

LANSCCE GMAP for Diffuse Emissions

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Year	Location	Isotopic Activity Emitted (Ci)			
		Total Activity	C-11	Ar-41	
2010					
	1L Service Area (Bldg. 7)	(53DIF1LS)	8.11	7.79	0.32
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	12.35	11.86	0.49
	LANSCCE (total for Tech. Area)	(53DIFFUS)	100.93	96.89	4.04
	New Isotope Production Building	(53DIFIP2)	80.47	77.25	3.22
2009					
	1L Service Area (Bldg. 7)	(53DIF1LS)	49.24	47.27	1.97
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	10.31	9.90	0.41
	New Isotope Production Building	(53DIFIP2)	6.21	5.96	0.25
2008					
	1L Service Area (Bldg. 7)	(53DIF1LS)	56.03	53.79	2.24
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	18.83	18.08	0.75
2007					
	1L Service Area (Bldg. 7)	(53DIF1LS)	63.65	61.10	2.55
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	19.27	18.50	0.77
	LANSCCE (total for Tech. Area)	(53DIFFUS)	124.67	119.68	4.99
	New Isotope Production Building	(53DIFIP2)	41.67	40.00	1.67
2006					
	1L Service Area (Bldg. 7)	(53DIF1LS)	119.57	114.79	4.78
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	37.75	36.24	1.51
	New Isotope Production Building	(53DIFIP2)	108.48	104.14	4.34

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			Total Activity	C-11	Ar-41
2005					
	1L Service Area (Bldg. 7)	(53DIF1LS)	218.09	209.37	8.72
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	35.61	34.19	1.42
	New Isotope Production Building	(53DIFIP2)	300.84	288.81	12.03
2004					
	1L Service Area (Bldg. 7)	(53DIF1LS)	65.83	63.20	2.63
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	16.30	15.65	0.65
	LANSCCE (total for Tech. Area)	(53DIFFUS)	82.18	78.89	3.29
	New Isotope Production Building	(53DIFIP2)	0.04	0.04	0.00
2003					
	1L Service Area (Bldg. 7)	(53DIF1LS)	112.18	107.70	4.49
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	8.56	8.22	0.34
	LANSCCE (total for Tech. Area)	(53DIFFUS)	120.75	115.92	4.83
2002					
	1L Service Area (Bldg. 7)	(53DIF1LS)	136.28	130.83	5.45
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	9.31	8.94	0.37
2001					
	1L Service Area (Bldg. 7)	(53DIF1LS)	148.35	142.42	5.93
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	7.35	7.06	0.29
	LANSCCE (total for Tech. Area)	(53DIFFUS)	155.70	149.48	6.22
2000					
	1L Service Area (Bldg. 7)	(53DIF1LS)	122.80	117.90	4.90
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	20.60	19.80	0.80
	LANSCCE (total for Tech. Area)	(53DIFFUS)	143.40	137.70	5.70

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1999					
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	17.80	17.10	0.70
	LANSCCE (total for Tech. Area)	(53DIFFUS)	17.80	17.10	0.70
1998					
	Area A - East (Bldg. 3)	(53DIF3AE)	256.00	246.00	10.00
	Isotope Production Building (Bldg. 3)	(53DIF3IP)	174.00	167.00	7.00
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	52.40	50.30	2.10
	LANSCCE (total for Tech. Area)	(53DIFFUS)	430.00	413.00	17.00
1997					
	Area A - East (Bldg. 3)	(53DIF3AE)	618.00	593.00	25.00
	Isotope Production Building (Bldg. 3)	(53DIF3IP)	237.00	227.00	9.00
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	11.90	11.40	0.50
	LANSCCE (total for Tech. Area)	(53DIFFUS)	866.00	832.00	35.00
1996					
	Area A (Bldg. 3)	(53DIF3AA)	38.00	36.00	2.00
	Area A - East (Bldg. 3)	(53DIF3AE)	79.00	76.00	3.00
	Isotope Production Building (Bldg. 3)	(53DIF3IP)	53.00	51.00	2.00
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	51.00	49.00	2.00
	LANSCCE (total for Tech. Area)	(53DIFFUS)	221.00	212.00	9.00

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1995					
	Area A (Bldg. 3)	(53DIF3AA)	455.00	437.00	18.00
	Area A - East (Bldg. 3)	(53DIF3AE)	91.00	87.00	4.00
	Area A - Beam Tunnel (Bldg. 3)	(53DIF3BT)	2.70	2.60	0.10
	Isotope Production Building (Bldg. 3)	(53DIF3IP)	135.00	130.00	5.00
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	32.00	31.00	1.00
	LANSCCE (total for Tech. Area)	(53DIFFUS)	715.70	687.60	28.10
1994					
	Area A (Bldg. 3)	(53DIF3AA)	522.00	501.00	21.00
	Area A - East (Bldg. 3)	(53DIF3AE)	139.00	133.00	6.00
	Isotope Production Building (Bldg. 3)	(53DIF3IP)	230.00	218.00	12.00
	Beam Switchyard (Bldg. 3)	(53DIF3SY)	102.00	97.00	5.00
	E225 Cave (below Bldg. 3M-340)	(53DIFCAV)	7.90	7.50	0.40
	LANSCCE (total for Tech. Area)	(53DIFFUS)	1000.90	956.50	44.40
1993					
	Area A - East (Bldg. 3)	(53DIF3AE)	1106.00	951.00	155.00
	Isotope Production Building (Bldg. 3)	(53DIF3IP)	312.00	268.00	44.00
	LANSCCE (total for Tech. Area)	(53DIFFUS)	1418.00	1219.00	199.00

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