Radon Monitoring Results from BPA's Residential Conservation Programs

Report No. 14

Received 1/3/92
MAY 12 1992

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

BONNEVILLE POWER ADMINISTRATION
RESIDENTIAL CONSERVATION PROGRAMS RADON MONITORING
REPORT NO. 14

DOE/BP--1800

DE92 013329

Listed on the following pages are the accumulated results of the Bonneville Power Administration regionwide Residential Conservation Programs radon monitoring received as of January 1, 1992. This data represents only those readings within the service areas of utilities (and the State of Washington, Department of Community Development) who participate in the Residential Weatherization, Super Good Cents, and Northwest Energy Code Programs. Several areas in the Pacific Northwest are excluded in this evaluation. In addition, the amount of results received is heavily weighted by the number of homes monitored through large utility conservation programs located in Western Oregon and Washington. Due to these limitations, we do not recommend that any conclusions be made on a statewide or regionwide basis. We have provided this regional and statewide data for illustrative purposes only.

This report provides a summary of all the data collected for weatherized existing homes (WXN) and new homes built to model conservation standards (MCS) in the States of Oregon, Washington, Idaho, Montana, and Wyoming. Specific data is listed by U. S. Geological Survey designated range and township locations. The specific data listed by range and township includes only those townships with a minimum of five radon readings. This has been done to protect the privacy of those residences participating in the program.

The radon measurement results contained in this report were conducted by passive alpha-track radon detectors. The Conservation Programs require that the detectors be placed in residences for a minimum of 3 winter months, up to 1 year in length.

Histograms of the radon concentrations and of the natural logarithm of the radon concentrations are included for the Northwest Region and each of the states. The natural logarithm histogram supports the conclusion of a log-normal distribution for indoor radon levels and also shows the loss of accuracy of the detectors exposed for three months to concentrations less than 1 pCi/l.

Unusually high readings for certain areas has prompted remonitoring of specific homes to identify anomolous data. The database has been corrected by replacing the anomolous data with the remonitored value.

Bonneville recognizes that results of the radon monitoring in the Weatherization Program may be useful to both State and Federal Agencies. As a result, Bonneville participates in information sharing seminars with Region X of the U. S. Environmental Protection Agency, the Health Departments from the States located in the Bonneville service area, and other interested parties. Bonneville provides radon monitoring data to those agencies which request this data.

MASTER REACTED

Jan 1992 PACIFIC NORTHWEST RADON DATA

STATE	PROGRAM	NUMBER OF SITES *	HIGHEST READING	ARITHMETIC MEAN	GEOMETRIC MEAN	PERCENT OVER 4pCi/l **	PERCENT OVER 5pCi/l ***
OREGON	WXN	13375	73.0	1.21	0.76	3.95	2.58
	MCS	884	31.3	0.92	0.54	2.38	2.04
WASHINGTON	WXN	22933	92.4	1.04	0.58	3.31	2.40
	MCS	1070	42.3	1.62	0.88	8.69	6.26
IDAHO	WXN	1539	64.0	3.95	2.34	25.86	21.18
	MCS	181	58.2	3.60	1.64	18.78	14.36
MONTANA	WXN	144	79.4	5.27	2.83	34.03	26.39
	MCS	61	50.0	6.13	3.44	42.62	34.43
WYOMING	WXN	191	52.7	6.44	4.82	61.26	50.79
	MCS	30	15.2	5.17	3.62	40.00	36.67
REGION	WXN	38182	92.4	1.26	0.69	4.85	3.55
	MCS	2226	58.2	1.67	0.81	8.36	6.42

* Includes only sites for which there is complete range and township information; the total number of monitored sites is 42,996. (see histograms for state by state breakdown)

** This level (4 pCi/l) represents the current Environmental Protection Agency Indoor Radon Guideline.

*** This level (5 pCi/l) represents the BPA Radon Action Level.

(WP-RMRD-0462r)

The means of the Model Conservation Standards program and the Weatherization program may be inappropriately compared due to the format of the preceding table. The geology beneath a residence has been determined to be the greatest factor contributing to its indoor radon levels, therefore any comparison should address location. A greater percentage of new homes were built to model conservation standards in the colder eastern regions of Oregon and Washington, which coincidentally happen to have higher average radium soil concentrations. To minimize the misconception that the means differ greatly, the following table of weighted means is provided.

