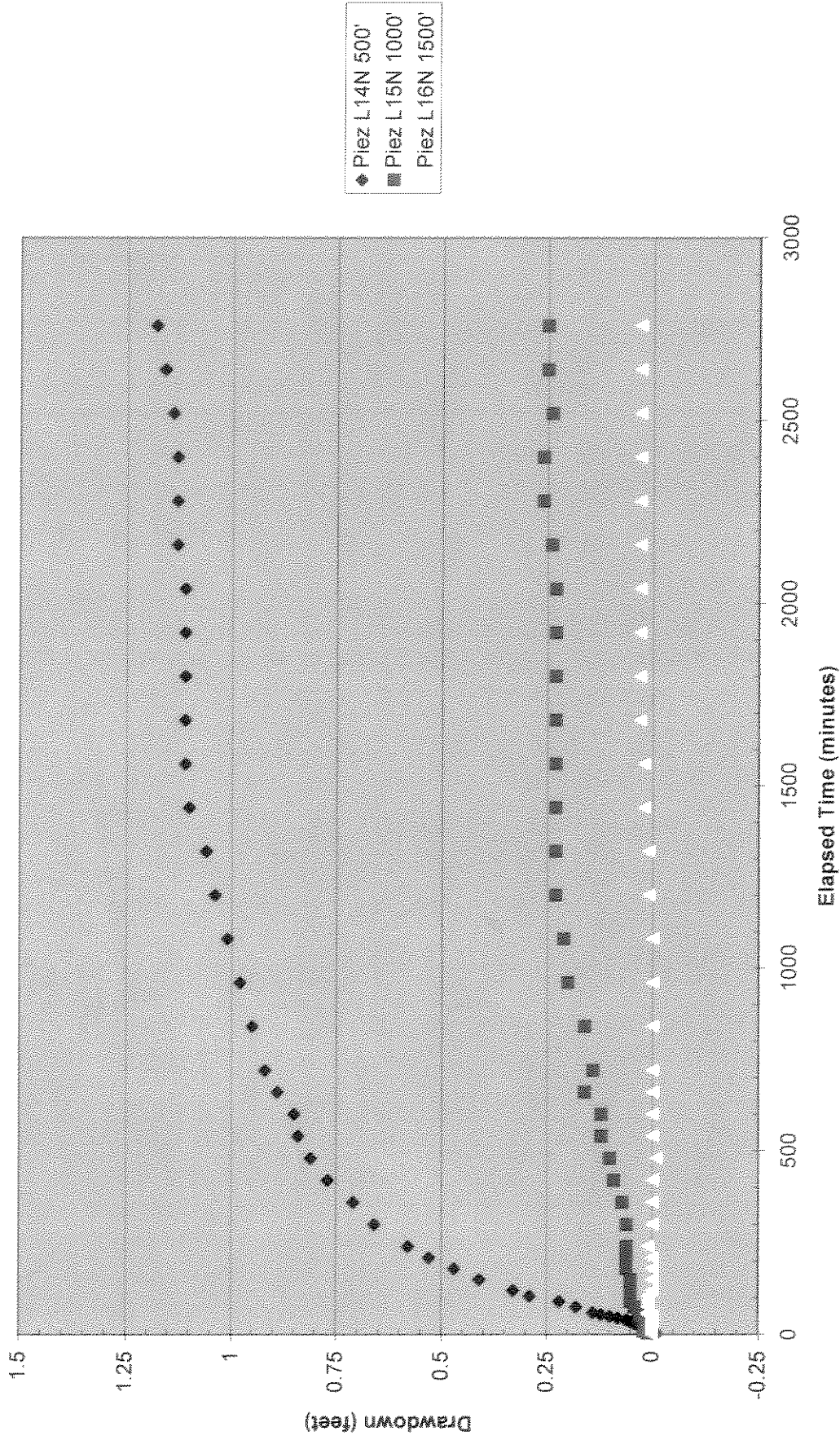


Manual Time-Drawdown Curves
North, South, East, West Transects
(500, 1000, 1500-feet of pumping well)

London Pump Test - DrawDown vs Time Manual Readings - North Transect



0948 6.45
0954 6.45

L 14N

Ø14N

LONDON CANAL PUMP TEST

Piezometer: Ø14N
 Elevation Top of Riser: Ft.
 Ground Surface Elevation: Ft.
 Piezometer Tip Elevation: Ft.
 Distance from Pump Well: 500 Ft.

Reader	TIME
ANDRY	DONNELLY

Clock Time when Pump Started: AM

ZERO Reading Time: 0941

ZERO Reading: 6.46

M-Scope	Date	Time	Reading
14645	3/6/2006	1000	6.46
		1001	6.50 6.45
		1002	6.45
		1003	6.45
		1004	6.45
		1005	6.46
		1006	6.46
		1007	6.46
		1008	6.46
		1009	6.47
		1010	6.47
		1011	6.47
		1012	6.47
		1013	6.47
		1014	6.47
		1015	6.48
		1016	6.47
		1018	6.48
		1020	6.47
		1022	6.48
		1024	6.49
		1026	6.49
		1028	6.49
		1030	6.50
		1035	6.51
		1040	6.52
		1045	6.54
		1050	6.56
		1055	6.58
		1100	6.60
		1115	6.64
		1130	6.68
		1145	6.75
		1200	6.79
		1230	6.87
		1300	6.93
		1330	6.99
		1400	7.04
		1456	7.12

M-Scope	Date	Time	Reading
14645	3/6/2006	1350	7.17
14645		1649	7.23
		1752	7.27
		1852	7.30
		1955	7.31
		2055	7.35
		2155	7.38
		2353	7.41
	3/7/2006	0151	7.44
		0350	7.47
		0548	7.50
		0750	7.52
		0950	7.56
		1147	7.57
		1356	7.57
		1555	7.57
		1750	7.57
		1953	7.57
		2150	7.59
		2350	7.59
		0151	7.59
		0352	7.60
		0551	7.62
		0750	7.64

L15N
O15N

LONDON CANAL PUMP TEST

Piezometer: **O15N**
 Elevation Top of Riser: _____ Ft.
 Ground Surface Elevation: _____ Ft.
 Piezometer Tip Elevation: _____ Ft.
 Distance from Pump Well: **1000** Ft.

Reader	TIME
WERNON	0930

Clock Time when Pump Started: **10:00** AM

ZERO Reading Time: **09:50**
 09:55

ZERO Reading: **6.09**
 6.09

M-Scope	Date	Time	Reading
25461	3/16/2006	10:00	6.10
		10:01	6.11
		10:02	6.11
		10:03	6.11
		10:04	6.11
		10:05	6.11
		10:06	6.11
		10:07	6.11
		10:08	6.12
		10:09	6.12
		10:10	6.12
		10:11	6.12
		10:12	6.12
		10:13	6.12
		10:14	6.12
		10:15	6.12
		10:17	6.12
		10:19	6.12
		10:21	6.12
		10:23	6.12
		10:25	6.12
		10:27	6.12
		10:29	6.12
		10:31	6.12
		10:35	6.12
		10:40	6.12
		10:45	6.12
		10:50	6.13
		10:55	6.13
		11:00	6.13
		11:15	6.14
		11:30	6.15
		11:45	6.15
		12:00	6.15
		12:30	6.15
		13:00	6.16
		13:30	6.16
		14:00	6.16

M-Scope	Date	Time	Reading
14645	3/16/2006	1500	6.16
		1555	6.17
		1651	6.19
		1754	6.20
		1855	6.22
		1958	6.22
		2058	6.26
		2158	6.24
		2356	6.26
	3/2/2006	0154	6.30
		0353	6.31
		0550	6.33
		0754	6.33
		0955	6.33
		1151	6.33
		1359	6.33
		1559	6.33
		1753	6.33
		1955	6.33
		2154	6.34
		2353	6.36
		0154	6.36
		0355	6.34
		0556	6.35
		0754	6.35

L 16 N
O16N

LONDON CANAL PUMP TEST

Piezometer:	L #16N	Reader	TIME
Elevation Top of Riser:			
Ground Surface Elevation:			
Piezometer Tip Elevation:			
Distance from Pump Well:	1500		

