

Direct Penetrating Radiation as Measured by Electrets

New Mexico Environment Department, DOE Oversight Bureau, LANL Oversight Section

Calendar Quarter: Q32011

48th Street

149

SX3835 7/15/2011 5:11:00 PM 10/8/2011 6:40:00 PM # of Days Deployed: 85.1 Voltage Drop: 77

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.9 40631.5 24.7 50.4 **54.0**

SX3855 7/15/2011 5:11:00 PM 10/8/2011 6:40:00 PM # of Days Deployed: 85.1 Voltage Drop: 75

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.9 39586.7 24.0 49.0 **52.6**

SX3895 7/15/2011 5:11:00 PM 10/8/2011 6:40:00 PM # of Days Deployed: 85.1 Voltage Drop: 76

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.9 40109.1 24.3 49.7 **53.3**

Result in mRad is the Average of the Values: **53.3** Std of the Values: **0.6**

East Gate

East Gate

SX3758 7/15/2011 5:29:00 PM 10/8/2011 6:23:00 PM # of Days Deployed: 85.0 Voltage Drop: 66

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.29 1.9 34974.1 20.9 42.7 **45.8**

SX3877 7/15/2011 5:29:00 PM 10/8/2011 6:23:00 PM # of Days Deployed: 85.0 Voltage Drop: 71

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.29 1.8 38587.2 23.2 47.4 **50.8**

SX3893 7/15/2011 5:29:00 PM 10/8/2011 6:23:00 PM # of Days Deployed: 85.0 Voltage Drop: 69

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.29 1.9 37181.0 22.3 45.5 **48.9**

Result in mRad is the Average of the Values: **48.5** Std of the Values: **2.1**

East Gate HPIC Tower

East Gate HPIC Tower

ST2305 7/15/2011 5:37:00 PM 10/8/2011 6:07:00 PM # of Days Deployed: 85.0 Voltage Drop: 66

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.29 1.8 37304.3 22.5 45.8 **49.2**

SU7090 7/15/2011 5:37:00 PM 10/8/2011 6:07:00 PM # of Days Deployed: 85.0 Voltage Drop: 63

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.29 1.8 35282.4 21.2 43.2 **46.4**

SX4035 7/15/2011 5:37:00 PM 10/8/2011 6:07:00 PM # of Days Deployed: 85.0 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.29 1.8 36472.5 21.9 44.8 **48.0**

Result in mRad is the Average of the Values: **47.9** Std of the Values: **1.2**

Los Alamos Airport

114

SX3903 7/15/2011 10:50:00 AM 10/8/2011 6:14:00 PM # of Days Deployed: 85.3 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.8 34600.6 20.7 42.5 45.4

SX4042 7/15/2011 10:50:00 AM 10/8/2011 6:14:00 PM # of Days Deployed: 85.3 Voltage Drop: 60

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.8 33438.5 20.0 41.0 43.8

SX4093 7/15/2011 10:50:00 AM 10/8/2011 6:14:00 PM # of Days Deployed: 85.3 Voltage Drop: 59

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.8 33339.1 19.9 40.8 43.7

Result in mRad is the Average of the Values: 44.3 Std of the Values: 0.8

Los Alamos McDonalds

166

ST2423 7/15/2011 10:31:00 AM 10/8/2011 6:30:00 PM # of Days Deployed: 85.3 Voltage Drop: 66

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.8 36020.3 21.7 44.5 47.6

SX3850 7/15/2011 10:31:00 AM 10/8/2011 6:30:00 PM # of Days Deployed: 85.3 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.8 36916.2 22.3 45.7 48.9

SX4041 7/15/2011 10:31:00 AM 10/8/2011 6:30:00 PM # of Days Deployed: 85.3 Voltage Drop: 66

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.8 36509.0 22.1 45.2 48.3

Result in mRad is the Average of the Values: 48.3 Std of the Values: 0.5

Nazarene Church

Nazarene Church

SX3767 7/15/2011 1:03:00 PM 10/8/2011 6:44:00 PM # of Days Deployed: 85.2 Voltage Drop: 64

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.27 1.9 33858.3 19.8 40.5 43.3

SX3803 7/15/2011 1:03:00 PM 10/8/2011 6:44:00 PM # of Days Deployed: 85.2 Voltage Drop: 68

