

Direct Penetrating Radiation as Measured by Electrets

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

Calendar Quarter: Q42009

48th Street

149

SX3731	10/7/2009 2:47:00 PM	1/5/2010 1:56:00 PM	# of Days Deployed:	90.0	Voltage Drop:	74
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.8	40386.4	21.8	47.0	47.6	
SX3740	10/7/2009 2:47:00 PM	1/5/2010 1:56:00 PM	# of Days Deployed:	90.0	Voltage Drop:	70
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.9	37713.7	20.2	43.7	44.3	
SX3777	10/7/2009 2:47:00 PM	1/5/2010 1:56:00 PM	# of Days Deployed:	90.0	Voltage Drop:	72
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.8	39236.9	21.1	45.6	46.2	

Result in mRad is the Average of the Values: **46.1** Std of the Values: **1.4**

East Gate

East Gate

SX3752	10/7/2009 5:09:00 PM	1/5/2010 11:58:00 AM	# of Days Deployed:	89.8	Voltage Drop:	73
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.21	1.9	38831.6	20.6	44.5	45.2	
SX3820	10/7/2009 5:09:00 PM	1/5/2010 11:58:00 AM	# of Days Deployed:	89.8	Voltage Drop:	73
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.21	1.9	38842.9	20.6	44.5	45.2	
SX3907	10/7/2009 5:09:00 PM	1/5/2010 11:58:00 AM	# of Days Deployed:	89.8	Voltage Drop:	75
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.21	1.9	39861.1	21.2	45.7	46.5	

Result in mRad is the Average of the Values: **45.6** Std of the Values: **0.6**

East Gate HPIC Tower

East Gate HPIC Tower

SCW185	10/7/2009 5:19:00 PM	1/5/2010 12:09:00 PM	# of Days Deployed:	89.8	Voltage Drop:	80
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	2.0	40841.6	22.0	47.3	48.1	
SCW188	10/7/2009 5:19:00 PM	1/5/2010 12:09:00 PM	# of Days Deployed:	89.8	Voltage Drop:	72
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	2.0	36482.9	19.5	42.0	42.7	
SCW276	10/7/2009 5:19:00 PM	1/5/2010 12:09:00 PM	# of Days Deployed:	89.8	Voltage Drop:	78
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	2.0	39738.2	21.3	46.0	46.7	

Result in mRad is the Average of the Values: **45.8** Std of the Values: **2.3**

Los Alamos Airport

114

SX3724 10/7/2009 5:33:00 PM 1/5/2010 3:29:00 PM # of Days Deployed: 89.9 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 1.8 37054.3 20.0 43.2 43.8

SX3826 10/7/2009 5:33:00 PM 1/5/2010 3:29:00 PM # of Days Deployed: 89.9 Voltage Drop: 66

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 1.8 36417.5 19.7 42.4 43.0

SX3924 10/7/2009 5:33:00 PM 1/5/2010 3:29:00 PM # of Days Deployed: 89.9 Voltage Drop: 68

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 1.8 37444.4 20.2 43.7 44.3

Result in mRad is the Average of the Values: 43.7 Std of the Values: 0.5

Los Alamos McDonalds

166

SCW225 10/7/2009 12:00:00 PM 1/5/2010 3:03:00 PM # of Days Deployed: 90.1 Voltage Drop: 78

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 2.0 39593.3 21.4 46.4 46.9

SCW346 10/7/2009 12:00:00 PM 1/5/2010 3:03:00 PM # of Days Deployed: 90.1 Voltage Drop: 80

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 2.0 40674.6 22.1 47.7 48.3

SFC130 10/7/2009 12:00:00 PM 1/5/2010 3:03:00 PM # of Days Deployed: 90.1 Voltage Drop: 83

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 2.0 42337.0 23.0 49.7 50.4

Result in mRad is the Average of the Values: 48.5 Std of the Values: 1.4

Nazarene Church

Nazarene Church

SX3750 10/7/2009 4:00:00 PM 1/5/2010 4:36:00 PM # of Days Deployed: 90.0 Voltage Drop: 71

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.18 1.8 38933.7 20.1 43.5 44.1

SX3860 10/7/2009 4:00:00 PM 1/5/2010 4:36:00 PM # of Days Deployed: 90.0 Voltage Drop: 69

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.18 1.8 37513.6 19.4 41.8 42.4

SX3901 10/7/2009 4:00:00 PM 1/5/2010 4:36:00 PM # of Days Deployed: 90.0 Voltage Drop: 70

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.18 1.8 38189.1 19.7 42.6 43.2

Result in mRad is the Average of the Values: 43.2 Std of the Values: 0.7

Northern NM College

Northern NM College

SX3778 10/8/2009 1:29:00 PM 1/6/2010 9:27:00 AM # of Days Deployed: 89.8 Voltage Drop: 61

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.15 1.8 34178.6 17.2 37.0 37.6

Northern NM College

Northern NM College

SX3800 10/8/2009 1:29:00 PM 1/6/2010 9:27:00 AM # of Days Deployed: 89.8 Voltage Drop: 70