Clock Time when Pump Started: 10:00 AM

ZERO Reading Time: 10:00

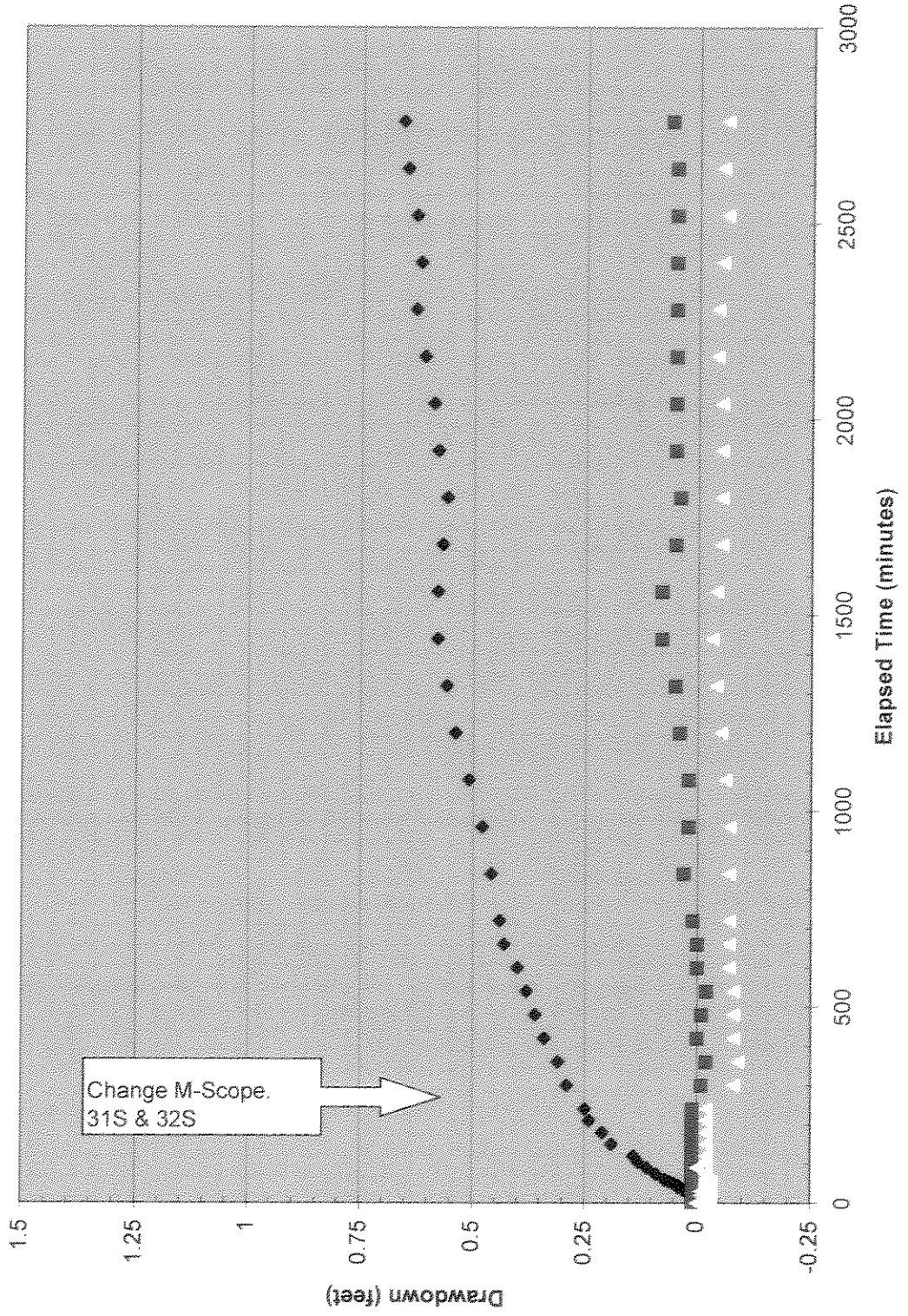
ZERO Reading: 8.29

M-Scope	Date	Time	Reading
14641	3/6/06	10:01	8.29
		:02	8.29
		:03	8.29
		:04	8.29
		:05	8.29
		:06	8.29
		:07	8.29
		:08	8.29
		:09	8.29
		:10	8.29
		:11	8.29
		:12	8.29
		:13	8.29
		:14	8.29
		10:16	8.29
		:18	8.29
		:20	8.29
		:22	8.29
		:24	8.29
		:26	8.29
		:28	8.29
		:30	8.29
		10:35	8.29
		40	8.29
		45	8.29
		50	8.29
		55	8.30
		11:00	8.30
		:15	8.30
		:30	8.30
		:45	8.30
		12:00	8.29
		:30	8.29
		1:00	8.29
		:30	8.29
		2:00	8.30
		3:00 → 3:00	8.29
		1559	8.29
		1655	8.29

M-Scope	Date	Time	Reading
14641	3/6/06	17:57	8.28
		18:58	8.29
		20:00	8.29
		21:00	8.29
		22:00	8.29
		23:58	8.29
	3/7/2006	01:56	8.29
		03:55	8.29
		05:52	8.30
		07:59	8.30
		10:00	8.31
		11:56	8.31
		14:03	8.32
		16:02	8.32
		17:56	8.32
		19:57	8.32
		21:56	8.32
		23:57	8.32
		01:58	8.32
		03:58	8.32
		05:59	8.32
		07:56	8.32

NEW READERS

London Pump Test - DrawDown vs Time Manual Readings - South Transect



- ◆ Piez L30S 500'
- Piez L31S 1000'
- ▲ Piez L32S 1500'

Change M-Scope.
31S & 32S

Sensitivity = 5

504 - 427-7910

charlie

314 630 6295

Conroy

O30S

LONDON CANAL PUMP TEST

15 min every min
 15-30 min every 2 min
 30-60 min every 5 min
 60-120 every 15 min
 2 hrs-4 hrs every 30 min
 > 4 hrs hourly

Piezometer: **O30S**
 Elevation Top of Riser: Ft.
 Ground Surface Elevation: Ft.
 Piezometer Tip Elevation: Ft.
 Distance from Pump Well: **500** Ft.

Reader	TIME
LeBlanc/Prose	

Clock Time when Pump Started: AM

ZERO Reading Time:

ZERO Reading:

M-Scope	Date	Time	Reading
14644	3/6	9:41	6.36
		9:50	6.36
		10:00	6.36
		10:01	6.36
		10:02	6.36
		10:03	6.36
		10:04	6.36
		10:05	6.36
		10:06	6.36
		10:07	6.36
		10:08	6.36
		10:09	6.36
		10:10	6.36
		10:11	6.37
		10:12	6.37
		10:13	6.37
		10:14	6.37
		10:15	6.37
		10:16	6.37
		10:18	6.37
		10:20	6.37
		10:22	6.37
		10:24	6.37
		10:26	6.38
		10:28	6.38
		10:30	6.38
		10:35 10:35	6.39
		10:40	6.40
		10:45	6.40
		10:50	6.41
		10:55	6.42
		11:00	6.43
		11:15	6.45
		11:30	6.47
		11:45	6.49
		12:00	6.50
		12:30	6.55
		13:00	6.57
		13:30	6.60

M-Scope	Date	Time	Reading
14644	3/6	14:00	6.61
		15:04	6.65
		16:02	6.67
		16:55	5
		17:01	6.70
		17:59	6.72
		18:58	6.74
		19:59	6.76
		20:21:00	6.79
		20:58	6.80
		23:58	6.82
	3/7	01:59	6.84
		03:59	6.87
	3/7	06:00	6.90
		08:02	6.92
		10:01	6.94
		12:02	6.94
		14:03	6.93
		16:02	6.92
		18:03	6.94
		19:57	6.95
		21:58	6.97
		23:59	6.99
	3/8	01:58	6.98
		03:59	6.99
		05:59	7.01
		07:58	7.02

O31S

LONDON CANAL PUMP TEST

Piezometer:
 Elevation Top of Riser: Ft.
 Ground Surface Elevation: Ft.
 Piezometer Tip Elevation: Ft.
 Distance from Pump Well: Ft.

