

Table C-2. Weekly Iodine-131 Activity in Air.

Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty (x 10 ⁻¹⁵ µCi/mL)			Result ± 1s Uncertainty (x 10 ⁻¹¹ Bq/mL)			Result > 3s
BOUNDARY								
ARCO	07/05/17	-0.73	±	0.92	-2.69	±	3.40	No
	07/12/17	0.12	±	0.98	0.45	±	3.63	No
	07/19/17	-0.79	±	0.93	-2.93	±	3.44	No
	07/26/17	-0.19	±	0.91	-0.68	±	3.38	No
	08/02/17	0.51	±	0.98	1.89	±	3.64	No
	08/09/17	0.35	±	1.42	1.28	±	5.25	No
	08/16/17	2.46	±	1.55	9.10	±	5.74	No
	08/23/17	-0.37	±	0.92	-1.37	±	3.39	No
	08/30/17	-1.00	±	0.95	-3.69	±	3.50	No
	09/06/17	0.22	±	1.23	0.83	±	4.55	No
	09/13/17	2.43	±	1.27	8.99	±	4.70	No
	09/20/17	0.23	±	0.98	0.84	±	3.61	No
	09/27/17	0.55	±	0.97	2.02	±	3.57	No
ATOMIC CITY	07/05/17	-0.75	±	0.95	-2.78	±	3.52	No
	07/12/17	0.11	±	0.89	0.41	±	3.29	No
	07/19/17	-0.76	±	0.89	-2.80	±	3.29	No
	07/26/17	-0.18	±	0.87	-0.65	±	3.20	No
	08/02/17	0.50	±	0.96	1.84	±	3.54	No
	08/09/17	0.25	±	1.01	0.91	±	3.74	No
	08/16/17	1.84	±	1.16	6.81	±	4.29	No
	08/23/17	-0.35	±	0.87	-1.30	±	3.20	No
	08/30/17	-1.07	±	1.01	-3.96	±	3.74	No
	09/06/17	0.19	±	1.03	0.69	±	3.81	No
	09/13/17	2.14	±	1.12	7.92	±	4.14	No
	09/20/17	0.22	±	0.95	0.83	±	3.53	No
	09/27/17	0.55	±	0.97	2.02	±	3.58	No
BLUE DOME	07/05/17	0.99	±	0.84	3.64	±	3.12	No
	07/12/17	-0.27	±	0.83	-0.98	±	3.07	No
	07/19/17	-0.96	±	0.86	-3.54	±	3.16	No
	07/26/17	0.23	±	0.83	0.85	±	3.06	No
	08/02/17	-0.20	±	0.83	-0.73	±	3.09	No
	08/09/17	-0.13	±	0.92	-0.50	±	3.39	No
	08/16/17	-0.02	±	1.10	-0.07	±	4.07	No
	08/23/17	0.17	±	0.79	0.64	±	2.93	No
	08/30/17	-0.87	±	0.85	-3.20	±	3.14	No
	09/06/17	-0.99	±	0.98	-3.68	±	3.62	No
	09/13/17	-0.64	±	0.99	-2.35	±	3.66	No
	09/20/17	0.12	±	0.80	0.45	±	2.96	No
	09/27/17	2.00	±	2.54	7.40	±	9.40	No
FAA TOWER	07/05/17	1.08	±	0.92	4.00	±	3.40	No
	07/12/17	-0.27	±	0.84	-0.99	±	3.10	No
	07/19/17	-0.94	±	0.84	-3.47	±	3.10	No
	07/26/17	0.25	±	0.88	0.91	±	3.26	No
	08/02/17	-0.20	±	0.85	-0.75	±	3.14	No
	08/09/17	-0.15	±	1.00	-0.54	±	3.70	No
	08/16/17	-0.03	±	1.54	-0.10	±	5.70	No
	08/23/17	0.18	±	0.81	0.66	±	3.00	No
	08/30/17	-0.90	±	0.88	-3.33	±	3.27	No
	09/06/17	-0.96	±	0.94	-3.54	±	3.48	No
	09/13/17	-0.58	±	0.90	-2.14	±	3.33	No

Table C-2. Weekly Iodine-131 Activity in Air.

Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty			Result ± 1s Uncertainty			Result > 3s
		(x 10 ⁻¹⁵ µCi/mL)			(x 10 ⁻¹¹ Bq/mL)			
HOWE	09/20/17	0.13	±	0.83	0.47	±	3.09	No
	09/27/17	2.18	±	2.77	8.07	±	10.25	No
	07/05/17	1.01	±	0.86	3.74	±	3.19	No
	07/12/17	-0.24	±	0.76	-0.90	±	2.81	No
	07/19/17	-0.89	±	0.80	-3.30	±	2.95	No
	07/26/17	0.22	±	0.80	0.83	±	2.95	No
	08/02/17	-0.20	±	0.85	-0.74	±	3.13	No
	08/09/17	-0.16	±	1.09	-0.59	±	4.03	No
	08/16/17	-0.02	±	1.28	-0.08	±	4.74	No
	08/23/17	0.17	±	0.79	0.64	±	2.92	No
MONTEVIEW	08/30/17	-0.92	±	0.90	-3.39	±	3.32	No
	09/06/17	-1.10	±	1.08	-4.07	±	4.00	No
	09/13/17	-0.81	±	1.25	-2.99	±	4.63	No
	09/20/17	0.12	±	0.76	0.43	±	2.82	No
	09/27/17	2.02	±	2.56	7.47	±	9.47	No
	07/05/17	1.14	±	0.97	4.22	±	3.60	No
	07/12/17	-0.27	±	0.84	-1.00	±	3.12	No
	07/19/17	-1.06	±	0.95	-3.92	±	3.52	No
	07/26/17	0.27	±	0.96	1.00	±	3.56	No
	08/02/17	-0.21	±	0.88	-0.78	±	3.27	No
MUD LAKE	08/09/17	-0.22	±	1.50	-0.81	±	5.55	No
	08/16/17	-0.02	±	1.27	-0.08	±	4.70	No
	08/23/17	0.18	±	0.80	0.65	±	2.97	No
	08/30/17	-0.83	±	0.82	-3.09	±	3.03	No
	09/06/17	-0.91	±	0.90	-3.37	±	3.32	No
	09/13/17	-0.78	±	1.22	-2.90	±	4.51	No
	09/20/17	0.12	±	0.78	0.44	±	2.87	No
	09/27/17	2.06	±	2.62	7.62	±	9.69	No
	07/05/17	1.03	±	0.88	3.81	±	3.26	No
	07/12/17	-0.28	±	0.86	-1.02	±	3.19	No
DISTANT BLACKFOOT	07/19/17	-0.95	±	0.85	-3.50	±	3.13	No
	07/26/17	0.28	±	1.01	1.05	±	3.74	No
	08/02/17	-0.20	±	0.85	-0.75	±	3.16	No
	08/09/17	-0.16	±	1.08	-0.58	±	4.00	No
	08/16/17	-0.02	±	1.05	-0.07	±	3.89	No
	08/23/17	0.18	±	0.82	0.67	±	3.02	No
	08/30/17	-0.94	±	0.93	-3.49	±	3.42	No
	09/06/17	-0.92	±	0.90	-3.40	±	3.34	No
	09/13/17	-0.94	±	1.46	-3.48	±	5.40	No
	09/20/17	0.12	±	0.76	0.43	±	2.83	No
09/27/17	2.14	±	2.72	7.92	±	10.06	No	

