

Direct Penetrating Radiation as Measured by Electrets

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

Calendar Quarter: Q12010

48th Street

149

SX3731	1/5/2010 1:56:00 PM	4/5/2010 3:12:00 PM	# of Days Deployed:	90.1	Voltage Drop:	67
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.8	37687.2	20.1	43.4	44.0	
SX3740	1/5/2010 1:56:00 PM	4/5/2010 3:12:00 PM	# of Days Deployed:	90.1	Voltage Drop:	63
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.8	34783.8	18.5	39.9	40.4	
SX3777	1/5/2010 1:56:00 PM	4/5/2010 3:12:00 PM	# of Days Deployed:	90.1	Voltage Drop:	65
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.8	36454.9	19.4	41.9	42.5	

Result in mRad is the Average of the Values: **42.3** Std of the Values: **1.5**

East Gate

East Gate

SX3752	1/5/2010 11:58:00 AM	4/5/2010 3:06:00 PM	# of Days Deployed:	90.1	Voltage Drop:	60
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.20	1.8	32603.1	17.0	36.8	37.3	
SX3820	1/5/2010 11:58:00 AM	4/5/2010 3:06:00 PM	# of Days Deployed:	90.1	Voltage Drop:	62
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.20	1.8	33713.9	17.6	38.1	38.6	
SX3907	1/5/2010 11:58:00 AM	4/5/2010 3:06:00 PM	# of Days Deployed:	90.1	Voltage Drop:	65
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.20	1.8	35326.3	18.5	40.1	40.6	

Result in mRad is the Average of the Values: **38.8** Std of the Values: **1.4**

East Gate HPIC Tower

East Gate HPIC Tower

SCW185	1/5/2010 12:09:00 PM	4/5/2010 3:13:00 PM	# of Days Deployed:	90.1	Voltage Drop:	73
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.21	1.9	37859.9	20.1	43.4	43.9	
SCW188	1/5/2010 12:09:00 PM	4/5/2010 3:13:00 PM	# of Days Deployed:	90.1	Voltage Drop:	67
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.21	1.9	34396.1	18.1	39.2	39.7	
SCW276	1/5/2010 12:09:00 PM	4/5/2010 3:13:00 PM	# of Days Deployed:	90.1	Voltage Drop:	70
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.21	1.9	36196.2	19.1	41.4	41.9	

Result in mRad is the Average of the Values: **41.8** Std of the Values: **1.7**

Los Alamos Airport**114**

SX3775 1/5/2010 10:50:00 AM 4/5/2010 2:53:00 PM # of Days Deployed: 90.2 Voltage Drop: 64

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.22	1.9	33218.3	17.6	38.2	38.6

SX3845 1/5/2010 10:50:00 AM 4/5/2010 2:53:00 PM # of Days Deployed: 90.2 Voltage Drop: 61

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.22	1.9	31657.6	16.8	36.3	36.7

SX3876 1/5/2010 10:50:00 AM 4/5/2010 2:53:00 PM # of Days Deployed: 90.2 Voltage Drop: 63

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.22	1.9	32792.8	17.4	37.7	38.1

Result in mRad is the Average of the Values: **37.8** **Std of the Values:** **0.8**

Los Alamos McDonalds**166**

SCW225 1/5/2010 3:03:00 PM 4/5/2010 2:38:00 PM # of Days Deployed: 90.0 Voltage Drop: 64

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	32933.1	17.6	38.0	38.6

SCW346 1/5/2010 3:03:00 PM 4/5/2010 2:38:00 PM # of Days Deployed: 90.0 Voltage Drop: 69

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	35598.9	19.1	41.3	41.9

SFC130 1/5/2010 3:03:00 PM 4/5/2010 2:38:00 PM # of Days Deployed: 90.0 Voltage Drop: 70

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.23	1.9	36267.7	19.5	42.1	42.7

Result in mRad is the Average of the Values: **41.1** **Std of the Values:** **1.8**

Nazarene Church**Nazarene Church**

SX3750 1/5/2010 4:36:00 PM 4/6/2010 3:45:00 PM # of Days Deployed: 91.0 Voltage Drop: 62

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.18	1.8	35025.3	17.8	38.9	39.0

SX3860 1/5/2010 4:36:00 PM 4/6/2010 3:45:00 PM # of Days Deployed: 91.0 Voltage Drop: 60

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.18	1.8	33484.4	17.0	37.0	37.2

SX3901 1/5/2010 4:36:00 PM 4/6/2010 3:45:00 PM # of Days Deployed: 91.0 Voltage Drop: 62

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.18	1.8	34780.8	17.7	38.6	38.7

Result in mRad is the Average of the Values: **38.3** **Std of the Values:** **0.8**

Northern NM College**Northern NM College**

SX3800 1/6/2010 9:27:00 AM 4/5/2010 9:43:00 AM # of Days Deployed: 89.0 Voltage Drop: 62

TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:
1.14	1.8	34506.3	17.4	37.1	38.1