Reader	TIME

Clock Time when Pump Started: AM

ZERO Reading Time:

ZERO Reading:

M-Scope	Date	Time	Reading
URS19139	3/6/06	9:44	6.14
		9:50	6.15
		9:56	6.15
		9:58	6.15
		10:00	6.15
		10:01	6.16
		10:02	6.16
		10:03	6.16
		10:04	6.16
		10:05	6.16
		10:06	6.16
		10:07	6.16
		10:08	6.16
		10:09	6.16
		10:10	6.16
		10:11	6.16
		10:12	6.16
		10:13	6.16
		10:14	6.16
		10:15	6.16
		10:17	6.16
		10:19	6.16
		10:21	6.16
		10:23	6.16
		10:25	6.16
		10:27	6.16
		10:29	6.16
		10:31	6.16
		10:36	6.16
		10:41	6.16
		10:46	6.16
		10:51	6.16
		10:56	6.16
		11:01	6.16
		11:16	6.16
		11:31	6.16
		11:46	6.16
		12:01	6.16
		12:31	6.16

M-Scope	Date	Time	Reading
URS19139	3/6/06	13:01	6.16
		13:31	6.16
		14:01	6.16
14644	3/6	15:08	6.14
		15:58	6.17
14644		16:58	6.15
		17:57	6.14
		18:56	6.13
		19:57	6.15
		20:57	6.15
		21:56	6.16
		23:56	6.18
	3/7	01:57	6.17
		03:57	6.17
	3/7	05:58	6.19
	3/7	05:58	6.19
		07:58	6.20
		09:58	6.23
		11:58	6.23
		13:58	6.20
		15:58	6.19
		17:59	6.20
		19:56	6.20
		21:56	6.20
		23:57	6.23
	3/8	01:56	6.20
		03:57	6.20
		05:57	6.20
		07:57	6.21

0950 5.38

O32S

LONDON CANAL PUMP TEST

Piezometer: **O32S**
 Elevation Top of Riser: Ft.
 Ground Surface Elevation: Ft.
 Piezometer Tip Elevation: Ft.
 Distance from Pump Well: **1500** Ft.

Reader	TIME

Clock Time when Pump Started: AM

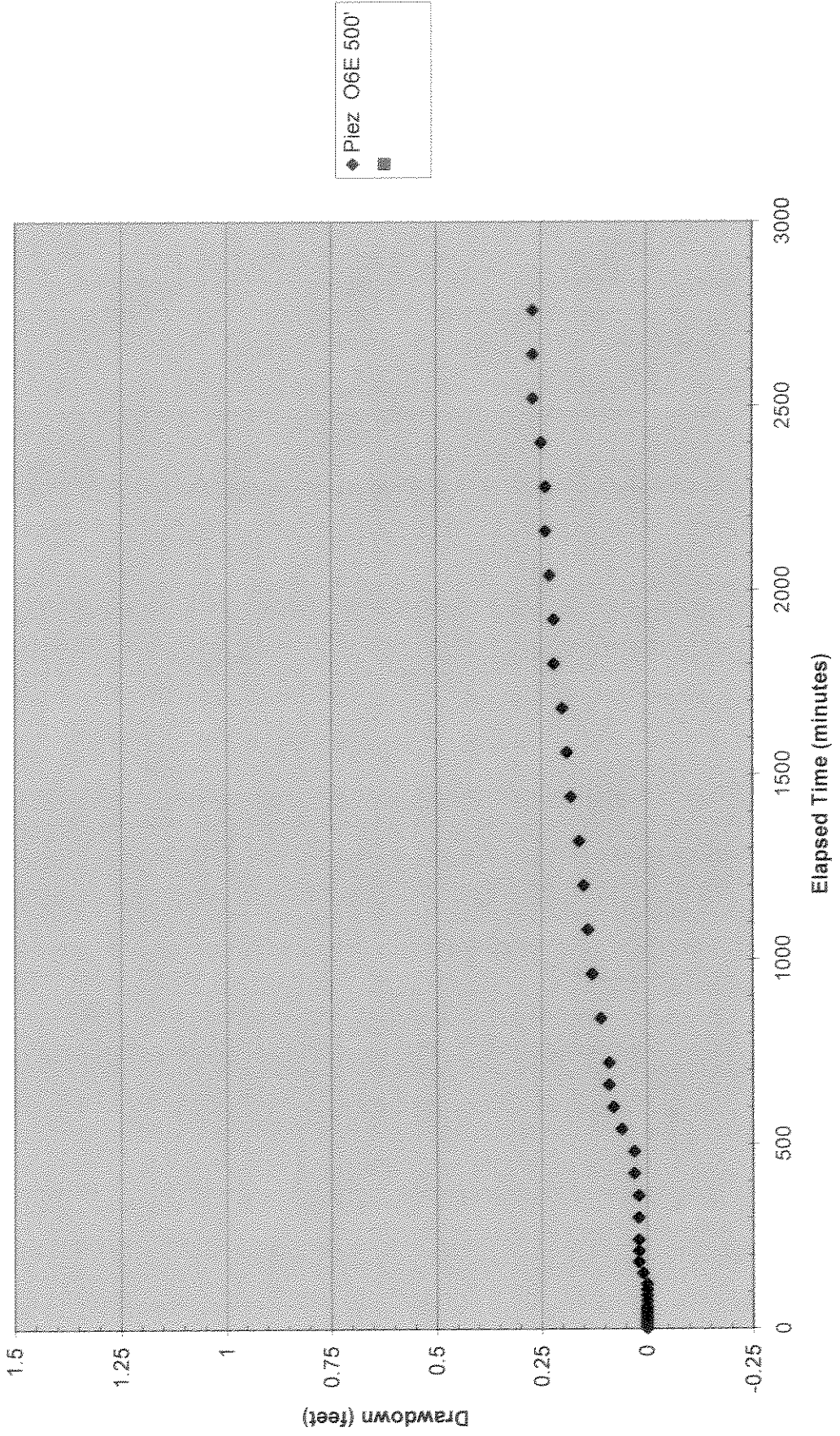
ZERO Reading Time:

ZERO Reading:

M-Scope	Date	Time	Reading
14643	3/6/06	1000	5.38
		1001	5.37
		1002	5.36
		1003	5.36
		1004	5.36
		1005	5.35
		1006	5.35
		1007	5.35
		1008	5.35
		1009	5.36
		1010	5.35
		1011	5.35
		1012	5.35
		1013	5.35
		1014	5.36
		1015	5.35
		1016	5.35
		1018	5.36
		1020	5.37
		1022	5.35
		1024	5.36
		1026	5.36
		1028	5.36
		1030	5.37
		1035	5.36
		1040	5.36
		1045	5.36
		1050	5.36
		1055	5.35
		1100	5.36
		1115	5.36
		1130	5.38
		1145	5.36
		1200	5.36
		1230	5.36

M-Scope	Date	Time	Reading
14643	3/6/06	1300	5.36
		1330	5.36
		1400	5.36
		1430	
		1500	
		1530	
		1600	
14644	3/6	1457	5.30
		1554	5.29
		1655	5.30
		1755	5.30
		1854	5.30
		1955	5.31
		2055	5.31
		2155	5.31
		2355	5.31
	3/7	0155	5.31
		0355	5.32
	3/7	0555	5.33
		0755	5.34
		0955	5.35
		1155	5.34
		1353	5.33
		1555	5.33
		1757	5.33
		1954	5.33
		2154	5.34
		2355	5.34
	3/8	0155	5.33
		0355	5.32
		0555	5.33
		0755	5.32

London Pump Test - DrawDown vs Time
Manual Readings - East Transect



L06E

LONDON CANAL PUMP TEST



Piezometer: O6E
 Elevation Top of Riser: Ft.
 Ground Surface Elevation: Ft.
 Piezometer Tip Elevation: Ft.
 Distance from Pump Well: 500 Ft.

