

Direct Penetrating Radiation as Measured by Electrets

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

Calendar Quarter: Q32009

48th Street

149

SX3731	7/7/2009 3:15:00 PM	10/7/2009 2:47:00 PM	# of Days Deployed:	92.0	Voltage Drop:	83
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.29	1.9	44151.0	24.7	54.4	54.0	
SX3740	7/7/2009 3:15:00 PM	10/7/2009 2:47:00 PM	# of Days Deployed:	92.0	Voltage Drop:	79
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.29	1.9	41642.7	23.2	51.2	50.8	
SX3777	7/7/2009 3:15:00 PM	10/7/2009 2:47:00 PM	# of Days Deployed:	92.0	Voltage Drop:	81
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.29	1.9	43062.4	24.0	53.0	52.6	

Result in mRad is the Average of the Values: **52.5** Std of the Values: **1.3**

East Gate

East Gate

SX3742	7/7/2009 4:41:00 PM	10/7/2009 5:09:00 PM	# of Days Deployed:	92.0	Voltage Drop:	72
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.28	1.8	39828.0	21.9	48.5	48.1	
SX3762	7/7/2009 4:41:00 PM	10/7/2009 5:09:00 PM	# of Days Deployed:	92.0	Voltage Drop:	72
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.28	1.8	39930.6	22.0	48.6	48.2	
SX3808	7/7/2009 4:41:00 PM	10/7/2009 5:09:00 PM	# of Days Deployed:	92.0	Voltage Drop:	72
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.28	1.8	39695.5	21.9	48.3	47.9	

Result in mRad is the Average of the Values: **48.0** Std of the Values: **0.1**

East Gate HPIC Tower

East Gate HPIC Tower

SCW185	7/7/2009 4:49:00 PM	10/7/2009 5:19:00 PM	# of Days Deployed:	92.0	Voltage Drop:	90
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.29	2.0	45265.4	25.3	56.0	55.5	
SCW188	7/7/2009 4:49:00 PM	10/7/2009 5:19:00 PM	# of Days Deployed:	92.0	Voltage Drop:	83
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.29	2.0	41524.0	23.2	51.1	50.7	
SCW276	7/7/2009 4:49:00 PM	10/7/2009 5:19:00 PM	# of Days Deployed:	92.0	Voltage Drop:	94
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.29	2.0	47185.8	26.5	58.5	58.0	

Result in mRad is the Average of the Values: **54.7** Std of the Values: **3.0**

Los Alamos Airport

114

SX3724 7/7/2009 4:31:00 PM 10/7/2009 5:33:00 PM # of Days Deployed: 92.0 Voltage Drop: 70

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.9 37738.5 21.0 46.4 46.0

SX3826 7/7/2009 4:31:00 PM 10/7/2009 5:33:00 PM # of Days Deployed: 92.0 Voltage Drop: 70

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.9 37676.8 21.0 46.3 45.9

SX3924 7/7/2009 4:31:00 PM 10/7/2009 5:33:00 PM # of Days Deployed: 92.0 Voltage Drop: 68

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 1.9 36541.5 20.3 44.9 44.5

Result in mRad is the Average of the Values: 45.5 Std of the Values: 0.7

Los Alamos McDonalds

166

SCW225 7/7/2009 3:52:00 PM 10/7/2009 12:00:00 PM # of Days Deployed: 91.8 Voltage Drop: 77

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 2.0 38582.1 21.5 47.5 47.2

SCW346 7/7/2009 3:52:00 PM 10/7/2009 12:00:00 PM # of Days Deployed: 91.8 Voltage Drop: 80

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 2.0 40126.3 22.4 49.5 49.1

SFC130 7/7/2009 3:52:00 PM 10/7/2009 12:00:00 PM # of Days Deployed: 91.8 Voltage Drop: 82

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.30 2.0 41228.4 23.1 50.9 50.6

Result in mRad is the Average of the Values: 49.0 Std of the Values: 1.4

Nazarene Church

Nazarene Church

SX3750 7/7/2009 5:28:00 PM 10/7/2009 4:00:00 PM # of Days Deployed: 91.9 Voltage Drop: 70

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.26 1.9 37463.6 20.2 44.6 44.2

SX3860 7/7/2009 5:28:00 PM 10/7/2009 4:00:00 PM # of Days Deployed: 91.9 Voltage Drop: 70

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.26 1.9 37219.7 20.1 44.3 43.9

SX3901 7/7/2009 5:28:00 PM 10/7/2009 4:00:00 PM # of Days Deployed: 91.9 Voltage Drop: 70

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.26 1.9 37317.4 20.1 44.4 44.1

Result in mRad is the Average of the Values: 44.1 Std of the Values: 0.1

Northern NM College

Northern NM College

SX3778 7/9/2009 1:06:00 PM 10/8/2009 1:29:00 PM # of Days Deployed: 91.0 Voltage Drop: 63

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 1.8 34389.4 18.2 39.9 40.0

Northern NM College

Northern NM College

SX3800 7/9/2009 1:06:00 PM 10/8/2009 1:29:00 PM # of Days Deployed: 91.0 Voltage Drop: 74

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.23 1.9 39235.3 21.0 45.8 **45.9**