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.15 1.8 37956.6 19.2 41.4 **42.0**

SX3817 10/8/2009 1:29:00 PM 1/6/2010 9:27:00 AM # of Days Deployed: 89.8 Voltage Drop: 60

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.15 1.8 33232.4 16.7 35.9 **36.5**

SX3840 10/8/2009 1:29:00 PM 1/6/2010 9:27:00 AM # of Days Deployed: 89.8 Voltage Drop: 69

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.15 1.9 37230.1 18.8 40.5 **41.2**

SX3853 10/8/2009 1:29:00 PM 1/6/2010 9:27:00 AM # of Days Deployed: 89.8 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.15 1.9 36187.2 18.2 39.3 **40.0**

Result in mRad is the Average of the Values: 39.5 Std of the Values: 2.1

Pueblo above SR-502 E060

Pueblo above SR-502 E060

SX3830 10/7/2009 4:50:00 PM 1/5/2010 11:38:00 AM # of Days Deployed: 89.8 Voltage Drop: 80

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.17 1.8 43677.2 22.6 48.8 **49.6**

SX3857 10/7/2009 4:50:00 PM 1/5/2010 11:38:00 AM # of Days Deployed: 89.8 Voltage Drop: 81

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.17 1.8 44314.9 23.0 49.5 **50.3**

SX3897 10/7/2009 4:50:00 PM 1/5/2010 11:38:00 AM # of Days Deployed: 89.8 Voltage Drop: 78

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.17 1.8 42730.8 22.1 47.7 **48.4**

Result in mRad is the Average of the Values: 49.4 Std of the Values: 0.8

Royal Crest Trailer Court

151

SX3732 10/7/2009 6:11:00 PM 1/5/2010 5:07:00 PM # of Days Deployed: 90.0 Voltage Drop: 71

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.23 1.9 38296.5 20.7 44.7 **45.3**

SX3739 10/7/2009 6:11:00 PM 1/5/2010 5:07:00 PM # of Days Deployed: 90.0 Voltage Drop: 69

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.23 1.9 37084.8 20.0 43.2 **43.8**

SX3781 10/7/2009 6:11:00 PM 1/5/2010 5:07:00 PM # of Days Deployed: 90.0 Voltage Drop: 69

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.23 1.9 37205.5 20.1 43.4 **44.0**

Result in mRad is the Average of the Values: 44.4 Std of the Values: 0.7

Santa Fe Booster Station**Santa Fe Booster Station**

SCW257	10/8/2009 2:46:00 PM	1/5/2010 10:50:00 AM	# of Days Deployed:	88.8	Voltage Drop:	71
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	2.0	35631.9	19.0	40.5	41.6

SFC211	10/8/2009 2:46:00 PM	1/5/2010 10:50:00 AM	# of Days Deployed:	88.8	Voltage Drop:	67
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	2.0	33875.6	18.0	38.4	39.5

SX3728	10/8/2009 2:46:00 PM	1/5/2010 10:50:00 AM	# of Days Deployed:	88.8	Voltage Drop:	60
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	33658.8	17.9	38.2	39.2

SX3763	10/8/2009 2:46:00 PM	1/5/2010 10:50:00 AM	# of Days Deployed:	88.8	Voltage Drop:	62
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	34989.2	18.7	39.8	40.9

SX3834	10/8/2009 2:46:00 PM	1/5/2010 10:50:00 AM	# of Days Deployed:	88.8	Voltage Drop:	58
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	32236.9	17.1	36.5	37.4

Result in mRad is the Average of the Values: **39.7** **Std of the Values:** **1.4**

Well PM-1**137**

SBC903	10/7/2009 3:26:00 PM	1/5/2010 3:56:00 PM	# of Days Deployed:	90.0	Voltage Drop:	76
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	42058.5	22.1	47.7	48.4

SX3810	10/7/2009 3:26:00 PM	1/5/2010 3:56:00 PM	# of Days Deployed:	90.0	Voltage Drop:	79
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	43997.4	23.2	50.0	50.7

SX3890	10/7/2009 3:26:00 PM	1/5/2010 3:56:00 PM	# of Days Deployed:	90.0	Voltage Drop:	81
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	44182.1	23.3	50.3	50.9

Result in mRad is the Average of the Values: **50.0** **Std of the Values:** **1.2**

White Rock Fire Station**167**

SX3737	10/7/2009 3:40:00 PM	1/5/2010 4:21:00 PM	# of Days Deployed:	90.0	Voltage Drop:	71
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	39266.5	20.6	44.5	45.1

SX3802	10/7/2009 3:40:00 PM	1/5/2010 4:21:00 PM	# of Days Deployed:	90.0	Voltage Drop:	68
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	37552.2	19.7	42.5	43.1

SX3919	10/7/2009 3:40:00 PM	1/5/2010 4:21:00 PM	# of Days Deployed:	90.0	Voltage Drop:	69
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	37987.3	19.9	43.0	43.6

White Rock Fire Station

167

Result in mRad is the Average of the Values:

43.9

Std of the Values:

0.9

Friday, July 15, 2016

9:01:39 AM