Reader	TIME
C. Rome	10:00

Clock Time when Pump Started: 1000 AM

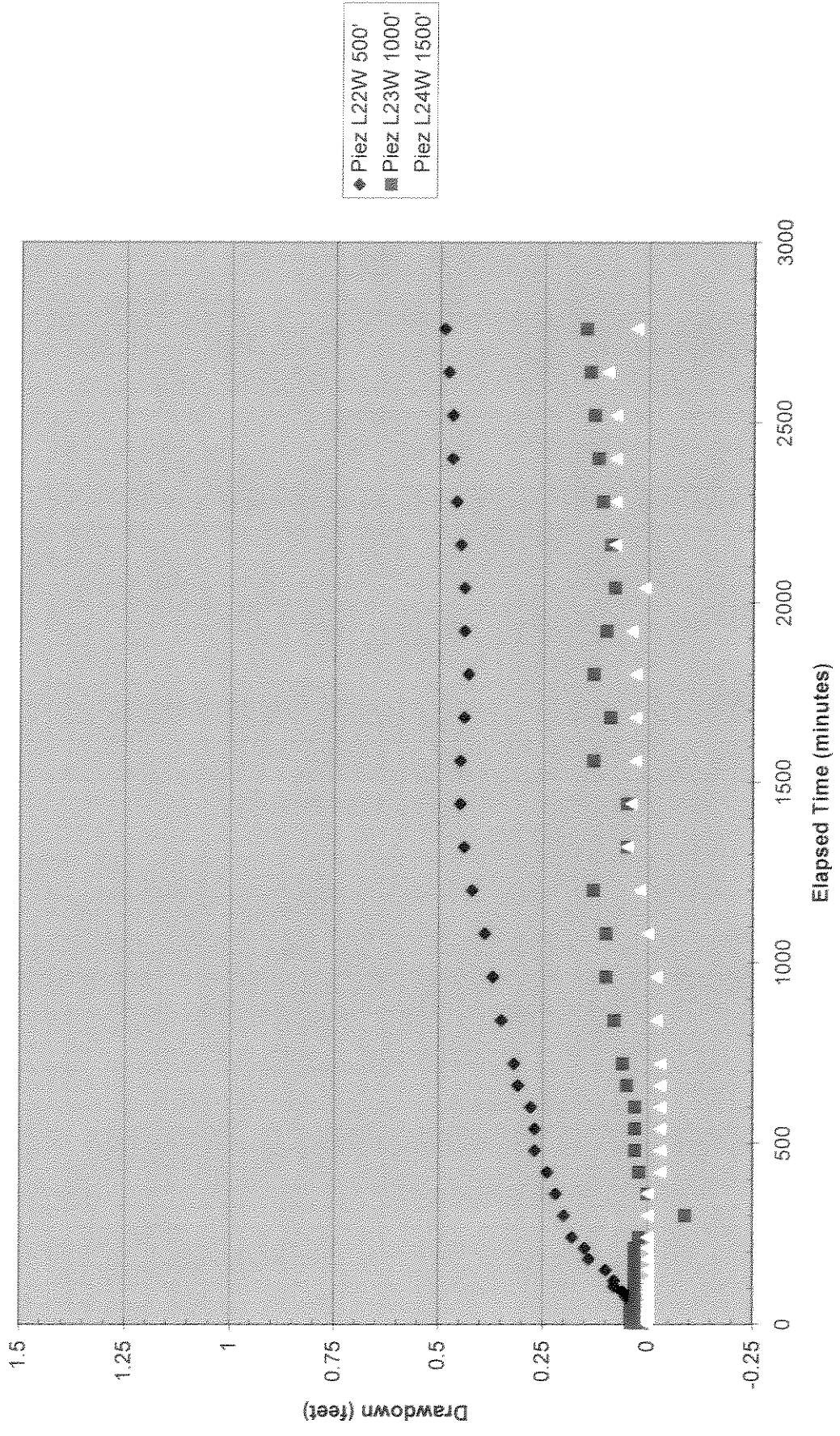
ZERO Reading Time: 0957

ZERO Reading: 14.86

M-Scope	Date	Time	Reading
09843	3/6/06	1000	14.86
		1001	14.86
		1002	14.86
		1003	14.86
		1004	14.86
		1005	14.86
		1006	14.86
		1007	14.86
		1008	14.86
		1009	14.86
		1010	14.86
		1011	14.86
		1012	14.86
		1013	14.86
		1014	14.86
		1015	14.86
		1016	14.86
		1018	14.86
		1020	14.86
		1022	14.86
		1024	14.86
		1026	14.86
		1028	14.86
		1030	14.86
		1035	14.86
		1040	14.86
		1045	14.86
		1050	14.86
		1055	14.86
		1100	14.86
		1115	14.86
		1130	14.86
		1145	14.86
		1200	14.86
		1230	14.87
		1300	14.88
		1330	14.88
		1400	14.88
		1430	14.88

M-Scope	Date	Time	Reading
09843	3/6/06	1500	14.88
		1600	14.88
		1700	14.89
		1800	14.89
		1900	14.92
		2000	14.94
		2100	14.95
		2200	14.95
		2400	14.97
	3/7/06	0200	14.99
		0400	15.00
		0600	15.01
		0800	15.02
		1000	15.04
		1200	15.05
		1400	15.06
		1600	15.08
		1800	15.08
		2000	15.09
		2200	15.10
		2400	15.10
	3/8/06	0200	15.11
		0400	15.13
		0600	15.13
		0800	15.13

London Pump Test - DrawDown vs Time Manual Readings - West Transect



Mel
CHRISTINA

2-4 hrs 30mins
after 4 hrs - 2 hrs
O22W

0-15 - 1 min.

15-30 - 2 mins

30-60 - 5 mins

60-120 15 mins

LONDON CANAL PUMP TEST

0-5 min

6:17
8:08

Piezometer: O22W
Elevation Top of Riser: Ft.
Ground Surface Elevation: Ft.
Piezometer Tip Elevation: Ft.
Distance from Pump Well: 500 Ft.

Reader	TIME

Clock Time when Pump Started: AM

14642 ZERO Reading Time:

ZERO Reading:

M-Scope	Date	Time	Reading
14642	6 March 06	10:00	6.20
		01	6.20
		02	6.20
		03	6.20
		04	6.20
		05	6.20
		06	6.20
		07	6.20
		08	6.20
		09	6.20
		10	6.20
		11	6.20
		12	6.20
		13	6.20
		14	6.20
		15	6.20
		17	6.20
		19	6.20
		21	6.20
		23	6.20
		25	6.20
		27	6.20
		29	6.20
		34	6.21
		39	6.21
		44	6.22
		49	6.23
		54	6.23
		59	6.23
		11:14	6.25
		29	6.26
		44	6.28
		59	6.28
		12:24	6.30
		59	6.34
		13:29	6.35
		13:59	6.38
		15:59	
		17:59	

M-Scope	Date	Time	Reading
	3/6	3:00	6.44
		3:58	6.47
		16:56	6.44
		17:53	6.47
		18:55	6.47
		19:59	6.48
		20:54	6.51
		21:53	6.52
		23:53	6.55
	3/7	01:53	6.57
		03:54	6.59
		05:50	6.62
		08:04	6.64
		10:02	6.65
		12:01	6.65
		14:01	6.64
		16:02	6.63
		18:01	6.64
		19:53	6.64
		21:50	6.65
		23:53	6.66
	3/8	01:54	6.67
		03:53	6.67
		05:54	6.68
		07:53	6.69

L
023W

M SCOPE 19125

LONDON CANAL PUMP TEST

Piezometer: **023W**
 Elevation Top of Riser: Ft.
 Ground Surface Elevation: Ft.
 Piezometer Tip Elevation: Ft.
 Distance from Pump Well: **1000** Ft.

Reader	TIME

Clock Time when Pump Started: AM

#205 ZERO Reading Time: **8.39**
 3/6/06

ZERO Reading: ~~8.39~~ **8.37**

M-Scope	Date	Time	Reading
10:00		8:39	8.39
10:01			8.41
10:02			8.42
10:03			8.42
10:04			8.43
10:05			8.43
10:06			8.43
10:07			8.43
10:08			8.43
10:09			8.43
10:10			8.43
10:11			8.43
10:12			8.43
10:13			8.43
10:14			8.43
10:15			8.43
10:16			8.43
10:18			8.42
10:20			8.43
10:22			8.43
10:24			8.42
10:26			8.42
10:28			8.42
10:30			8.42
		10:35	8.42
		10:40	8.43
		10:45	8.42
		10:50	8.42
		10:55	8.42
		11:00	8.42
		11:15	8.42
		11:30	8.42
		11:45	8.42
		12:00	8.42
		2:30	8.42
	1300	11:30	8.42
		1:30	8.42
		2:00	8.41

M-Scope	Date	Time	Reading
	3/6	3:04	8.3
		4:01	8.39
		1700	8.41
		1756	8.42
		1856	8.42
		1956	8.42
		2056	8.44
		2156	8.45
		2356	8.47
	3/7	0156	8.49
		0357	8.49
		0552	8.52
		0707	
		0801	8.44
		0959	8.44
		1159	8.52
		1358	8.48
		1600	8.52
		1758	8.49
		1955	8.47
		2153	8.48
		2355	8.50
	3/8	0156	8.51
		0356	8.52
		0553	8.53
		0756	8.54

8:11
 42

024W

MSCOPE
R02690

LONDON CANAL PUMP TEST

*Every Min 10-10:15
3 MINS 10:15-10:30
5 MINS 10:30-11:00
15 MINS 11:00-12:00
30 MINS 12:00-2:00*

5.650 8:14

Piezometer: **024W** Ft.
Elevation Top of Riser: _____ Ft.
Ground Surface Elevation: _____ Ft.
Piezometer Tip Elevation: _____ Ft.
Distance from Pump Well: **1500** Ft.

