

# Direct Penetrating Radiation as Measured by Electrets

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

Calendar Quarter: Q12012

## 48th Street

149

SX3727 1/3/2012 12:46:00 PM 4/5/2012 4:58:00 PM # of Days Deployed: 93.2 Voltage Drop: 79

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 42981.3 22.5 50.4 **49.4**

SX3801 1/3/2012 12:46:00 PM 4/5/2012 4:58:00 PM # of Days Deployed: 93.2 Voltage Drop: 83

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 45076.9 23.7 53.0 **51.9**

SX3839 1/3/2012 12:46:00 PM 4/5/2012 4:58:00 PM # of Days Deployed: 93.2 Voltage Drop: 81

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 44117.3 23.2 51.8 **50.7**

Result in mRad is the Average of the Values: **50.7** Std of the Values: **1.0**

## East Gate

East Gate

SFC135 1/3/2012 12:23:00 PM 4/5/2012 4:41:00 PM # of Days Deployed: 93.2 Voltage Drop: 84

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 2.0 42227.1 22.0 49.1 **48.1**

SFC172 1/3/2012 12:23:00 PM 4/5/2012 4:41:00 PM # of Days Deployed: 93.2 Voltage Drop: 69

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 2.0 34334.5 17.7 39.5 **38.7**

ST2423 1/3/2012 12:23:00 PM 4/5/2012 4:41:00 PM # of Days Deployed: 93.2 Voltage Drop: 71

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.8 39957.0 20.7 46.4 **45.4**

Result in mRad is the Average of the Values: **44.1** Std of the Values: **4.0**

## East Gate HPIC Tower

East Gate HPIC Tower

SX3771 1/3/2012 12:33:00 PM 4/5/2012 4:48:00 PM # of Days Deployed: 93.2 Voltage Drop: 74

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 40001.7 20.8 46.6 **45.6**

SX3837 1/3/2012 12:33:00 PM 4/5/2012 4:48:00 PM # of Days Deployed: 93.2 Voltage Drop: 76

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.9 41000.3 21.4 47.8 **46.8**

SX3846 1/3/2012 12:33:00 PM 4/5/2012 4:48:00 PM # of Days Deployed: 93.2 Voltage Drop: 69

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.9 37156.7 19.3 43.1 **42.2**

Result in mRad is the Average of the Values: **44.9** Std of the Values: **2.0**

Los Alamos Airport

114

SX3767 1/3/2012 2:17:00 PM 4/5/2012 4:37:00 PM # of Days Deployed: 93.1 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 1.9 33469.9 17.3 38.6 37.8

SX3803 1/3/2012 2:17:00 PM 4/5/2012 4:37:00 PM # of Days Deployed: 93.1 Voltage Drop: 64

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 1.8 34619.5 17.9 40.0 39.2

SX3891 1/3/2012 2:17:00 PM 4/5/2012 4:37:00 PM # of Days Deployed: 93.1 Voltage Drop: 60

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.23 1.8 32545.6 16.8 37.5 36.7

Result in mRad is the Average of the Values: 37.9 Std of the Values: 1.0

Los Alamos McDonalds

166

SX3835 1/3/2012 12:38:00 PM 4/5/2012 4:51:00 PM # of Days Deployed: 93.2 Voltage Drop: 77

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.24 1.9 41602.3 21.9 49.0 48.0

SX3855 1/3/2012 12:38:00 PM 4/5/2012 4:51:00 PM # of Days Deployed: 93.2 Voltage Drop: 82

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.24 1.8 44401.9 23.5 52.5 51.4

SX3895 1/3/2012 12:38:00 PM 4/5/2012 4:51:00 PM # of Days Deployed: 93.2 Voltage Drop: 77

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.24 1.9 41574.4 21.9 49.0 47.9

Result in mRad is the Average of the Values: 49.1 Std of the Values: 1.6

Nazarene Church

Nazarene Church

SX3809 1/3/2012 12:55:00 PM 4/5/2012 5:03:00 PM # of Days Deployed: 93.2 Voltage Drop: 69

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.20 1.8 39350.3 20.0 44.6 43.7

SX3851 1/3/2012 12:55:00 PM 4/5/2012 5:03:00 PM # of Days Deployed: 93.2 Voltage Drop: 66

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.20 1.8 37565.7 19.0 42.5 41.6

SX3854 1/3/2012 12:55:00 PM 4/5/2012 5:03:00 PM # of Days Deployed: 93.2 Voltage Drop: 69

