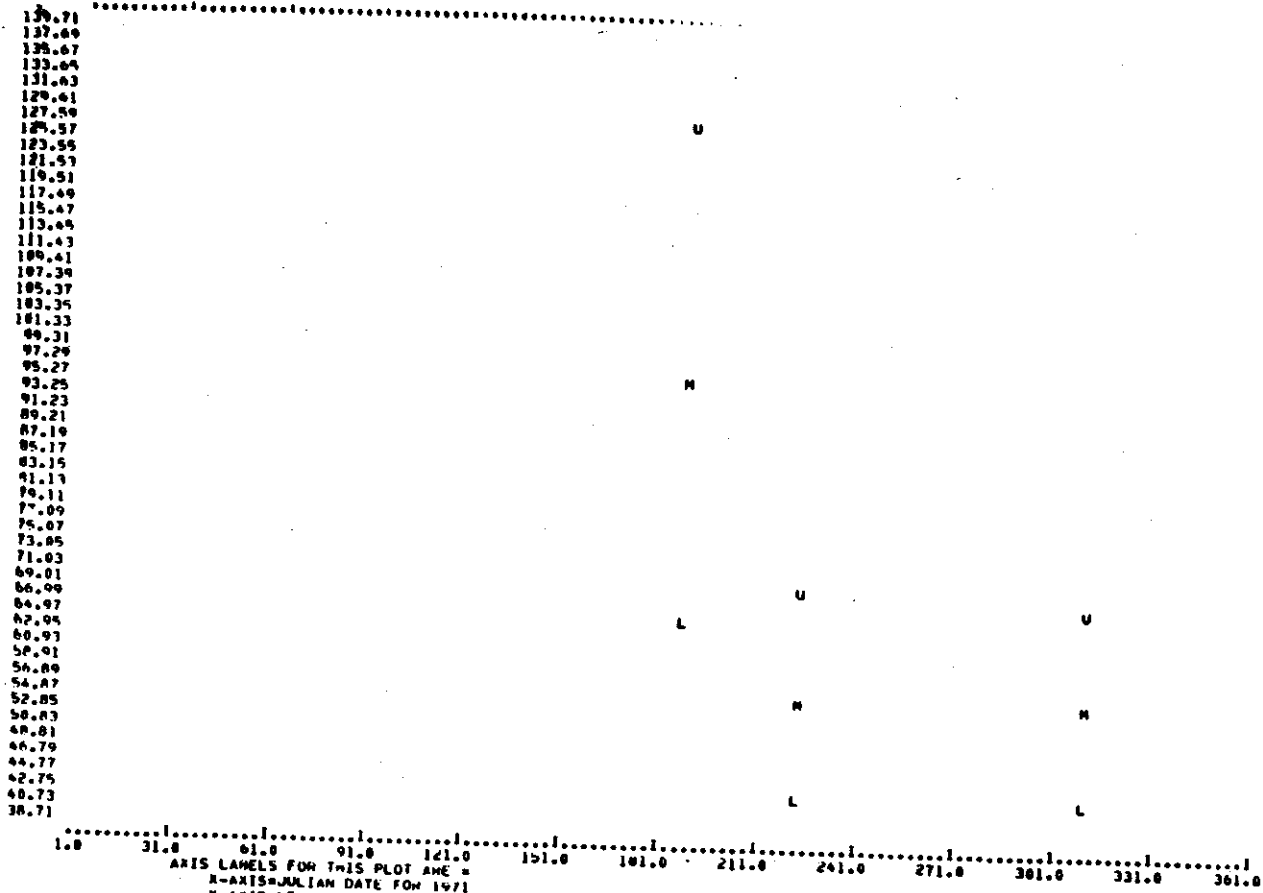


1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 20-30 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE FAWNLE, TRT M FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	102.86	12.02	2.14	77.12	128.61
222	15	88.20	9.06	2.14	68.80	107.60
310	15	81.17	11.53	2.14	56.47	105.86



THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEL, TRT M FOR 1971 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	96.23	14.37	2.14	65.46	127.01
222	15	55.05	5.90	2.14	43.01	66.30
310	15	55.05	5.50	2.14	43.27	66.82