Reader	TIME
Brahm	

Clock Time when Pump Started: _____ AM

ZERO Reading Time: _____

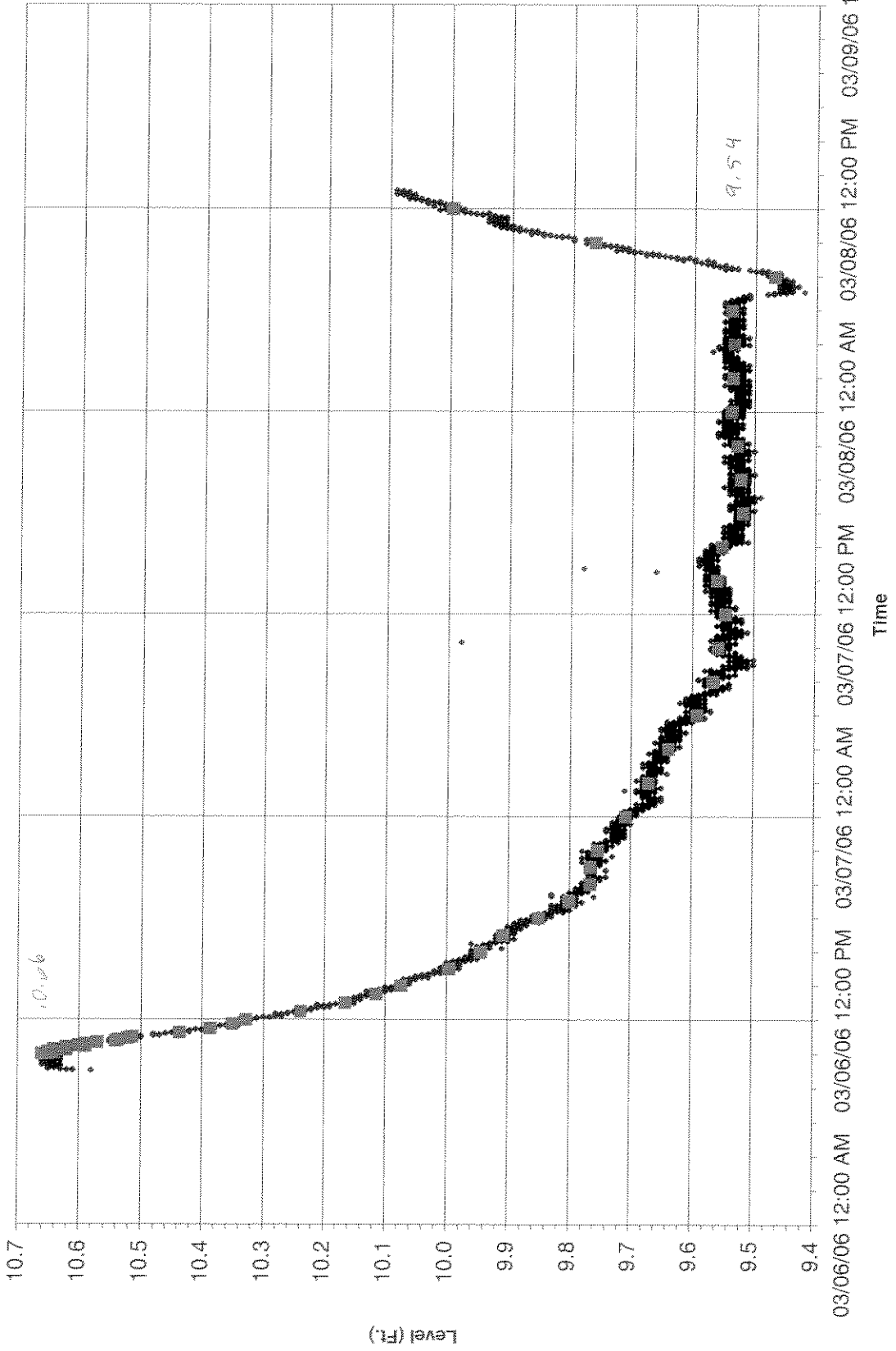
ZERO Reading: **7**

M-Scope	Date	Time	Reading
126	3/6	9:40	5.59
		9:49	5.59
		9:56	5.59
		1000	5.59
		1001	5.59
		1002	5.59
		1003	5.59
		1004	5.59
		1005	5.59
		1006	5.59
		1007	5.59
		1008	5.59
		1009	5.59
		1010	5.59
		1011	5.59
		1012	5.59
		1013	5.59
		1014	5.59
		1015	5.59
		1017	5.59
		1019	5.59
		1021	5.59
		1023	5.59
		1025	5.59
		1027	5.59
		1029	5.59
		1030	5.59
		1035	5.59
		1040	5.59
		1045	5.59
		1050	5.59
		1055	5.59
		1100	5.59
		1115	5.59
		1130	5.59
		1145	5.59
		1200	5.59
		1230	5.59
		1:00	5.59

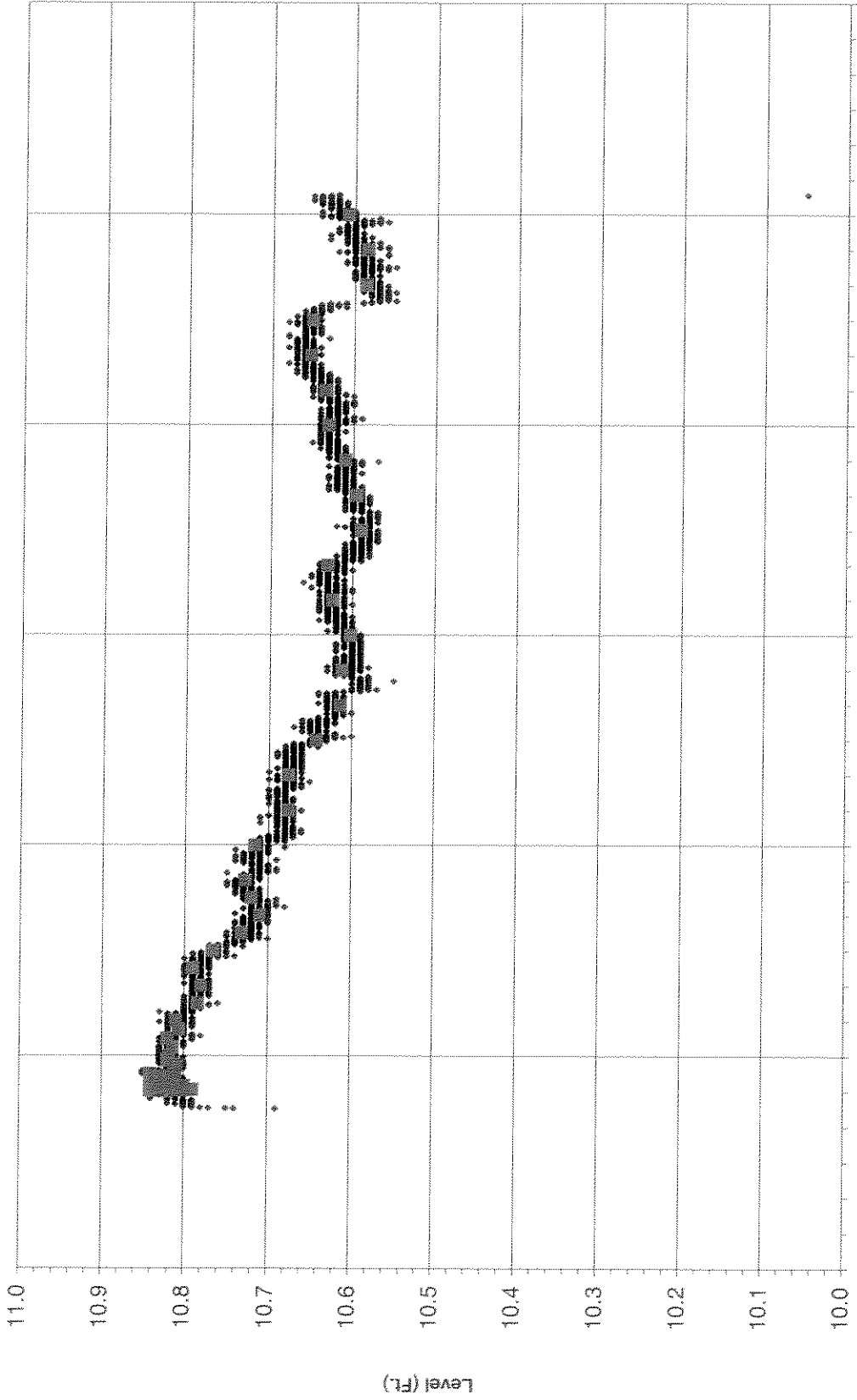
M-Scope	Date	Time	Reading
126	3/6	1:30	5.59
		2:00	5.59
		3:05	5.59
		4:05	5.59
		1703	5.56
		1800hrs	5.56
		1858hrs	5.56
		2000hrs	5.56
		2059hrs	5.56
		2158	5.56
		2358	5.57
	3/7	0158hrs	5.57
		0400hrs	5.59
		0556	5.61
		0756	5.64
		0956	5.63
		1156	5.62
		1356	5.62
		1556	5.62
		1755	5.63
		2000hrs	5.60
		2155	5.67
	3/8	2357	5.67
		0158hrs	5.67
		0358	5.67
		0557	5.69
		0759	5.62

