

# Direct Penetrating Radiation as Measured by Electrets

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

Calendar Quarter: Q22007

## 48th Street

149

SBI083	4/4/2007 4:58:00 PM	7/3/2007 1:44:00 PM	# of Days Deployed:	89.9	Voltage Drop:	71
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.28	1.9	37789.6	21.2	45.7	<b>46.4</b>	
SX3748	4/4/2007 4:58:00 PM	7/3/2007 1:44:00 PM	# of Days Deployed:	89.9	Voltage Drop:	71
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.28	1.9	38039.8	21.3	46.0	<b>46.7</b>	
SX3867	4/4/2007 4:58:00 PM	7/3/2007 1:44:00 PM	# of Days Deployed:	89.9	Voltage Drop:	69
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.28	1.9	37120.5	20.8	44.9	<b>45.6</b>	

Result in mRad is the Average of the Values: **46.2** Std of the Values: **0.5**

## East Gate

East Gate

SX3749	4/5/2007 10:41:00 AM	7/3/2007 2:43:00 PM	# of Days Deployed:	89.2	Voltage Drop:	67
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.27	1.9	34694.2	19.4	41.5	<b>42.4</b>	
SX3843	4/5/2007 10:41:00 AM	7/3/2007 2:43:00 PM	# of Days Deployed:	89.2	Voltage Drop:	66
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.27	1.9	34127.9	19.0	40.7	<b>41.7</b>	
SX3844	4/5/2007 10:41:00 AM	7/3/2007 2:43:00 PM	# of Days Deployed:	89.2	Voltage Drop:	67
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.27	1.9	34663.8	19.4	41.4	<b>42.4</b>	

Result in mRad is the Average of the Values: **42.2** Std of the Values: **0.3**

## East Gate HPIC Tower

East Gate HPIC Tower

SX3806	4/5/2007 10:52:00 AM	7/3/2007 2:51:00 PM	# of Days Deployed:	89.2	Voltage Drop:	60
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.27	1.9	31345.9	17.4	37.2	<b>38.1</b>	
SX3900	4/5/2007 10:52:00 AM	7/3/2007 2:51:00 PM	# of Days Deployed:	89.2	Voltage Drop:	59
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.27	1.9	30972.1	17.2	36.7	<b>37.6</b>	
SX3910	4/5/2007 10:52:00 AM	7/3/2007 2:51:00 PM	# of Days Deployed:	89.2	Voltage Drop:	63
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.27	1.9	32957.1	18.3	39.2	<b>40.2</b>	

Result in mRad is the Average of the Values: **38.6** Std of the Values: **1.1**

Los Alamos Airport

114

SX3755 4/5/2007 11:08:00 AM 7/3/2007 2:02:00 PM # of Days Deployed: 89.1 Voltage Drop: 59

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.27 2.0 30055.6 16.7 35.7 36.6

SX3784 4/5/2007 11:08:00 AM 7/3/2007 2:02:00 PM # of Days Deployed: 89.1 Voltage Drop: 60

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.27 2.0 30573.5 17.0 36.4 37.3

SX3795 4/5/2007 11:08:00 AM 7/3/2007 2:02:00 PM # of Days Deployed: 89.1 Voltage Drop: 64

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.27 2.0 32624.0 18.2 39.0 39.9

Result in mRad is the Average of the Values: 37.9 Std of the Values: 1.4

Los Alamos McDonalds

166

SBH926 4/5/2007 11:25:00 AM 7/3/2007 12:17:00 PM # of Days Deployed: 89.0 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.27 1.9 32694.6 18.3 39.1 40.0

SBH953 4/5/2007 11:25:00 AM 7/3/2007 12:17:00 PM # of Days Deployed: 89.0 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.27 1.9 32045.6 17.9 38.3 39.2

SBI033 4/5/2007 11:25:00 AM 7/3/2007 12:17:00 PM # of Days Deployed: 89.0 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.27 1.9 33970.3 19.0 40.7 41.7

Result in mRad is the Average of the Values: 40.3 Std of the Values: 1.0

Nazarene Church

Nazarene Church

SBH994 4/4/2007 12:38:00 PM 7/3/2007 4:34:00 PM # of Days Deployed: 90.2 Voltage Drop: 59

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.24 1.9 31485.9 16.9 36.7 37.1

SBI045 4/4/2007 12:38:00 PM 7/3/2007 4:34:00 PM # of Days Deployed: 90.2 Voltage Drop: 53

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.24 1.8 29872.1 16.0 34.7 35.1

ST2346 4/4/2007 12:38:00 PM 7/3/2007 4:34:00 PM # of Days Deployed: 90.2 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.24 1.9 34586.1 18.7 40.5 41.0

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

Northern NM College

Northern NM College

SX3736 4/4/2007 2:09:00 PM 7/5/2007 9:16:00 AM # of Days Deployed: 91.8 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
1.22 1.9 32246.2 16.7 36.8 36.6

## Northern NM College

## Northern NM College

SX3770 4/4/2007 2:09:00 PM 7/5/2007 9:16:00 AM # of Days Deployed: 91.8 Voltage Drop: 60

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.9 31301.0 16.2 35.6 **35.4**