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		(x 10 ⁻¹⁵ µCi/mL)			(x 10 ⁻¹¹ Bq/mL)			
	09/06/17	0.18	±	0.99	0.67	±	3.66	No
	09/13/17	2.19	±	1.15	8.10	±	4.26	No
	09/20/17	0.20	±	0.86	0.74	±	3.17	No
	09/27/17	0.51	±	0.91	1.89	±	3.35	No
QA-1 (BLACKFOOT)	07/05/17	-0.76	±	0.96	-2.80	±	3.54	No
	07/12/17	0.11	±	0.90	0.41	±	3.33	No
	07/19/17	-0.78	±	0.91	-2.87	±	3.37	No
	07/26/17	-0.17	±	0.85	-0.64	±	3.14	No
	08/02/17	0.49	±	0.94	1.80	±	3.48	No
	08/09/17	0.29	±	1.19	1.07	±	4.40	No
	08/16/17	2.37	±	1.49	8.77	±	5.51	No
	08/23/17	-0.37	±	0.92	-1.38	±	3.41	No
	08/30/17	-0.98	±	0.93	-3.61	±	3.43	No
	09/06/17	0.18	±	0.98	0.65	±	3.61	No
	09/13/17	2.20	±	1.15	8.14	±	4.26	No
	09/20/17	0.22	±	0.96	0.83	±	3.53	No
	09/27/17	0.50	±	0.88	1.84	±	3.27	No
CRATERS	07/05/17	-0.74	±	0.94	-2.75	±	3.48	No
	07/12/17	0.12	±	0.99	0.46	±	3.67	No
	07/19/17	-0.81	±	0.95	-2.99	±	3.51	No
	07/26/17	-0.19	±	0.91	-0.68	±	3.38	No
	08/02/17	0.52	±	0.99	1.91	±	3.67	No
	08/09/17	0.24	±	0.98	0.88	±	3.63	No
	08/16/17	2.35	±	1.48	8.70	±	5.48	No
	08/23/17	-0.37	±	0.92	-1.38	±	3.41	No
	08/30/17	-1.10	±	1.04	-4.07	±	3.85	No
	09/06/17	0.21	±	1.13	0.76	±	4.18	No
	09/13/17	2.59	±	1.36	9.58	±	5.03	No
	09/20/17	0.21	±	0.89	0.77	±	3.28	No
	09/27/17	0.56	±	0.99	2.06	±	3.66	No
DUBOIS	07/05/17	1.24	±	1.06	4.59	±	3.92	No
	07/12/17	-0.28	±	0.89	-1.05	±	3.27	No
	07/19/17	-1.05	±	0.94	-3.89	±	3.49	No
	07/26/17	0.29	±	1.03	1.07	±	3.81	No
	08/02/17	-0.21	±	0.88	-0.77	±	3.24	No
	08/09/17	-0.16	±	1.07	-0.58	±	3.96	No
	08/16/17	-0.02	±	1.11	-0.07	±	4.11	No
	08/23/17	0.20	±	0.92	0.75	±	3.42	No
	08/30/17	-0.92	±	0.91	-3.42	±	3.36	No
	09/06/17	-1.08	±	1.06	-4.00	±	3.92	No
	09/13/17	-0.73	±	1.13	-2.69	±	4.18	No
	09/20/17	0.12	±	0.81	0.46	±	3.00	No
	09/27/17	2.07	±	2.62	7.66	±	9.69	No
IDAHO FALLS	07/05/17	1.08	±	0.92	4.00	±	3.41	No
	07/12/17	-0.28	±	0.88	-1.04	±	3.25	No
	07/19/17	-1.03	±	0.92	-3.81	±	3.40	No
	07/26/17	0.25	±	0.88	0.91	±	3.26	No
	08/02/17	-0.21	±	0.86	-0.76	±	3.19	No
	08/09/17	-0.23	±	1.54	-0.84	±	5.70	No
	08/16/17	-0.02	±	1.21	-0.08	±	4.48	No
	08/23/17	0.18	±	0.83	0.68	±	3.09	No

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Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty		Result ± 1s Uncertainty			Result > 3s
		(x 10 ⁻¹⁵ µCi/mL)		(x 10 ⁻¹¹ Bq/mL)			
	08/30/17	-0.88	± 0.86	-3.26	± 3.19		No
	09/06/17	-1.06	± 1.04	-3.92	± 3.85		No
	09/13/17	-0.86	± 1.34	-3.19	± 4.96		No
	09/20/17	0.13	± 0.85	0.48	± 3.13		No
	09/27/17	2.06	± 2.61	7.62	± 9.66		No
JACKSON	07/05/17	0.27	± 0.58	1.00	± 2.14		No
	07/12/17	0.30	± 2.41	1.11	± 8.92		No
	07/19/17	-0.76	± 0.89	-2.82	± 3.30		No
	07/26/17	-0.19	± 0.91	-0.68	± 3.37		No
	08/02/17	0.48	± 0.93	1.79	± 3.45		No
	08/09/17	0.29	± 1.18	1.06	± 4.37		No
	08/16/17	1.86	± 1.17	6.88	± 4.33		No
	08/23/17	-0.37	± 0.91	-1.37	± 3.37		No
	08/30/17	-1.10	± 1.05	-4.07	± 3.89		No
	09/06/17	0.21	± 1.12	0.76	± 4.14		No
	09/13/17	3.12	± 1.64	11.54	± 6.07		No
	09/20/17	0.22	± 0.92	0.80	± 3.40		No
	09/27/17	0.49	± 0.87	1.82	± 3.23		No
SUGAR CITY	07/05/17	0.96	± 0.82	3.53	± 3.02		No
	07/12/17	-0.24	± 0.74	-0.88	± 2.75		No
	07/19/17	-0.89	± 0.79	-3.29	± 2.94		No
	07/26/17	0.23	± 0.81	0.84	± 3.01		No
	08/02/17	-0.19	± 0.81	-0.71	± 2.99		No
	08/09/17	-0.20	± 1.37	-0.74	± 5.07		No
	08/16/17	-0.02	± 1.21	-0.08	± 4.48		No
	08/23/17	0.16	± 0.73	0.60	± 2.70		No
	08/30/17	-0.83	± 0.81	-3.06	± 3.00		No
	09/06/17	-0.83	± 0.82	-3.08	± 3.03		No
	09/13/17	-0.57	± 0.89	-2.11	± 3.27		No
	09/20/17	0.12	± 0.77	0.43	± 2.84		No
	09/27/17	2.02	± 2.56	7.47	± 9.47		No
QA-2 (SUGAR CITY)	07/05/17	0.99	± 0.85	3.67	± 3.14		No
	07/12/17	-0.24	± 0.75	-0.89	± 2.78		No
	07/19/17	-0.90	± 0.80	-3.32	± 2.97		No
	07/26/17	0.22	± 0.78	0.81	± 2.88		No
	08/02/17	-0.20	± 0.83	-0.73	± 3.06		No
	08/09/17	-0.20	± 1.38	-0.75	± 5.11		No
	08/16/17	-0.02	± 1.37	-0.09	± 5.07		No
	08/23/17	0.17	± 0.76	0.62	± 2.81		No
	08/30/17	-0.91	± 0.90	-3.38	± 3.32		No
	09/06/17	-0.80	± 0.79	-2.97	± 2.93		No
	09/13/17	-0.58	± 0.91	-2.16	± 3.35		No
	09/20/17	0.12	± 0.82	0.46	± 3.02		No
	09/27/17	1.97	± 2.50	7.29	± 9.25		No
INL SITE							
EFS	07/05/17	-0.87	± 1.10	-3.22	± 4.07		No
	07/12/17	0.13	± 1.04	0.48	± 3.85		No
	07/19/17	-0.88	± 1.03	-3.26	± 3.81		No
	07/26/17	-0.23	± 1.16	-0.87	± 4.29		No
	08/02/17	0.72	± 1.39	2.66	± 5.14		No
	08/09/17	0.34	± 1.39	1.24	± 5.14		No