184.42
 186.76
 189.11
 193.44
 191.79
 190.13
 98.47
 96.82
 95.16
 93.50
 91.84
 90.19
 88.53
 86.87
 85.21
 83.56
 81.90
 80.24
 78.58
 76.92
 75.27
 73.61
 71.95
 70.29
 68.64
 66.98
 65.32
 63.66
 62.01
 60.35
 58.69
 57.03
 55.37
 53.72
 52.06
 50.40
 48.74
 47.09
 45.43
 43.77
 42.11
 40.46
 38.80
 37.14
 35.48
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 32.17
 30.51
 28.85
 27.19
 25.54

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW-GROUND BIOMASS (G/M SQ) FOR 40- 50 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT M FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	73.73	11.59	2.14	48.90	98.56
222	15	49.22	5.78	2.14	36.83	61.61
318	15	39.98	5.42	2.14	28.37	51.59

78.88
77.83
76.46
75.79
74.17
72.95
71.78
70.61
69.44
68.78
67.11
65.94
64.77
63.60
62.43
61.26
60.09
58.92
57.75
56.58
55.41
54.25
53.08
51.91
50.74
49.57
48.40
47.23
46.06
44.89
43.72
42.55
41.38
40.22
39.05
37.88
36.71
35.54
34.37
33.20
32.03
30.86
29.69
28.52
27.35
26.19
25.02
23.85
22.68
21.51
20.34

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 50-60 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANOLE, TRT M FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	15	54.26	8.12			
222	14	32.72	4.68	2.14	36.86	71.63
310*	15	32.55	4.55	2.14	22.40	42.84
					22.00	42.29

*Sequence missing 8 cm of core length.

70.31
 70.14
 73.99
 72.82
 71.66
 70.50
 69.33
 68.17
 67.01
 65.85
 64.69
 63.52
 62.36
 61.20
 60.04
 58.88
 57.71
 56.55
 55.39
 54.23
 53.07
 51.90
 50.74
 49.58
 48.42
 47.26
 46.09
 44.93
 43.77
 42.61
 41.45
 40.28
 39.12
 37.96
 36.80
 35.64
 34.47
 33.31
 32.15
 30.99
 29.83
 28.66
 27.50
 26.34
 25.18
 24.02
 22.85
 21.69
 20.53
 19.37
 18.21

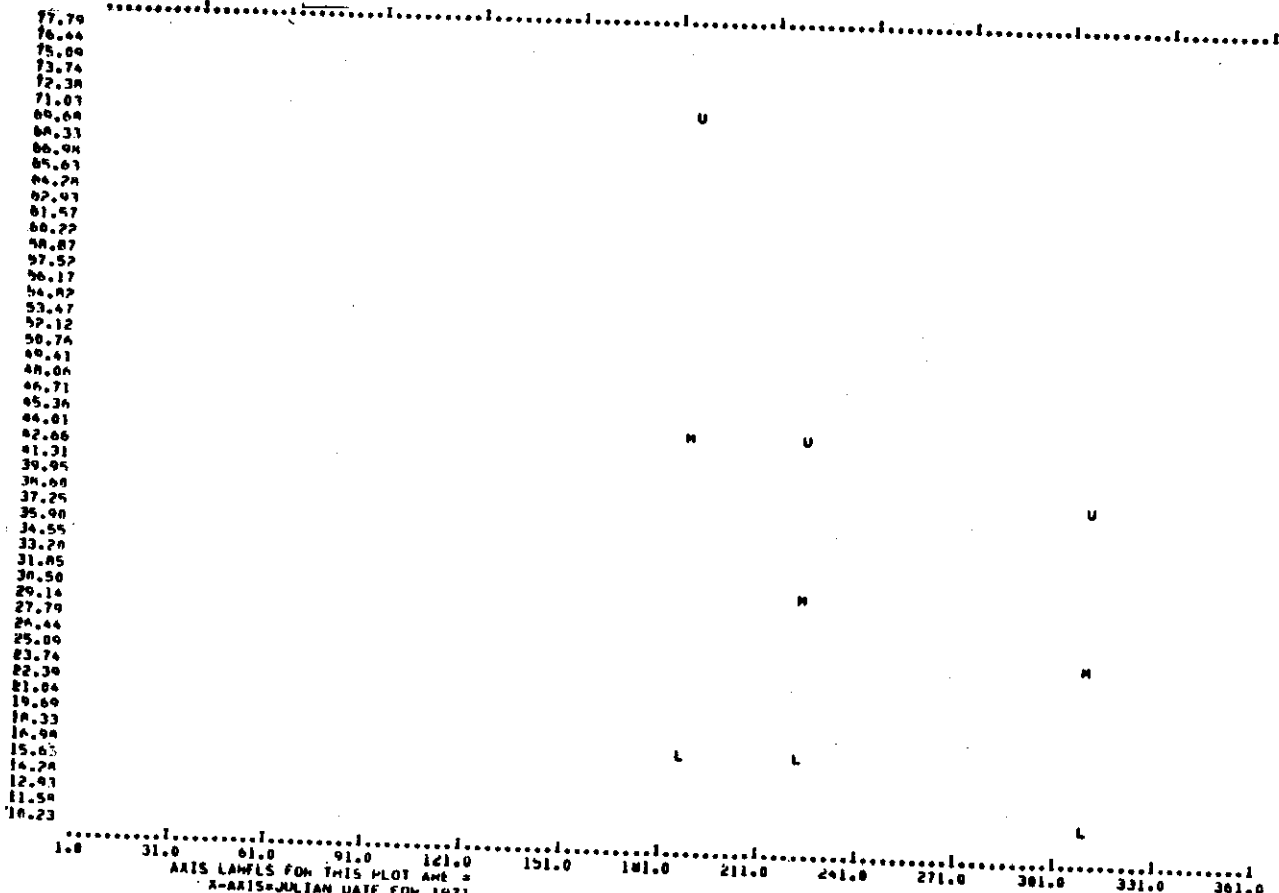
.....
 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 60-70 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT M FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
188	14	54.89	0.70	2.16	40.41	69.37
222	14	31.66	0.42	2.16	22.10	41.19
310*	13	29.44	0.22	2.16	26.23	38.65