SX3817 7/9/2009 1:06:00 PM 10/8/2009 1:29:00 PM # of Days Deployed: 91.0 Voltage Drop: 63

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.23 1.8 34084.4 18.1 39.5 **39.6**

SX3840 7/9/2009 1:06:00 PM 10/8/2009 1:29:00 PM # of Days Deployed: 91.0 Voltage Drop: 72

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.23 1.9 38038.9 20.3 44.4 **44.5**

SX3853 7/9/2009 1:06:00 PM 10/8/2009 1:29:00 PM # of Days Deployed: 91.0 Voltage Drop: 72

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.23 1.9 38080.2 20.3 44.4 **44.5**

Result in mRad is the Average of the Values: 42.9 Std of the Values: 2.6

Pueblo above SR-502 E060

Pueblo above SR-502 E060

SX3830 7/9/2009 12:21:00 PM 10/7/2009 4:50:00 PM # of Days Deployed: 90.2 Voltage Drop: 81

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.25 1.9 43074.7 23.7 51.4 **52.0**

SX3857 7/9/2009 12:21:00 PM 10/7/2009 4:50:00 PM # of Days Deployed: 90.2 Voltage Drop: 82

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.25 1.9 43663.4 24.1 52.1 **52.7**

SX3897 7/9/2009 12:21:00 PM 10/7/2009 4:50:00 PM # of Days Deployed: 90.2 Voltage Drop: 79

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.25 1.9 42146.5 23.2 50.2 **50.8**

Result in mRad is the Average of the Values: 51.8 Std of the Values: 0.8

Royal Crest Trailer Court

151

SX3732 7/7/2009 6:11:00 PM 10/7/2009 6:11:00 PM # of Days Deployed: 92.0 Voltage Drop: 75

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.30 1.9 39586.7 22.1 48.8 **48.4**

SX3739 7/7/2009 6:11:00 PM 10/7/2009 6:11:00 PM # of Days Deployed: 92.0 Voltage Drop: 72

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.30 1.9 37918.0 21.1 46.7 **46.3**

SX3781 7/7/2009 6:11:00 PM 10/7/2009 6:11:00 PM # of Days Deployed: 92.0 Voltage Drop: 72

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.30 1.9 38018.5 21.2 46.8 **46.4**

Result in mRad is the Average of the Values: 47.0 Std of the Values: 1.0

Santa Fe Booster Station

Santa Fe Booster Station

SX3728 7/10/2009 11:18:00 AM 10/8/2009 2:46:00 PM # of Days Deployed: 90.1 Voltage Drop: 65
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.28 1.8 35507.6 19.8 42.8 **43.4**

SX3763 7/10/2009 11:18:00 AM 10/8/2009 2:46:00 PM # of Days Deployed: 90.1 Voltage Drop: 66
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.28 1.8 36198.9 20.2 43.7 **44.3**

SX3825 7/10/2009 11:18:00 AM 10/8/2009 2:46:00 PM # of Days Deployed: 90.1 Voltage Drop: 63
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.28 1.8 35419.6 19.8 42.7 **43.3**

SX3834 7/10/2009 11:18:00 AM 10/8/2009 2:46:00 PM # of Days Deployed: 90.1 Voltage Drop: 63
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.28 1.8 34190.9 19.0 41.2 **41.7**

SX3906 7/10/2009 11:18:00 AM 10/8/2009 2:46:00 PM # of Days Deployed: 90.1 Voltage Drop: 64
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.28 1.8 35973.0 20.1 43.4 **44.0**

Result in mRad is the Average of the Values: 43.3 Std of the Values: 0.9

Well PM-1

137

SBC903 7/7/2009 5:12:00 PM 10/7/2009 3:26:00 PM # of Days Deployed: 91.9 Voltage Drop: 79
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.26 1.9 42486.6 23.2 51.2 **50.8**

SX3810 7/7/2009 5:12:00 PM 10/7/2009 3:26:00 PM # of Days Deployed: 91.9 Voltage Drop: 84
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.26 1.9 45331.2 24.8 54.8 **54.4**

SX3890 7/7/2009 5:12:00 PM 10/7/2009 3:26:00 PM # of Days Deployed: 91.9 Voltage Drop: 84
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.26 1.9 44612.7 24.4 53.9 **53.5**

Result in mRad is the Average of the Values: 52.9 Std of the Values: 1.5

White Rock Fire Station

167

SX3737 7/7/2009 5:45:00 PM 10/7/2009 3:40:00 PM # of Days Deployed: 91.9 Voltage Drop: 70
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.27 1.9 37713.7 20.6 45.4 **45.1**

SX3802 7/7/2009 5:45:00 PM 10/7/2009 3:40:00 PM # of Days Deployed: 91.9 Voltage Drop: 68
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.27 1.9 36624.2 20.0 44.1 **43.7**

SX3919 7/7/2009 5:45:00 PM 10/7/2009 3:40:00 PM # of Days Deployed: 91.9 Voltage Drop: 70
 TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.27 1.9 37592.3 20.5 45.3 **45.0**

White Rock Fire Station

167

Result in mRad is the Average of the Values:

44.6

Std of the Values:

0.6

Friday, July 15, 2016

9:00:01 AM