

# Direct Penetrating Radiation as Measured by Electrets

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

Calendar Quarter: Q12011

48th Street

149

SX3725 1/10/2011 1:40:00 PM 4/3/2011 5:43:00 PM # of Days Deployed: 83.2 Voltage Drop: 68

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 37862.6 22.1 44.2 **48.5**

SX3796 1/10/2011 1:40:00 PM 4/3/2011 5:43:00 PM # of Days Deployed: 83.2 Voltage Drop: 66

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 36832.8 21.5 42.9 **47.1**

SX3819 1/10/2011 1:40:00 PM 4/3/2011 5:43:00 PM # of Days Deployed: 83.2 Voltage Drop: 66

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 37097.1 21.7 43.3 **47.5**

Result in mRad is the Average of the Values: **47.7** Std of the Values: **0.6**

East Gate

East Gate

SX3913 1/10/2011 3:44:00 PM 4/3/2011 2:19:00 PM # of Days Deployed: 82.9 Voltage Drop: 64

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.21 1.8 35402.7 20.5 40.8 **44.9**

SX3943 1/10/2011 3:44:00 PM 4/3/2011 2:19:00 PM # of Days Deployed: 82.9 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.21 1.8 34883.4 20.2 40.1 **44.2**

SX3990 1/10/2011 3:44:00 PM 4/3/2011 2:19:00 PM # of Days Deployed: 82.9 Voltage Drop: 61

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.21 1.8 34398.5 19.9 39.6 **43.5**

Result in mRad is the Average of the Values: **44.2** Std of the Values: **0.5**

East Gate HPIC Tower

East Gate HPIC Tower

ST2305 1/10/2011 3:52:00 PM 4/3/2011 2:37:00 PM # of Days Deployed: 82.9 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.21 1.9 34739.9 20.1 39.9 **43.9**

SU7090 1/10/2011 3:52:00 PM 4/3/2011 2:37:00 PM # of Days Deployed: 82.9 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.21 1.9 33023.4 19.0 37.9 **41.7**

SX4035 1/10/2011 3:52:00 PM 4/3/2011 2:37:00 PM # of Days Deployed: 82.9 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.21 1.9 34586.1 20.0 39.8 **43.7**

Result in mRad is the Average of the Values: **43.1** Std of the Values: **1.0**

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

SX3903 1/10/2011 3:30:00 PM 4/3/2011 2:52:00 PM # of Days Deployed: 83.0 Voltage Drop: 63

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	33445.3	19.5	38.8	<b>42.6</b>

SX4042 1/10/2011 3:30:00 PM 4/3/2011 2:52:00 PM # of Days Deployed: 83.0 Voltage Drop: 59

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	31357.4	18.2	36.2	<b>39.8</b>

SX4093 1/10/2011 3:30:00 PM 4/3/2011 2:52:00 PM # of Days Deployed: 83.0 Voltage Drop: 59

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	31620.3	18.3	36.5	<b>40.2</b>

**Result in mRad is the Average of the Values:** **40.9** **Std of the Values:** **1.3**

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

SCW225 1/10/2011 2:09:00 PM 4/3/2011 4:51:00 PM # of Days Deployed: 83.1 Voltage Drop: 56

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.24	1.8	31310.3	18.3	36.5	<b>40.0</b>

SCW346 1/10/2011 2:09:00 PM 4/3/2011 4:51:00 PM # of Days Deployed: 83.1 Voltage Drop: 60

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.24	1.8	33913.0	19.9	39.7	<b>43.6</b>

SFC130 1/10/2011 2:09:00 PM 4/3/2011 4:51:00 PM # of Days Deployed: 83.1 Voltage Drop: 59

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.24	1.7	33823.3	19.8	39.6	<b>43.5</b>

**Result in mRad is the Average of the Values:** **42.4** **Std of the Values:** **1.6**

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

SX3768 1/10/2011 4:52:00 PM 4/2/2011 6:01:00 PM # of Days Deployed: 82.0 Voltage Drop: 55

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	30195.3	17.1	33.7	<b>37.4</b>

SX3804 1/10/2011 4:52:00 PM 4/2/2011 6:01:00 PM # of Days Deployed: 82.0 Voltage Drop: 56

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	31003.7	17.6	34.6	<b>38.5</b>