*Sequence missing 3 cm of core length.



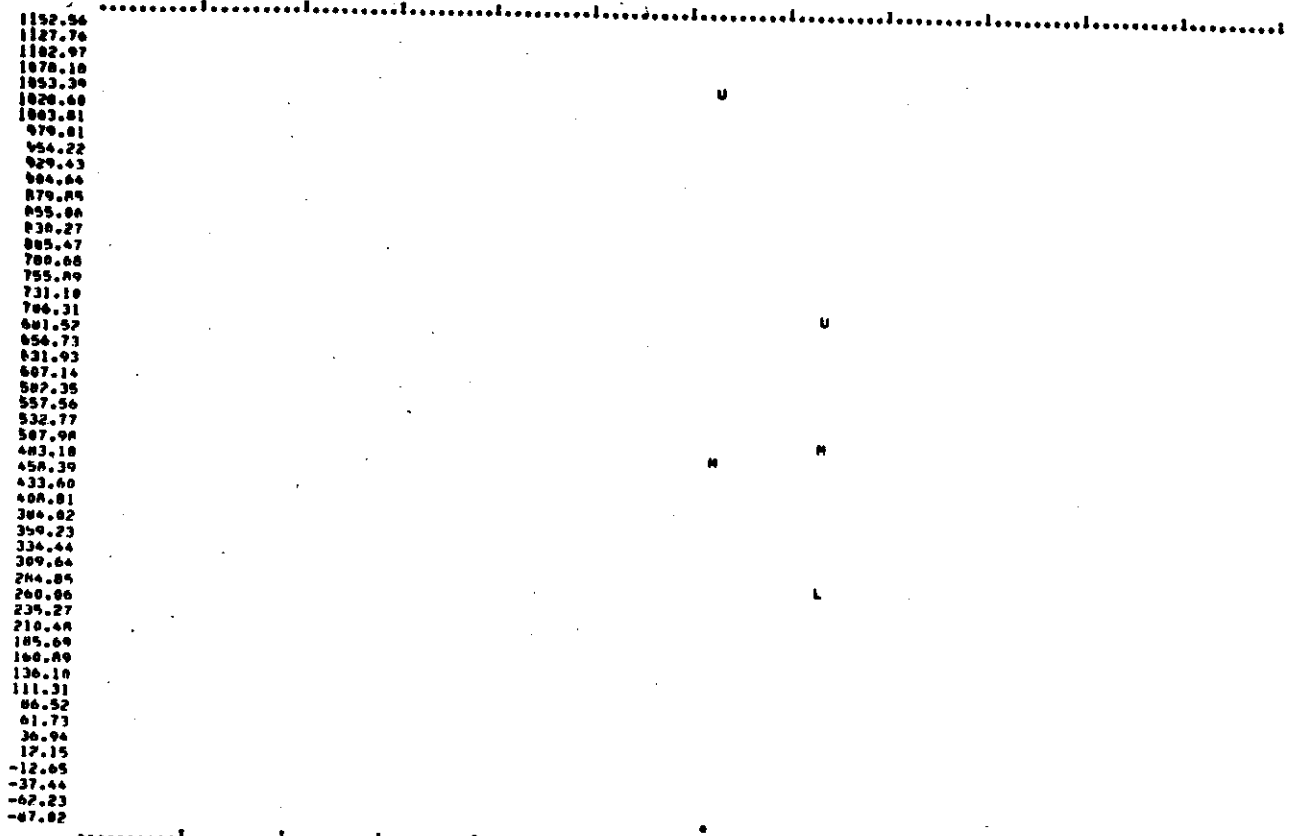
1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 70-80 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANMEE, TRT M FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
199*	13	43.81	12.33			
222**	13	30.37	6.42	2.10	16.91	70.72
310***	10	24.71	5.87	2.27	11.36	44.36
						38.06