Level Logger, Time-Drawdown Curves on Selected
Piezometers

L14N_Comp

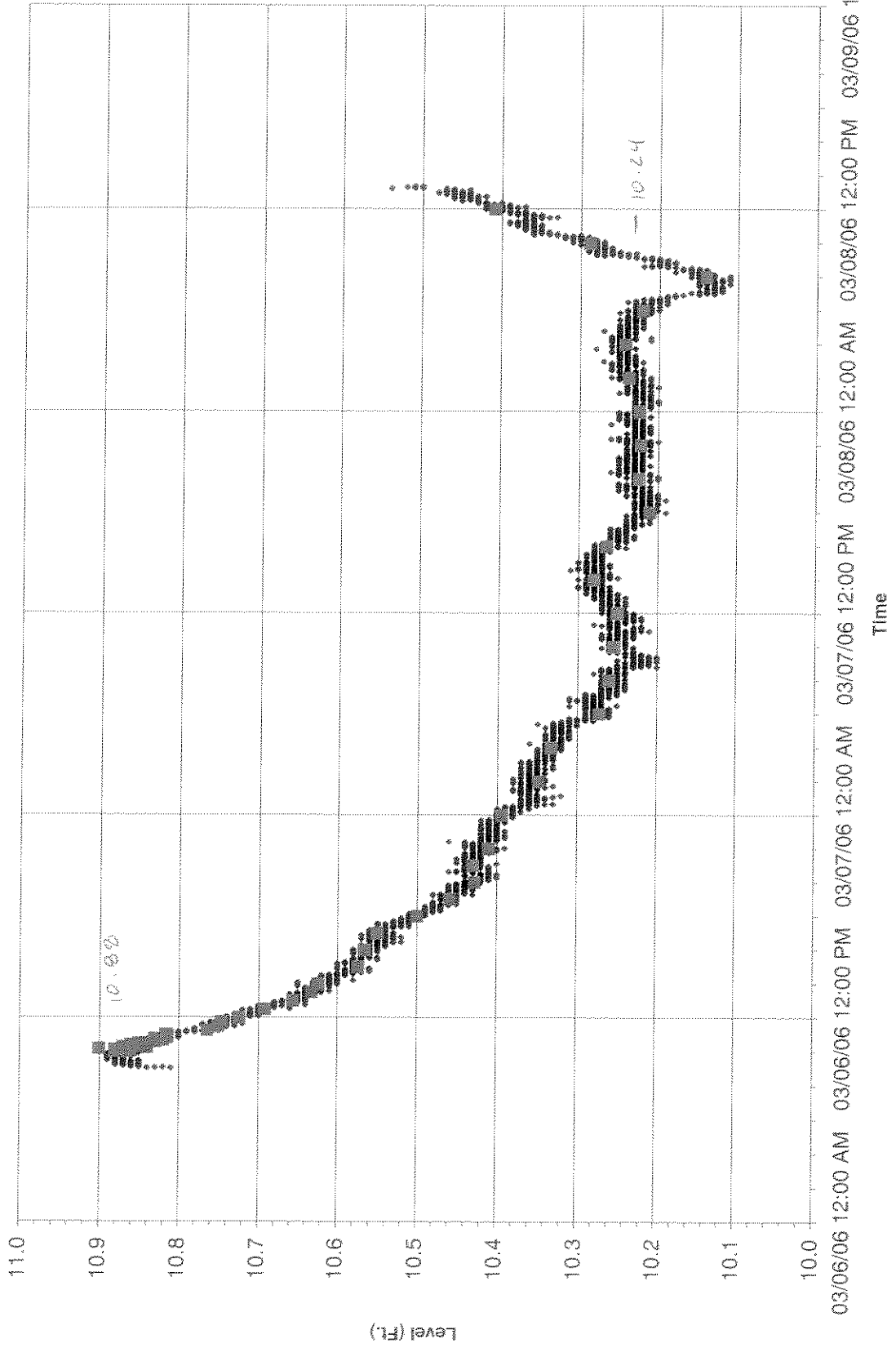


L15N_Comp

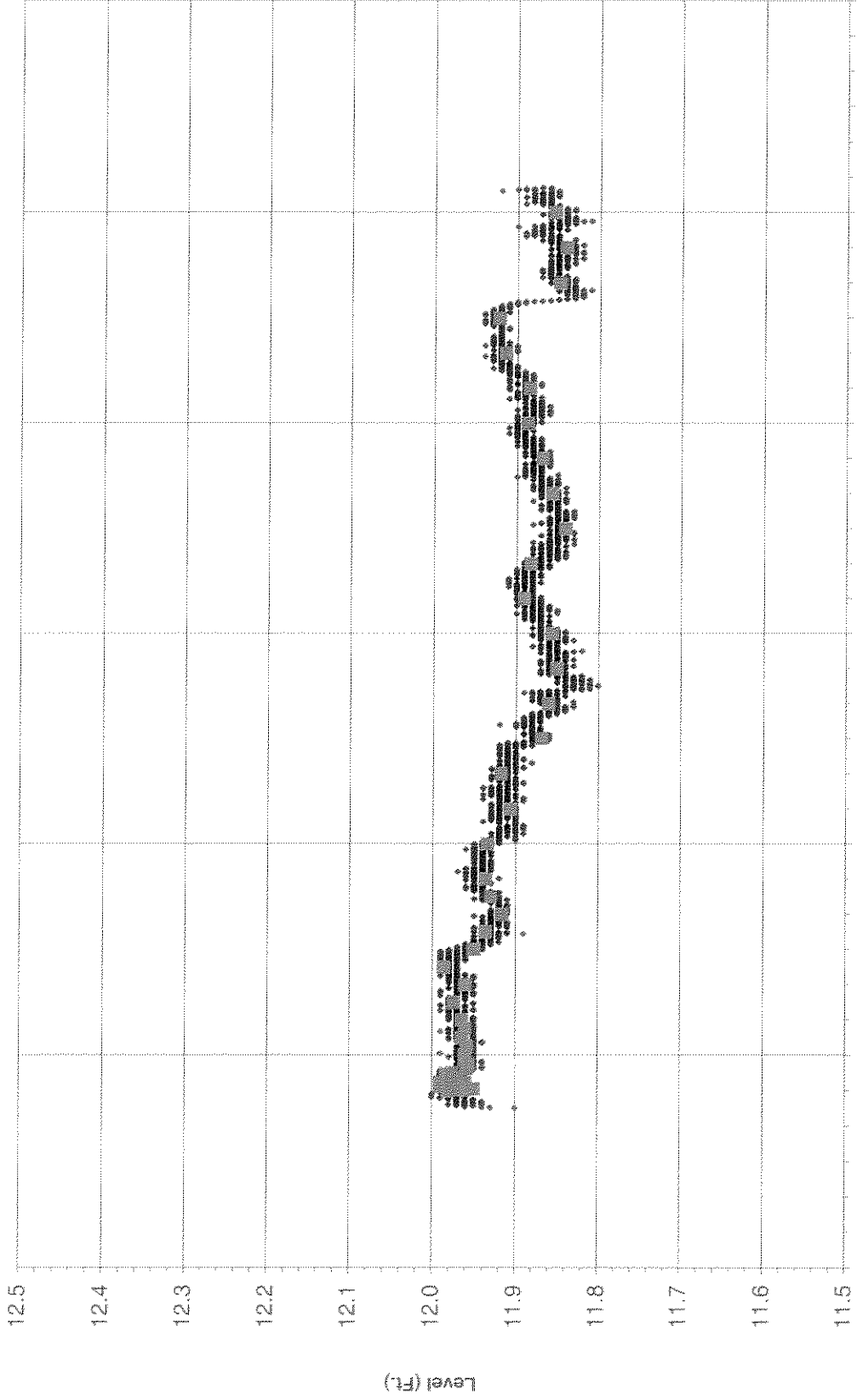


03/06/06 12:00 AM 03/06/06 12:00 PM 03/07/06 12:00 AM 03/07/06 12:00 PM 03/08/06 12:00 AM 03/08/06 12:00 PM 03/09/06 12:00 AM