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Sampling Group and Location	Sampling Date	Result ± 1s Uncertainty		Result ± 1s Uncertainty		Result > 3s
		(x 10 ⁻¹⁵ µCi/mL)		(x 10 ⁻¹¹ Bq/mL)		
	08/16/17	2.38	± 1.50	8.81	± 5.55	No
	08/23/17	-0.45	± 1.11	-1.67	± 4.11	No
	08/30/17	-1.39	± 1.32	-5.14	± 4.88	No
	09/06/17	0.32	± 1.78	1.20	± 6.59	No
	09/13/17	3.14	± 1.64	11.62	± 6.07	No
	09/20/17	0.32	± 1.37	1.19	± 5.07	No
	09/27/17	0.88	± 1.56	3.26	± 5.77	No
MAIN GATE	07/05/17	-0.74	± 0.93	-2.72	± 3.44	No
	07/12/17	0.11	± 0.89	0.41	± 3.30	No
	07/19/17	-0.81	± 0.95	-2.99	± 3.51	No
	07/26/17	-0.18	± 0.89	-0.67	± 3.30	No
	08/02/17	0.56	± 1.08	2.08	± 4.00	No
	08/09/17	0.25	± 1.04	0.94	± 3.85	No
	08/16/17	2.08	± 1.31	7.70	± 4.85	No
	08/23/17	-0.37	± 0.92	-1.37	± 3.39	No
	08/30/17	-1.00	± 0.95	-3.69	± 3.50	No
	09/06/17	0.20	± 1.07	0.72	± 3.96	No
	09/13/17	2.10	± 1.10	7.77	± 4.07	No
	09/20/17	0.20	± 0.87	0.75	± 3.20	No
	09/27/17	0.57	± 1.00	2.09	± 3.70	No
VAN BUREN GATE	07/05/17	-0.74	± 0.94	-2.74	± 3.46	No
	07/12/17	0.12	± 0.93	0.43	± 3.46	No
	07/19/17	-0.80	± 0.94	-2.96	± 3.47	No
	07/26/17	-0.19	± 0.95	-0.71	± 3.50	No
	08/02/17	0.53	± 1.01	1.95	± 3.74	No
	08/09/17	0.26	± 1.08	0.97	± 4.00	No
	08/16/17	2.15	± 1.36	7.96	± 5.03	No
	08/23/17	-0.38	± 0.95	-1.42	± 3.50	No
	08/30/17	-1.02	± 0.97	-3.77	± 3.59	No
	09/06/17	0.20	± 1.10	0.74	± 4.07	No
	09/13/17	2.17	± 1.14	8.03	± 4.22	No
	09/20/17	0.21	± 0.91	0.79	± 3.37	No
	09/27/17	0.52	± 0.93	1.93	± 3.42	No

a. Invalid sample result shown in red.