*Sequence missing 9 cm of core length.
 **Sequence missing 9 cm of core length.
 ***Sequence missing 19 cm of core length.



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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 0 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAMBLE, TRT M FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
198	5	475.54	209.02	2.74	-87.02	1047.78
222	5	497.24	80.31	2.74	277.38	717.11

Note: Asterisks appearing in graph indicate a lower confidence limit which has a negative value.

1987.48
 1967.88
 1913.21
 1878.87
 1844.87
 1809.43
 1774.84
 1740.24
 1705.65
 1671.06
 1636.46
 1601.87
 1567.28
 1532.68
 1498.09
 1463.50
 1428.90
 1394.31
 1359.72
 1325.12
 1290.53
 1255.94
 1221.34
 1186.75
 1152.16
 1117.56
 1082.97
 1048.38
 1013.78
 979.19
 944.60
 910.00
 875.41
 840.82
 806.22
 771.63
 737.04
 702.44
 667.85
 633.26
 598.66
 564.07
 529.48
 494.88
 460.29
 425.70
 391.10
 356.51
 321.92
 287.32
 252.73

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE =
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE CHOWN MATERIAL
 THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT N FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
190	5	1041.50	277.86	2.74	289.81	1802.18
222	5	1174.70	188.37	2.74	659.01	1690.38

2377.04
 2335.16
 2290.24
 2261.37
 2224.44
 2187.50
 2150.69
 2113.79
 2076.90
 2040.01
 2003.11
 1966.22
 1929.32
 1892.43
 1855.54
 1818.64
 1781.75
 1744.86
 1707.96
 1671.07
 1634.17
 1597.28
 1560.39
 1523.49
 1486.60
 1449.70
 1412.81
 1375.92
 1339.02
 1302.13
 1265.24
 1228.34
 1191.45
 1154.55
 1117.66
 1080.77
 1043.87
 1006.98
 970.09
 933.19
 896.30
 859.40
 822.51
 785.62
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 711.83
 674.93
 638.04
 601.15
 564.25
 527.36

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE *
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 30 CM DEPTH

THESE DATA INCLUDE CROWN MATERIAL

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRT N FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
190	5	1371.18	286.82	2.74	585.95	2150.41
222*	5	1376.61	212.52	2.74	794.78	1958.43

*Sequence missing 5 cm of core length.

121.00
 110.00
 1007.57
 1070.45
 1053.33
 1036.21
 1019.10
 1001.98
 984.86
 967.74
 950.63
 933.51
 916.39
 899.28
 882.16
 865.04
 847.92
 830.81
 813.69
 796.57
 779.45
 762.34
 745.22
 728.10
 710.98
 693.87
 676.75
 659.63
 642.52
 625.40
 608.28
 591.16
 574.05
 556.93
 539.81
 522.69
 505.58
 488.46
 471.34
 454.22
 437.11
 419.99
 402.87
 385.75
 368.64
 351.52
 334.40
 317.29
 300.17
 283.05
 265.93

1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY.