L30S_Comp



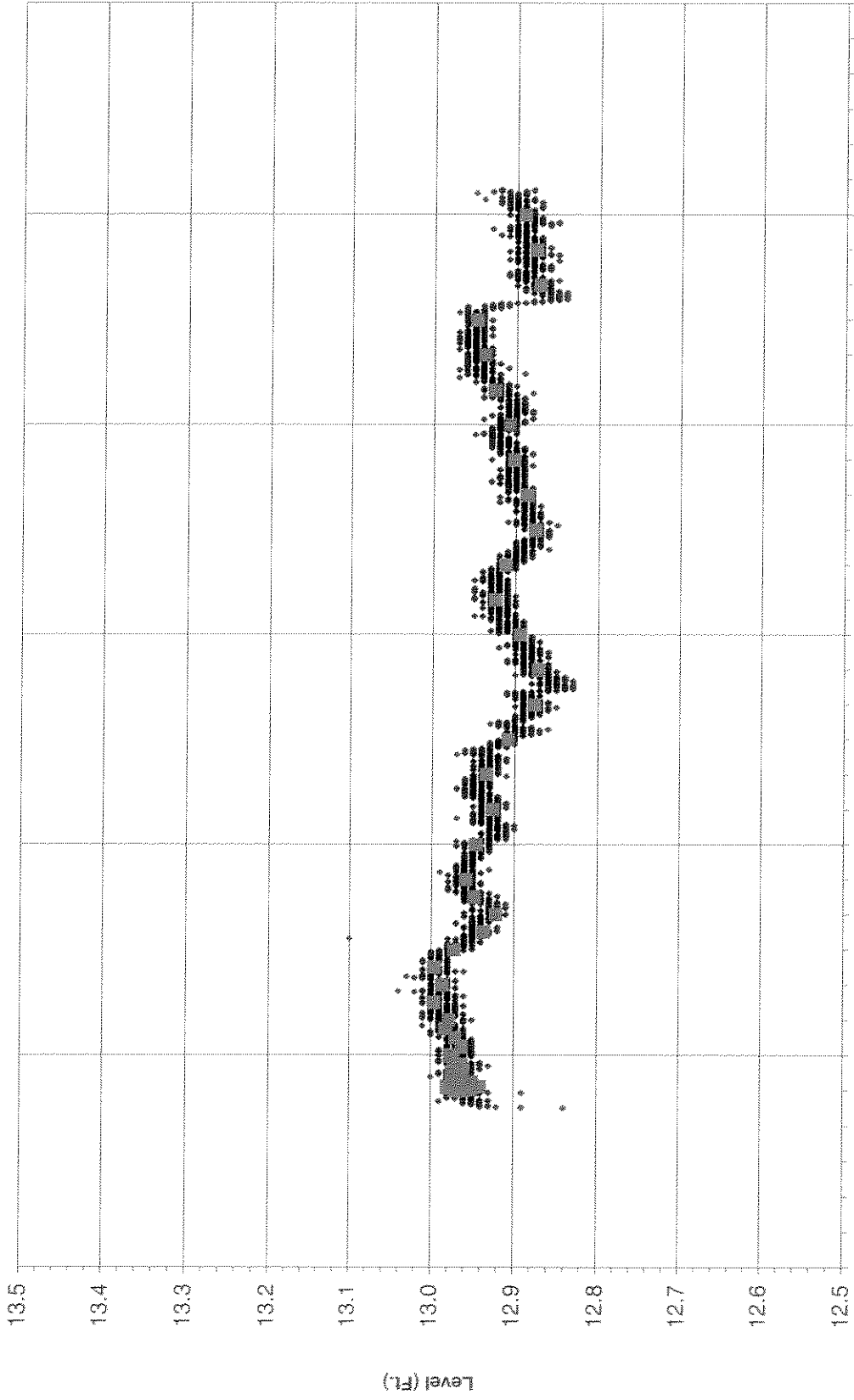
L31S_Comp



03/06/06 12:00 AM 03/06/06 12:00 PM 03/07/06 12:00 AM 03/07/06 12:00 PM 03/08/06 12:00 AM 03/08/06 12:00 PM 03/09/06 12:00 AM

Time

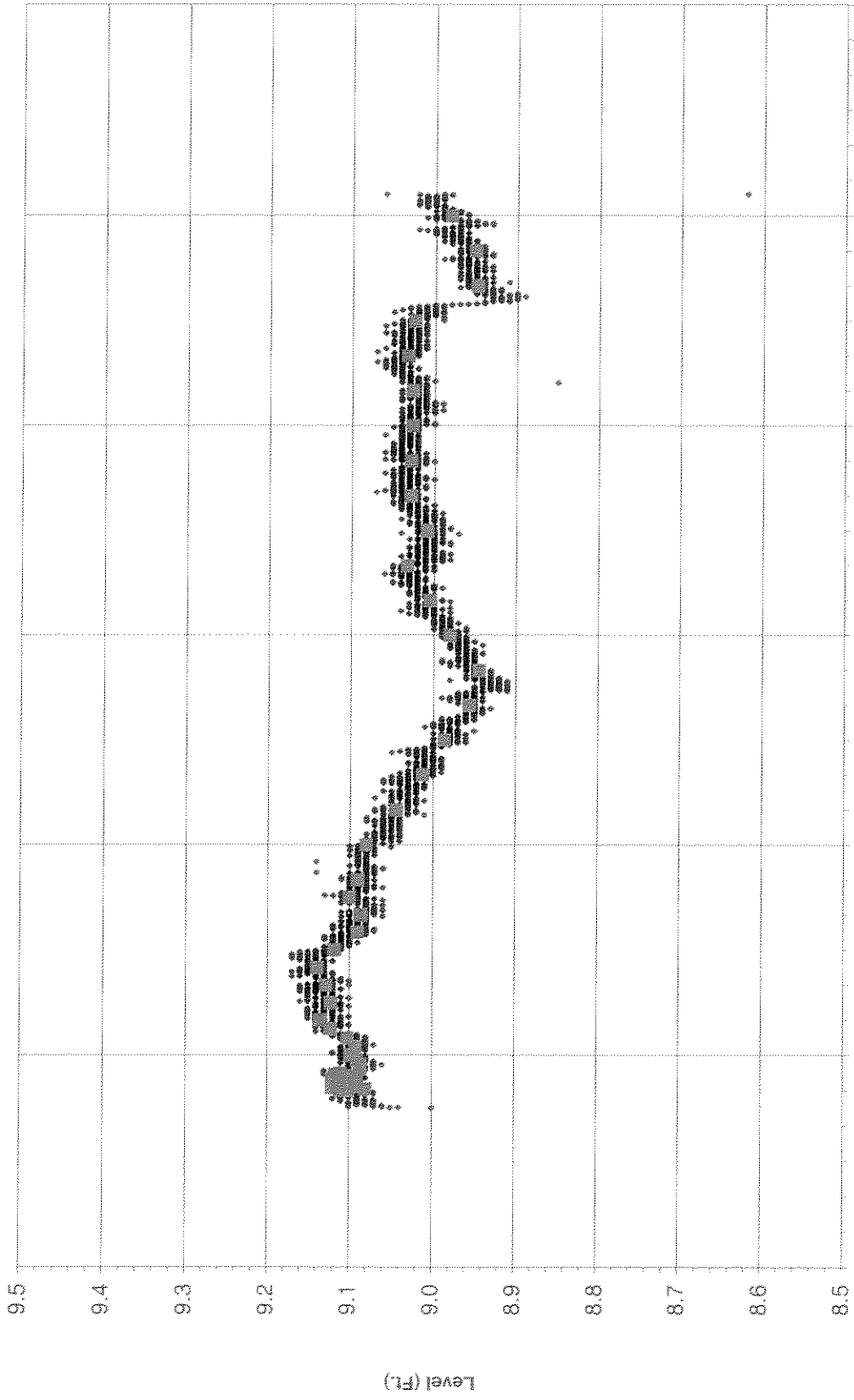
L32S_Comp



03/06/06 12:00 AM 03/06/06 12:00 PM 03/07/06 12:00 AM 03/07/06 12:00 PM 03/08/06 12:00 AM 03/08/06 12:00 PM 03/09/06 12:00 AM

