

# Direct Penetrating Radiation as Measured by Electrets

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

Calendar Quarter: Q42008

## 48th Street

149

SX3861 10/1/2008 4:25:00 PM 1/7/2009 3:24:00 PM # of Days Deployed: 98.0 Voltage Drop: 82

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 45637.3 22.8 53.6 **49.9**

SX3922 10/1/2008 4:25:00 PM 1/7/2009 3:24:00 PM # of Days Deployed: 98.0 Voltage Drop: 82

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 45536.1 22.7 53.5 **49.8**

SX3923 10/1/2008 4:25:00 PM 1/7/2009 3:24:00 PM # of Days Deployed: 98.0 Voltage Drop: 84

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 46792.6 23.4 55.0 **51.2**

Result in mRad is the Average of the Values: **50.3** Std of the Values: **0.7**

## East Gate

East Gate

SX3742 10/2/2008 9:55:00 AM 1/8/2009 12:35:00 PM # of Days Deployed: 98.1 Voltage Drop: 84

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.9 43608.8 21.4 50.5 **46.9**

SX3762 10/2/2008 9:55:00 AM 1/8/2009 12:35:00 PM # of Days Deployed: 98.1 Voltage Drop: 84

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.9 43638.5 21.4 50.5 **47.0**

SX3808 10/2/2008 9:55:00 AM 1/8/2009 12:35:00 PM # of Days Deployed: 98.1 Voltage Drop: 83

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.9 43036.5 21.1 49.8 **46.3**

Result in mRad is the Average of the Values: **46.7** Std of the Values: **0.3**

## East Gate HPIC Tower

East Gate HPIC Tower

SX3813 10/2/2008 10:07:00 AM 1/8/2009 12:44:00 PM # of Days Deployed: 98.1 Voltage Drop: 82

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.9 43207.0 21.4 50.3 **46.8**

SX3886 10/2/2008 10:07:00 AM 1/8/2009 12:44:00 PM # of Days Deployed: 98.1 Voltage Drop: 82

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.9 43322.1 21.4 50.4 **46.9**

SX3902 10/2/2008 10:07:00 AM 1/8/2009 12:44:00 PM # of Days Deployed: 98.1 Voltage Drop: 81

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.9 42674.5 21.1 49.6 **46.2**

Result in mRad is the Average of the Values: **46.6** Std of the Values: **0.3**

**Los Alamos Airport****114**

SX3724 10/2/2008 9:45:00 AM 1/7/2009 4:10:00 PM # of Days Deployed: 97.3 Voltage Drop: 74

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	37955.5	18.9	44.2	<b>41.5</b>

SX3826 10/2/2008 9:45:00 AM 1/7/2009 4:10:00 PM # of Days Deployed: 97.3 Voltage Drop: 76

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	2.0	38912.0	19.4	45.4	<b>42.6</b>

SX3924 10/2/2008 9:45:00 AM 1/7/2009 4:10:00 PM # of Days Deployed: 97.3 Voltage Drop: 76

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	2.0	38881.6	19.4	45.3	<b>42.5</b>

**Result in mRad is the Average of the Values:** **42.2** **Std of the Values:** **0.5**

**Los Alamos McDonalds****166**

SBD016 10/1/2008 5:08:00 PM 1/7/2009 3:51:00 PM # of Days Deployed: 97.9 Voltage Drop: 83

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.24	1.9	43483.8	21.9	51.4	<b>47.9</b>

SX3841 10/1/2008 5:08:00 PM 1/7/2009 3:51:00 PM # of Days Deployed: 97.9 Voltage Drop: 81

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.24	1.9	42619.0	21.4	50.3	<b>46.9</b>

SX3874 10/1/2008 5:08:00 PM 1/7/2009 3:51:00 PM # of Days Deployed: 97.9 Voltage Drop: 86

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.24	1.9	45398.8	22.9	53.8	<b>50.1</b>

**Result in mRad is the Average of the Values:** **48.3** **Std of the Values:** **1.3**

**Nazarene Church****Nazarene Church**

ST2410 10/1/2008 3:30:00 PM 1/7/2009 1:20:00 PM # of Days Deployed: 97.9 Voltage Drop: 72

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	40237.2	19.3	45.2	<b>42.2</b>

SX3998 10/1/2008 3:30:00 PM 1/7/2009 1:20:00 PM # of Days Deployed: 97.9 Voltage Drop: 74

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	42049.5	20.2	47.4	<b>44.2</b>

SX4038 10/1/2008 3:30:00 PM 1/7/2009 1:20:00 PM # of Days Deployed: 97.9 Voltage Drop: 75

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	42629.5	20.5	48.1	<b>44.8</b>

**Result in mRad is the Average of the Values:** **43.7** **Std of the Values:** **1.1**

**Northern NM College****Northern NM College**

ST2229 10/2/2008 8:45:00 AM 1/8/2009 1:32:00 PM # of Days Deployed: 98.2 Voltage Drop: 67

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.16	1.8	36916.2	17.1	40.3	<b>37.5</b>

## Northern NM College

## Northern NM College

SX3754 10/2/2008 8:45:00 AM 1/8/2009 1:32:00 PM # of Days Deployed: 98.2 Voltage Drop: 72

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.16 1.8 40107.9 18.7 44.0 **40.9**