SX3862 1/10/2011 4:52:00 PM 4/2/2011 6:01:00 PM # of Days Deployed: 82.0 Voltage Drop: 50

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	27577.6	15.5	30.6	<b>34.0</b>

**Result in mRad is the Average of the Values:** **36.7** **Std of the Values:** **1.9**

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

SX3766 1/11/2011 11:21:00 AM 4/2/2011 3:29:00 PM # of Days Deployed: 81.2 Voltage Drop: 52

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.16	1.8	28226.0	15.8	30.7	<b>34.5</b>

## Northern NM College

## Northern NM College

SX3783 1/11/2011 11:21:00 AM 4/2/2011 3:29:00 PM # of Days Deployed: 81.2 Voltage Drop: 55

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.16 1.8 30846.4 17.3 33.8 **37.9**

SZ9146 1/11/2011 11:21:00 AM 4/2/2011 3:29:00 PM # of Days Deployed: 81.2 Voltage Drop: 58

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.16 1.8 32816.8 18.5 36.0 **40.5**

Result in mRad is the Average of the Values: **37.7** Std of the Values: **2.5**

## Royal Crest Trailer Court

## 151

SX3743 1/11/2011 10:11:00 AM 4/3/2011 5:15:00 PM # of Days Deployed: 82.3 Voltage Drop: 58

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 32166.3 18.9 37.3 **41.3**

SX3815 1/11/2011 10:11:00 AM 4/3/2011 5:15:00 PM # of Days Deployed: 82.3 Voltage Drop: 56

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 31043.7 18.2 35.9 **39.8**

SX3914 1/11/2011 10:11:00 AM 4/3/2011 5:15:00 PM # of Days Deployed: 82.3 Voltage Drop: 60

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.8 33469.0 19.7 38.9 **43.1**

Result in mRad is the Average of the Values: **41.4** Std of the Values: **1.3**

## Santa Fe Booster Station

## Santa Fe Booster Station

SCW188 1/11/2011 1:25:00 PM 4/2/2011 2:34:00 PM # of Days Deployed: 81.0 Voltage Drop: 52

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.21 1.8 28813.8 16.8 32.7 **36.8**

SCW257 1/11/2011 1:25:00 PM 4/2/2011 2:34:00 PM # of Days Deployed: 81.0 Voltage Drop: 47

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.21 1.8 25436.7 14.7 28.6 **32.2**

SFC211 1/11/2011 1:25:00 PM 4/2/2011 2:34:00 PM # of Days Deployed: 81.0 Voltage Drop: 52

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.21 1.8 28465.3 16.6 32.2 **36.3**

Result in mRad is the Average of the Values: **35.1** Std of the Values: **2.1**

## Well PM-1

## 137

SX3809 1/10/2011 4:13:00 PM 4/3/2011 2:05:00 PM # of Days Deployed: 82.9 Voltage Drop: 78

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.19 1.9 40700.9 23.3 46.3 **51.0**

SX3851 1/10/2011 4:13:00 PM 4/3/2011 2:05:00 PM # of Days Deployed: 82.9 Voltage Drop: 73

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.19 1.9 38179.1 21.8 43.3 **47.7**

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

SX3854      1/10/2011 4:13:00 PM      4/3/2011 2:05:00 PM      # of Days Deployed:      82.9      Voltage Drop:      75

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.9	39187.1	22.4	44.5	<b>49.0</b>

**Result in mRad is the Average of the Values:** **49.2**      **Std of the Values:** **1.4**

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

SX3735      1/10/2011 4:38:00 PM      4/2/2011 6:21:00 PM      # of Days Deployed:      82.1      Voltage Drop:      52

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	29073.8	16.4	32.4	<b>36.0</b>

SX3780      1/10/2011 4:38:00 PM      4/2/2011 6:21:00 PM      # of Days Deployed:      82.1      Voltage Drop:      56

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	31167.0	17.7	34.9	<b>38.7</b>

SX3790      1/10/2011 4:38:00 PM      4/2/2011 6:21:00 PM      # of Days Deployed:      82.1      Voltage Drop:      56

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.19	1.8	31209.2	17.7	34.9	<b>38.8</b>

**Result in mRad is the Average of the Values:** **37.8**      **Std of the Values:** **1.3**

Friday, July 15, 2016

2:55:39 PM