Northern NM College

Northern NM College

SX3840	1/6/2010 9:27:00 AM	4/5/2010 9:43:00 AM	# of Days Deployed:	89.0	Voltage Drop:	60
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.14	1.8	33162.0	16.7	35.6	36.5	

SX3853	1/6/2010 9:27:00 AM	4/5/2010 9:43:00 AM	# of Days Deployed:	89.0	Voltage Drop:	56
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.14	1.8	30951.2	15.5	33.1	33.9	

Result in mRad is the Average of the Values: **36.2** **Std of the Values:** **1.7**

Pueblo above SR-502 E060

Pueblo above SR-502 E060

SX3830	1/5/2010 11:38:00 AM	4/5/2010 3:30:00 PM	# of Days Deployed:	90.2	Voltage Drop:	64
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.17	1.8	36044.7	18.4	39.9	40.3	

SX3857	1/5/2010 11:38:00 AM	4/5/2010 3:30:00 PM	# of Days Deployed:	90.2	Voltage Drop:	65
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.17	1.8	36729.5	18.8	40.7	41.1	

SX3897	1/5/2010 11:38:00 AM	4/5/2010 3:30:00 PM	# of Days Deployed:	90.2	Voltage Drop:	61
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.17	1.8	34469.3	17.6	38.0	38.5	

Result in mRad is the Average of the Values: **40.0** **Std of the Values:** **1.1**

Royal Crest Trailer Court

151

SX3732	1/5/2010 5:07:00 PM	4/6/2010 4:39:00 PM	# of Days Deployed:	91.0	Voltage Drop:	62
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.8	34281.9	18.1	39.5	39.6	

SX3739	1/5/2010 5:07:00 PM	4/6/2010 4:39:00 PM	# of Days Deployed:	91.0	Voltage Drop:	61
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.8	33556.0	17.7	38.6	38.7	

SX3781	1/5/2010 5:07:00 PM	4/6/2010 4:39:00 PM	# of Days Deployed:	91.0	Voltage Drop:	61
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.22	1.8	33693.6	17.8	38.8	38.9	

Result in mRad is the Average of the Values: **39.1** **Std of the Values:** **0.4**

Santa Fe Booster Station

Santa Fe Booster Station

SCW257	1/5/2010 10:50:00 AM	4/5/2010 8:40:00 AM	# of Days Deployed:	89.9	Voltage Drop:	61
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.20	2.0	30955.7	16.1	34.8	35.3	

SFC211	1/5/2010 10:50:00 AM	4/5/2010 8:40:00 AM	# of Days Deployed:	89.9	Voltage Drop:	60
TPCorrection:	CalibrationFactor:	UncorrectedDose:	DoseRate:	TotalDose:	Quarterly Dose:	
1.20	2.0	30690.1	16.0	34.5	35.0	

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

SX3866 1/5/2010 10:50:00 AM 4/5/2010 8:40:00 AM # of Days Deployed: 89.9 Voltage Drop: 62

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.20 1.9 32375.2 16.9 36.5 **37.0**

SX3927 1/5/2010 10:50:00 AM 4/5/2010 8:40:00 AM # of Days Deployed: 89.9 Voltage Drop: 58

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.20 1.9 30158.9 15.7 33.8 **34.3**

SX4094 1/5/2010 10:50:00 AM 4/5/2010 8:40:00 AM # of Days Deployed: 89.9 Voltage Drop: 60

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.20 1.9 31271.4 16.3 35.2 **35.7**

Result in mRad is the Average of the Values: 35.5 Std of the Values: 0.9

Well PM-1**137**

SX3765 1/5/2010 3:56:00 PM 4/6/2010 4:18:00 PM # of Days Deployed: 91.0 Voltage Drop: 84

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.19 1.9 43342.4 22.5 49.1 **49.2**

SX3805 1/5/2010 3:56:00 PM 4/6/2010 4:18:00 PM # of Days Deployed: 91.0 Voltage Drop: 82

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.19 1.9 42392.1 21.9 47.9 **48.1**

SX3849 1/5/2010 3:56:00 PM 4/6/2010 4:18:00 PM # of Days Deployed: 91.0 Voltage Drop: 80

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.19 1.9 41313.7 21.4 46.7 **46.8**

Result in mRad is the Average of the Values: 48.0 Std of the Values: 1.0

White Rock Fire Station**167**

SX3735 1/5/2010 4:21:00 PM 4/5/2010 4:03:00 PM # of Days Deployed: 90.0 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.19 1.9 34559.7 18.0 38.8 **39.3**

SX3780 1/5/2010 4:21:00 PM 4/5/2010 4:03:00 PM # of Days Deployed: 90.0 Voltage Drop: 67

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.19 1.9 34473.3 17.9 38.7 **39.2**

SX3790 1/5/2010 4:21:00 PM 4/5/2010 4:03:00 PM # of Days Deployed: 90.0 Voltage Drop: 65

TPCorrection: CalibrationFactor: UncorrectedDose: DoseRate: TotalDose: Quarterly Dose:
 1.19 1.9 33506.9 17.4 37.5 **38.1**

Result in mRad is the Average of the Values: 38.9 Std of the Values: 0.6