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.20 1.8 39284.1 19.9 44.6 43.6

Result in mRad is the Average of the Values: 43.0 Std of the Values: 1.0

Northern NM College

Northern NM College

SFB982 1/4/2012 11:32:00 AM 4/3/2012 2:36:00 PM # of Days Deployed: 90.1 Voltage Drop: 70

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.16 2.0 35229.4 17.8 38.6 39.1

Northern NM College

Northern NM College

SFC128	1/4/2012 11:32:00 AM	4/3/2012 2:36:00 PM	# of Days Deployed:	90.1	Voltage Drop:	70
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.16	2.0	35177.9	17.8	38.5	<b>39.0</b>	

SFC137	1/4/2012 11:32:00 AM	4/3/2012 2:36:00 PM	# of Days Deployed:	90.1	Voltage Drop:	72
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.16	2.0	36236.0	18.4	39.8	<b>40.3</b>	

**Result in mRad is the Average of the Values:** **39.5** **Std of the Values:** **0.6**

Royal Crest Trailer Court

151

SX3758	1/3/2012 12:42:00 PM	4/5/2012 4:55:00 PM	# of Days Deployed:	93.2	Voltage Drop:	70
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.23	1.8	37969.8	19.8	44.2	<b>43.3</b>	

SX3877	1/3/2012 12:42:00 PM	4/5/2012 4:55:00 PM	# of Days Deployed:	93.2	Voltage Drop:	74
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.23	1.8	41452.7	21.7	48.5	<b>47.5</b>	

SX3893	1/3/2012 12:42:00 PM	4/5/2012 4:55:00 PM	# of Days Deployed:	93.2	Voltage Drop:	69
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.23	1.8	38144.4	19.9	44.5	<b>43.5</b>	

**Result in mRad is the Average of the Values:** **44.8** **Std of the Values:** **1.9**

Santa Fe Booster Station

Santa Fe Booster Station

SFC078	1/4/2012 11:37:00 AM	4/5/2012 5:10:00 PM	# of Days Deployed:	92.2	Voltage Drop:	72
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.21	2.0	36457.3	18.8	41.7	<b>41.2</b>	

SFC088	1/4/2012 11:37:00 AM	4/5/2012 5:10:00 PM	# of Days Deployed:	92.2	Voltage Drop:	73
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.21	2.0	36730.2	19.0	42.0	<b>41.6</b>	

SFC158	1/4/2012 11:37:00 AM	4/5/2012 5:10:00 PM	# of Days Deployed:	92.2	Voltage Drop:	73
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.21	2.0	37085.3	19.2	42.4	<b>42.0</b>	

**Result in mRad is the Average of the Values:** **41.6** **Std of the Values:** **0.3**

Well PM-1

137

SX3760	1/3/2012 12:59:00 PM	4/5/2012 5:08:00 PM	# of Days Deployed:	93.2	Voltage Drop:	82
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.19	1.9	43369.1	22.1	49.4	<b>48.3</b>	

SX3869	1/3/2012 12:59:00 PM	4/5/2012 5:08:00 PM	# of Days Deployed:	93.2	Voltage Drop:	86
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.19	1.9	45447.6	23.2	51.8	<b>50.8</b>	

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

SX3925      1/3/2012 12:59:00 PM      4/5/2012 5:08:00 PM      # of Days Deployed:      93.2      Voltage Drop:      87

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.9	46019.8	23.5	52.5	<b>51.4</b>

**Result in mRad is the Average of the Values:** **50.2**      **Std of the Values:** **1.3**

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

SX3858      1/3/2012 11:37:00 AM      4/5/2012 4:34:00 PM      # of Days Deployed:      93.2      Voltage Drop:      72

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.9	38881.2	19.6	43.9	<b>42.9</b>

SX3916      1/3/2012 11:37:00 AM      4/5/2012 4:34:00 PM      # of Days Deployed:      93.2      Voltage Drop:      69

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.9	37193.2	18.7	41.8	<b>41.0</b>

SX3926      1/3/2012 11:37:00 AM      4/5/2012 4:34:00 PM      # of Days Deployed:      93.2      Voltage Drop:      71

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	38412.6	19.4	43.3	<b>42.4</b>

**Result in mRad is the Average of the Values:** **42.1**      **Std of the Values:** **0.8**

Friday, July 15, 2016

3:03:43 PM