SX3778 10/2/2008 8:45:00 AM 1/8/2009 1:32:00 PM # of Days Deployed: 98.2 Voltage Drop: 63

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.16 1.9 32680.9 15.0 35.4 **32.9**

SX3817 10/2/2008 8:45:00 AM 1/8/2009 1:32:00 PM # of Days Deployed: 98.2 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.16 1.9 32018.1 14.7 34.6 **32.2**

SX4085 10/2/2008 8:45:00 AM 1/8/2009 1:32:00 PM # of Days Deployed: 98.2 Voltage Drop: 74

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.16 1.8 41655.7 19.4 45.8 **42.6**

Result in mRad is the Average of the Values: **37.2** Std of the Values: **4.2**

## Pueblo above SR-502 E060

## Pueblo above SR-502 E060

SX3747 10/2/2008 9:30:00 AM 1/8/2009 12:56:00 PM # of Days Deployed: 98.1 Voltage Drop: 81

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.18 1.8 45277.5 21.6 50.8 **47.2**

SX3912 10/2/2008 9:30:00 AM 1/8/2009 12:56:00 PM # of Days Deployed: 98.1 Voltage Drop: 81

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.18 1.8 45172.8 21.5 50.7 **47.1**

SX3918 10/2/2008 9:30:00 AM 1/8/2009 12:56:00 PM # of Days Deployed: 98.1 Voltage Drop: 81

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.18 1.8 45193.5 21.5 50.7 **47.2**

Result in mRad is the Average of the Values: **47.2** Std of the Values: **0.0**

## Royal Crest Trailer Court

## 151

ST2249 10/1/2008 4:00:00 PM 1/7/2009 2:20:00 PM # of Days Deployed: 97.9 Voltage Drop: 78

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.24 1.8 42585.3 21.4 50.3 **46.8**

SX3764 10/1/2008 4:00:00 PM 1/7/2009 2:20:00 PM # of Days Deployed: 97.9 Voltage Drop: 78

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.24 1.8 42617.1 21.4 50.3 **46.9**

SX3871 10/1/2008 4:00:00 PM 1/7/2009 2:20:00 PM # of Days Deployed: 97.9 Voltage Drop: 78

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.24 1.8 43074.6 21.6 50.9 **47.4**

Result in mRad is the Average of the Values: **47.0** Std of the Values: **0.3**

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

SX3728	10/2/2008 11:05:00 AM	1/8/2009 9:51:00 AM	# of Days Deployed:	97.9	Voltage Drop:	82
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.9	42419.7	20.8	48.9	<b>45.6</b>

SX3763	10/2/2008 11:05:00 AM	1/8/2009 9:51:00 AM	# of Days Deployed:	97.9	Voltage Drop:	83
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.9	42969.9	21.1	49.6	<b>46.2</b>

SX3825	10/2/2008 11:05:00 AM	1/8/2009 9:51:00 AM	# of Days Deployed:	97.9	Voltage Drop:	78
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.9	41045.8	20.1	47.2	<b>44.0</b>

SX3834	10/2/2008 11:05:00 AM	1/8/2009 9:51:00 AM	# of Days Deployed:	97.9	Voltage Drop:	79
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.9	40775.5	20.0	46.9	<b>43.7</b>

SX3906	10/2/2008 11:05:00 AM	1/8/2009 9:51:00 AM	# of Days Deployed:	97.9	Voltage Drop:	81
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.21	1.9	42586.0	20.9	49.1	<b>45.8</b>

**Result in mRad is the Average of the Values:** **45.0**     **Std of the Values:** **1.0**

**Well PM-1****137**

SX3769	10/1/2008 3:45:00 PM	1/7/2009 4:34:00 PM	# of Days Deployed:	98.0	Voltage Drop:	88
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	49487.3	24.2	56.9	<b>52.9</b>

SX3870	10/1/2008 3:45:00 PM	1/7/2009 4:34:00 PM	# of Days Deployed:	98.0	Voltage Drop:	89
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	50162.5	24.5	57.7	<b>53.7</b>

SX3878	10/1/2008 3:45:00 PM	1/7/2009 4:34:00 PM	# of Days Deployed:	98.0	Voltage Drop:	89
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	1.8	50343.6	24.6	57.9	<b>53.9</b>

**Result in mRad is the Average of the Values:** **53.5**     **Std of the Values:** **0.4**

**White Rock Fire Station****167**

SX3737	10/1/2008 3:20:00 PM	1/7/2009 1:40:00 PM	# of Days Deployed:	97.9	Voltage Drop:	81
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	2.0	41443.7	20.1	47.1	<b>43.9</b>

SX3802	10/1/2008 3:20:00 PM	1/7/2009 1:40:00 PM	# of Days Deployed:	97.9	Voltage Drop:	79
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	2.0	40444.0	19.5	45.9	<b>42.8</b>

SX3919	10/1/2008 3:20:00 PM	1/7/2009 1:40:00 PM	# of Days Deployed:	97.9	Voltage Drop:	81
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.20	2.0	41379.7	20.0	47.1	<b>43.9</b>

White Rock Fire Station

167

Result in mRad is the Average of the Values:

43.5

Std of the Values:

0.5

Thursday, July 14, 2016

3:06:42 PM