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANNEE, TRY N FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
190	5	565.95	98.80	2.74	295.48	836.42
222	5	677.45	125.86	2.74	335.89	1019.82

929.67
 925.84
 918.42
 905.88
 891.18
 884.55
 861.93
 837.31
 822.69
 808.07
 783.44
 778.82
 764.20
 749.58
 734.96
 720.33
 705.71
 691.09
 876.47
 861.84
 847.22
 832.60
 817.98
 803.35
 588.73
 574.11
 559.49
 544.87
 530.24
 515.62
 501.00
 486.38
 471.75
 457.13
 442.51
 427.89
 413.27
 398.64
 384.02
 369.40
 354.78
 340.15
 325.53
 310.91
 296.29
 281.67
 267.04
 252.42
 237.80
 223.18
 208.55

1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE -
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SQ) FOR 0- 5 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PAYNEE, TRY M FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SQ)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
198	5	444.20	77.61	2.74	231.73	656.68
222	5	543.85	113.67	2.74	231.86	854.24

226.32
 222.48
 218.63
 214.78
 210.93
 207.08
 203.24
 199.39
 195.55
 191.70
 187.85
 184.01
 180.16
 176.31
 172.47
 168.62
 164.77
 160.92
 157.08
 153.23
 149.38
 145.54
 141.69
 137.84
 134.00
 130.15
 126.30
 122.45
 118.61
 114.76
 110.91
 107.07
 103.22
 99.37
 95.53
 91.68
 87.83
 83.99
 80.14
 76.29
 72.44
 68.60
 64.75
 60.90
 57.06
 53.21
 49.36
 45.52
 41.67
 37.82
 33.98

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0
 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 5- 10 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANWEE, TRT N FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
198	5	121.75	30.68	2.74	37.75	205.75
222	5	134.41	22.94	2.74	71.00	197.22

204.00
201.52
199.12
196.72
191.33
187.91
184.51
181.14
177.74
174.34
170.94
167.55
164.15
160.75
157.35
153.94
150.54
147.14
143.77
140.37
136.97
133.57
130.18
126.78
123.38
119.98
116.59
113.19
109.79
106.39
103.00
99.60
96.20
92.81
89.41
86.01
82.61
79.22
75.82
72.42
69.02
65.61
62.23
58.83
55.43
52.04
48.64
45.24
41.84
38.44
35.05

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1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

AXIS LABELS FOR THIS PLOT ARE =
X-AXIS=JULIAN DATE FOR 1971
Y-AXIS=BELOW GROUND BIOMASS (G/M²) FOR 20-30 CM DEPTH

THESE DATA INCLUDE ONLY MATERIAL ONLY
THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE MARBLE TRT N FOR 1971
(CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M ²)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
100*	5	127.17	21.50	2.74	68.06	186.29
772**	5	63.89	9.11	2.74	38.95	88.83

* Sequence missing 1 cm of core length.
** Sequence missing 4 cm of core length.

107.07
 100.28
 104.70
 103.11
 101.52
 99.94
 98.34
 96.76
 95.17
 93.59
 92.00
 90.41
 88.83
 87.24
 85.65
 84.07
 82.48
 80.89
 79.31
 77.72
 76.13
 74.55
 72.96
 71.37
 69.79
 68.20
 66.61
 65.02
 63.44
 61.85
 60.26
 58.68
 57.09
 55.50
 53.92
 52.33
 50.74
 49.16
 47.57
 45.98
 44.40
 42.81
 41.22
 39.64
 38.05
 36.46
 34.88
 33.29
 31.70
 30.11
 28.53

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 1.0 31.0 61.0 91.0 121.0 151.0 181.0 211.0 241.0 271.0 301.0 331.0 361.0

 AXIS LABELS FOR THIS PLOT ARE:
 X-AXIS=JULIAN DATE FOR 1971
 Y-AXIS=BELOW GROUND BIOMASS (G/M SO) FOR 30-40 CM DEPTH

THESE DATA INCLUDE ROOT MATERIAL ONLY

THESE DATA REPRESENT BELOW-GROUND BIOMASS SAMPLING ON SITE PANOLE, TRY N FOR 1971
 (CONFIDENCE BAND CALCULATED AT THE 95 PERCENT LEVEL)

JULIAN DATE	NUMBER OF VALUES/MEAN	TREATMENT MEAN (G/M SO)	STANDARD ERROR	TEE VALUE	LOWER LIMIT	UPPER LIMIT
198*	5	69.92	10.28	2.74	41.77	98.06
222**	3	55.25	6.59	3.58	31.70	78.80

*Sequence missing 1 cm of core length.
 **Sequence missing 7 cm of core length.