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.27 1.9 35984.3 21.1 43.2 46.2

Result in mRad is the Average of the Values: 44.8 Std of the Values: 1.4

Northern NM College

Northern NM College

SX3727 7/14/2011 10:00:00 AM 10/8/2011 6:47:00 PM # of Days Deployed: 86.4 Voltage Drop: 63

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.24 1.9 33426.4 18.8 39.0 41.2

SX3801 7/14/2011 10:00:00 AM 10/8/2011 6:47:00 PM # of Days Deployed: 86.4 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.24 1.9 34468.2 19.4 40.2 42.5

Northern NM College

Northern NM College

SX3839	7/14/2011 10:00:00 AM	10/8/2011 6:47:00 PM	# of Days Deployed:	86.4	Voltage Drop:	63
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.24	1.9	33445.3	18.8	39.0	41.2	

Result in mRad is the Average of the Values: **41.6** **Std of the Values:** **0.6**

Royal Crest Trailer Court

151

SX3837	7/15/2011 12:05:00 PM	10/8/2011 6:37:00 PM	# of Days Deployed:	85.3	Voltage Drop:	67
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.30	1.9	35345.3	21.3	43.6	46.7	

SX3837	7/15/2011 12:05:00 PM	10/8/2011 6:37:00 PM	# of Days Deployed:	85.3	Voltage Drop:	75
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.30	1.9	39607.9	24.0	49.1	52.6	

SX3846	7/15/2011 12:05:00 PM	10/8/2011 6:37:00 PM	# of Days Deployed:	85.3	Voltage Drop:	69
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.30	1.9	36371.5	22.0	44.9	48.1	

Result in mRad is the Average of the Values: **49.1** **Std of the Values:** **2.5**

Santa Fe Booster Station

Santa Fe Booster Station

SX3760	7/14/2011 8:51:00 AM	10/8/2011 6:50:00 PM	# of Days Deployed:	86.4	Voltage Drop:	59
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.28	1.9	30531.5	17.7	36.7	38.8	

SX3869	7/14/2011 8:51:00 AM	10/8/2011 6:50:00 PM	# of Days Deployed:	86.4	Voltage Drop:	69
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.28	1.9	35745.6	20.9	43.4	45.8	

SX3925	7/14/2011 8:51:00 AM	10/8/2011 6:50:00 PM	# of Days Deployed:	86.4	Voltage Drop:	65
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.28	1.9	33673.4	19.6	40.7	43.0	

Result in mRad is the Average of the Values: **42.5** **Std of the Values:** **2.9**

Well PM-1

137

SX3809	7/15/2011 11:17:00 AM	10/8/2011 6:18:00 PM	# of Days Deployed:	85.3	Voltage Drop:	78
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.27	1.8	42933.5	25.4	52.0	55.7	

SX3851	7/15/2011 11:17:00 AM	10/8/2011 6:18:00 PM	# of Days Deployed:	85.3	Voltage Drop:	74
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.27	1.8	40715.4	24.0	49.2	52.6	

SX3854	7/15/2011 11:17:00 AM	10/8/2011 6:18:00 PM	# of Days Deployed:	85.3	Voltage Drop:	73
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.27	1.8	40157.1	23.7	48.5	51.9	

Well PM-1

137

Result in mRad is the Average of the Values:

53.4

Std of the Values:

1.6

White Rock Fire Station

167

SX3858 7/15/2011 11:45:00 AM 10/8/2011 6:26:00 PM # of Days Deployed: 85.3 Voltage Drop: 67

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.26	1.9	35411.7	20.7	42.4	45.3

SX3916 7/15/2011 11:45:00 AM 10/8/2011 6:26:00 PM # of Days Deployed: 85.3 Voltage Drop: 65

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.26	1.9	34308.4	20.0	41.0	43.8

SX3926 7/15/2011 11:45:00 AM 10/8/2011 6:26:00 PM # of Days Deployed: 85.3 Voltage Drop: 69

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.26	1.9	36528.5	21.4	43.8	46.8

Result in mRad is the Average of the Values:

45.3

Std of the Values:

1.2

Friday, July 15, 2016

2:59:53 PM