Time

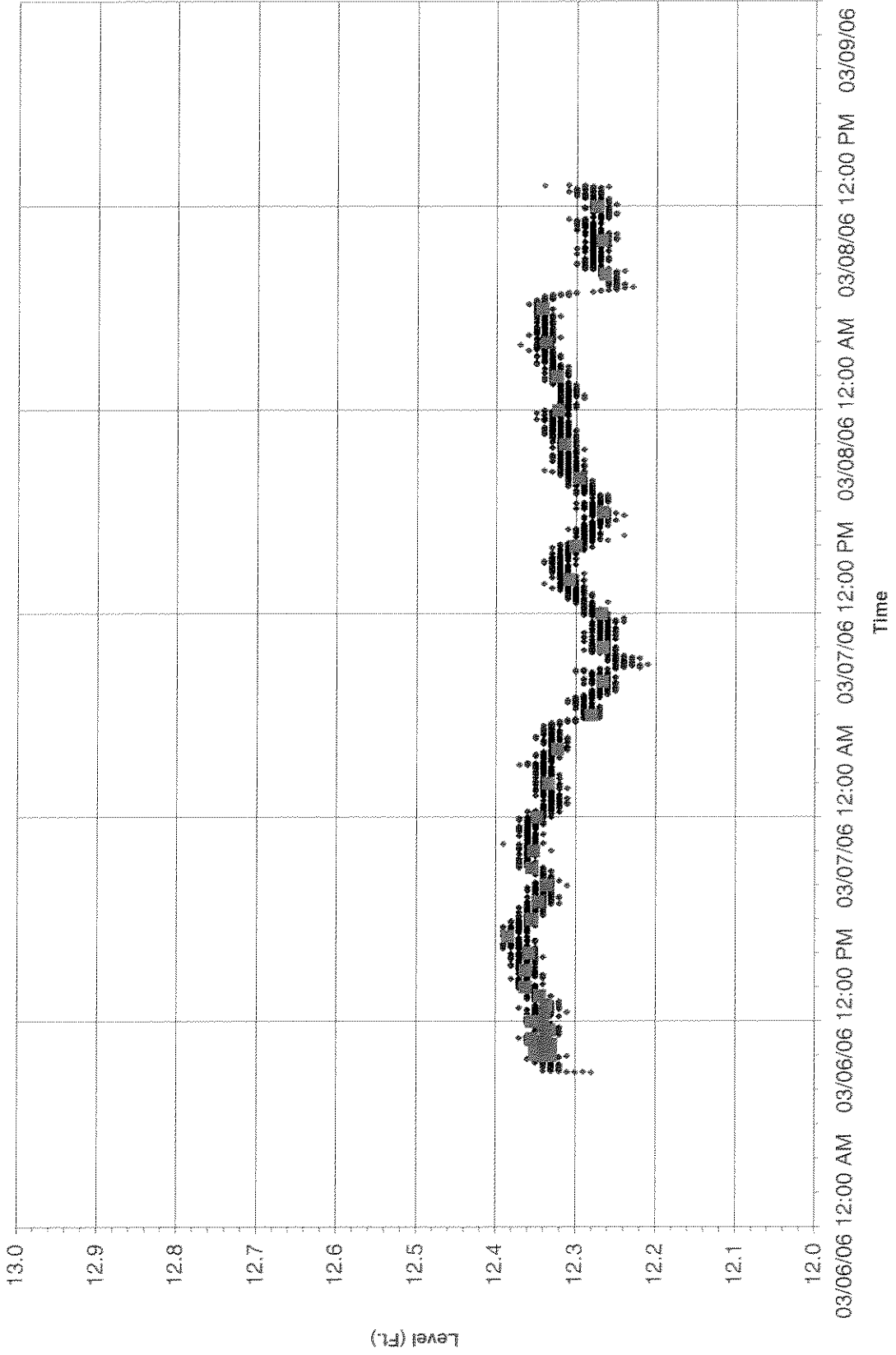
L23W_Comp



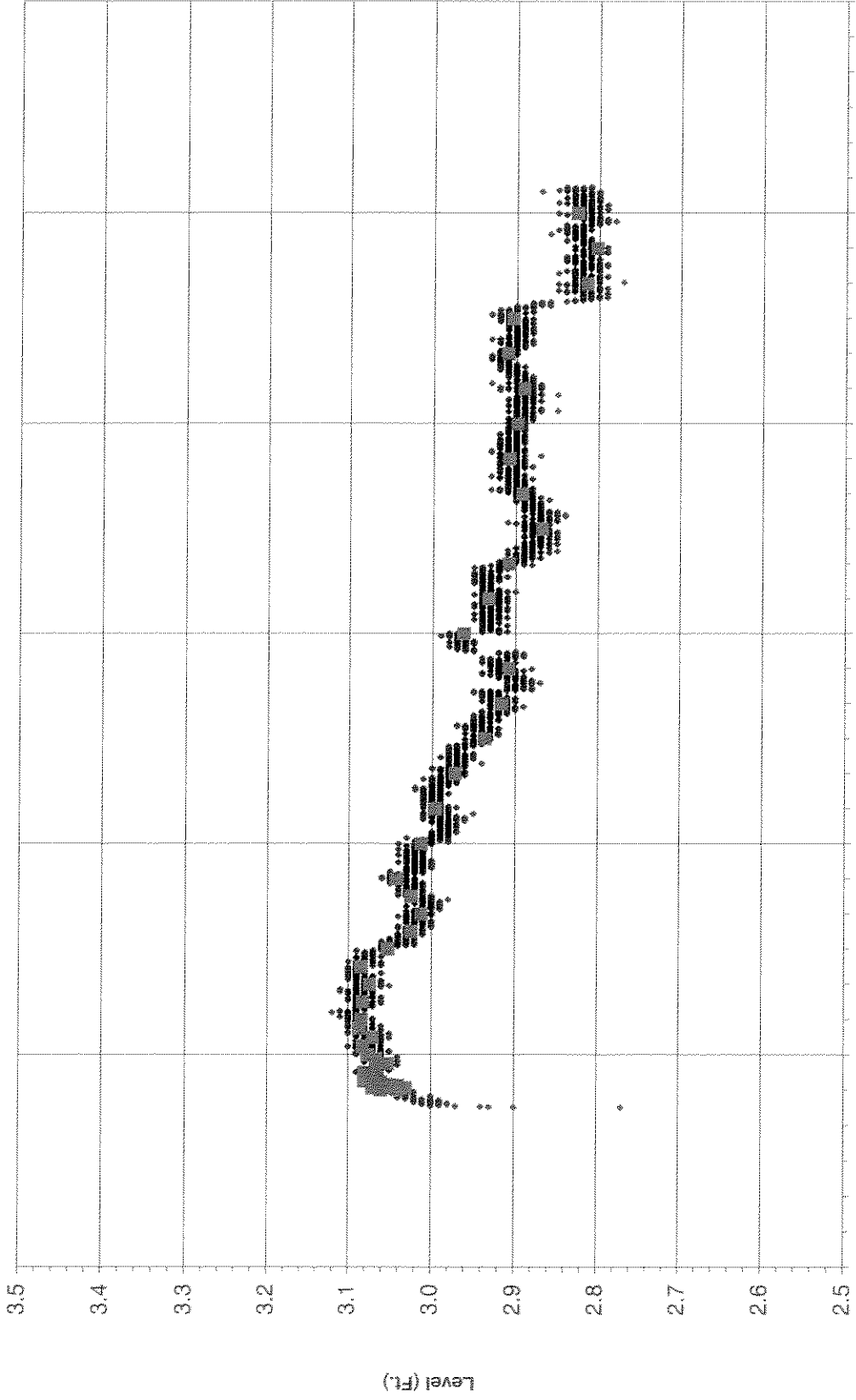
03/06/06 12:00 AM 03/06/06 12:00 PM 03/07/06 12:00 AM 03/07/06 12:00 PM 03/08/06 12:00 AM 03/08/06 12:00 PM 03/09/06 12:00 AM

Time

L24W_Camp



L6E_Comp



03/06/06 12:00 AM 03/06/06 12:00 PM 03/07/06 12:00 AM 03/07/06 12:00 PM 03/08/06 12:00 AM 03/08/06 12:00 PM 03/09/06 12:00 AM

Time