SX3779 4/4/2007 2:09:00 PM 7/5/2007 9:16:00 AM # of Days Deployed: 91.8 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.9 34036.7 17.7 39.0 **38.7**

SX3885 4/4/2007 2:09:00 PM 7/5/2007 9:16:00 AM # of Days Deployed: 91.8 Voltage Drop: 61

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.9 31759.2 16.4 36.2 **36.0**

SX3887 4/4/2007 2:09:00 PM 7/5/2007 9:16:00 AM # of Days Deployed: 91.8 Voltage Drop: 68

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.22 1.9 35612.0 18.5 40.9 **40.6**

Result in mRad is the Average of the Values: **37.5** Std of the Values: **1.9**

## Pueblo above SR-502 E060

## Pueblo above SR-502 E060

SX3738 4/4/2007 1:02:00 PM 7/3/2007 3:11:00 PM # of Days Deployed: 90.1 Voltage Drop: 76

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.9 40024.6 21.7 46.9 **47.5**

SX3894 4/4/2007 1:02:00 PM 7/3/2007 3:11:00 PM # of Days Deployed: 90.1 Voltage Drop: 81

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.9 43357.3 23.6 51.1 **51.7**

SZ9024 4/4/2007 1:02:00 PM 7/3/2007 3:11:00 PM # of Days Deployed: 90.1 Voltage Drop: 79

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.23 1.9 42248.0 23.0 49.7 **50.3**

Result in mRad is the Average of the Values: **49.9** Std of the Values: **1.7**

## Royal Crest Trailer Court

## 151

SBH874 4/4/2007 5:17:00 PM 7/3/2007 11:49:00 AM # of Days Deployed: 89.8 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.27 1.9 35084.0 19.6 42.1 **42.8**

SBH982 4/4/2007 5:17:00 PM 7/3/2007 11:49:00 AM # of Days Deployed: 89.8 Voltage Drop: 69

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.27 1.9 36203.3 20.2 43.6 **44.3**

SBI008 4/4/2007 5:17:00 PM 7/3/2007 11:49:00 AM # of Days Deployed: 89.8 Voltage Drop: 70

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:  
1.27 1.9 37556.7 21.0 45.3 **46.0**

Result in mRad is the Average of the Values: **44.4** Std of the Values: **1.3**

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

SX3726	4/4/2007 3:22:00 PM	7/5/2007 8:15:00 AM	# of Days Deployed:	91.7	Voltage Drop:	68
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.26	1.9	35318.4	19.1	42.1	<b>41.9</b>

SX3741	4/4/2007 3:22:00 PM	7/5/2007 8:15:00 AM	# of Days Deployed:	91.7	Voltage Drop:	70
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.26	1.9	36449.2	19.8	43.5	<b>43.3</b>

SX3761	4/4/2007 3:22:00 PM	7/5/2007 8:15:00 AM	# of Days Deployed:	91.7	Voltage Drop:	68
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.26	1.9	35432.6	19.2	42.2	<b>42.0</b>

SX3793	4/4/2007 3:22:00 PM	7/5/2007 8:15:00 AM	# of Days Deployed:	91.7	Voltage Drop:	70
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.26	1.9	36500.5	19.8	43.6	<b>43.3</b>

SX3832	4/4/2007 3:22:00 PM	7/5/2007 8:15:00 AM	# of Days Deployed:	91.7	Voltage Drop:	66
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.26	1.9	34310.9	18.5	40.8	<b>40.6</b>

**Result in mRad is the Average of the Values:** **42.2**     **Std of the Values:** **1.0**

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

SBH879	4/5/2007 10:25:00 AM	7/3/2007 3:32:00 PM	# of Days Deployed:	89.2	Voltage Drop:	75
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.24	1.9	40072.5	22.1	47.3	<b>48.4</b>

SBH913	4/5/2007 10:25:00 AM	7/3/2007 3:32:00 PM	# of Days Deployed:	89.2	Voltage Drop:	73
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.24	1.9	38688.9	21.3	45.6	<b>46.6</b>

SBI098	4/5/2007 10:25:00 AM	7/3/2007 3:32:00 PM	# of Days Deployed:	89.2	Voltage Drop:	78
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.24	1.9	41996.4	23.2	49.7	<b>50.8</b>

**Result in mRad is the Average of the Values:** **48.6**     **Std of the Values:** **1.7**

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

SBH922	4/4/2007 12:48:00 PM	7/3/2007 4:09:00 PM	# of Days Deployed:	90.1	Voltage Drop:	67
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	35509.0	19.1	41.4	<b>41.9</b>

SX3838	4/4/2007 12:48:00 PM	7/3/2007 4:09:00 PM	# of Days Deployed:	90.1	Voltage Drop:	62
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	32542.8	17.4	37.7	<b>38.2</b>

SX3905	4/4/2007 12:48:00 PM	7/3/2007 4:09:00 PM	# of Days Deployed:	90.1	Voltage Drop:	61
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TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	32013.9	17.1	37.1	<b>37.5</b>

White Rock Fire Station

167

Result in mRad is the Average of the Values:

39.2

Std of the Values:

1.9

Thursday, July 14, 2016

3:00:05 PM