The MCS weighted mean is calculated in the same manner as the preceding table, but includes only range and townships with five or more readings. The WXN weighted mean is calculated for the same range and townships as the MCS weighted mean. In the following equations that express the mathematical algorithm for computation, nm_j is the number of MCS homes in the j -th township. And rm_j and rw_j are the average radon concentrations for MCS and weatherized homes for the j -th township.

$$MCS = \frac{\sum_j nm_j * \overline{rm}_j}{\sum_j nm_j}$$

$$WXN = \frac{\sum_j nm_j * \overline{rw}_j}{\sum_j nm_j}$$

STATE	PROGRAM	NUMBER OF SITES	WEIGHTED ARITHMETIC MEAN	WEIGHTED GEOMETRIC MEAN
OREGON	WXN		1.01	0.69
	MCS	535	0.87	0.48
WASHINGTON	WXN		1.28	0.75
	MCS	703	1.43	0.77
IDAHO	WXN		2.44	1.72
	MCS	37	2.08	1.54
WYOMING	WXN		4.63	3.13
	MCS	8	4.09	2.79
<hr/>				
REGION	WXN		1.22	0.74
	MCS	1283	1.23	0.65

For More Information:

For more specific information, or to request placement on the mailing list, write to:

Residential Radon Monitoring - RMRD
Bonneville Power Administration
P. O. Box 3621
Portland, Oregon 97208

BPA's RESIDENTIAL CONSERVATION PROGRAMS

PERCENT DISTRIBUTION OF INDOOR RADON ABOVE 5 pCi/l

OREGON

LEGEND

PERCENT OF SITES OVER 5 pCi/l

DATA AVAILABLE - LESS THAN 5 SITES PER TOWNSHIP

0.00%

0.01 - 5.00%

5.01 - 10.00%

10.01% OR MORE

Note: Radon concentrations depicted are for townships monitored throughout the Pacific Northwest. Townships without monitoring data are not shown.

Total number of sites = 41585 - January 1992

For Washington, Oregon, Idaho, Montana, and Wyoming

Source data: Bonneville Power Administration.

BPA GEOGRAPHIC INFORMATION SYSTEM

Bonneville Power Administration

BPA's RESIDENTIAL CONSERVATION PROGRAMS

PERCENT DISTRIBUTION OF INDOOR RADON ABOVE 5 pCi/l

WASHINGTON

LEGEND

PERCENT OF SITES OVER 5 pCi/l

DATA AVAILABLE - LESS THAN 5 SITES PER TOWNSHIP

0.00%

0.01 - 5.00%

5.01 - 10.00%

10.01% OR MORE

Note: Radon concentrations depicted are for townships monitored throughout the Pacific Northwest. Townships without monitoring data are not shown.

Total number of sites = 41585 - January 1992
For Washington, Oregon, Idaho, Montana, and Wyoming

Source data: Bonneville Power Administration.

BPA GEOGRAPHIC INFORMATION SYSTEM

Bonneville Power Administration

BPA's RESIDENTIAL CONSERVATION PROGRAMS

PERCENT DISTRIBUTION OF INDOOR RADON ABOVE 5 pCi/l

LEGEND

PERCENT OF SITES OVER 5 pCi/l

DATA AVAILABLE - LESS THAN 5
SITES PER TOWNSHIP

0.00%

0.01 - 5.00%

5.01 - 10.00%

10.01% OR MORE

IDAHO, W. MONTANA
W. WYOMING

Note: Radon concentrations depicted are for townships
monitored throughout the Pacific Northwest. Townships
without monitoring data are not shown.

Total number of sites = 41585 - January 1992
For Washington, Oregon, Idaho, Montana, and Wyoming

Source data: Bonneville Power Administration

GIS GEOGRAPHIC
INFORMATION
SYSTEM
Bonneville Power Administration

Residential Conservation Programs

Northwest Radon Distribution

*includes readings without range and township data

Residential Conservation Programs

Northwest Radon Distribution

*includes readings without range and township data

Residential Conservation Programs

Oregon Radon Distribution

*includes readings without range and township data

Residential Conservation Programs

Oregon Radon Distribution

*includes readings without range and township data

Residential Conservation Programs

Washington Radon Distribution

*includes readings without range and township data

Residential Conservation Programs

Washington Radon Distribution

*includes readings without range and township data

Residential Conservation Programs

Idaho Radon Distribution

*includes readings without range and township data.

Residential Conservation Programs

Idaho Radon Distribution

*includes readings without range and township data

Residential Conservation Programs

Montana Radon Distribution

* includes readings without range and township data

Residential Conservation Programs

Montana Radon Distribution

*includes readings without range and township data

Residential Conservation Programs

Wyoming Radon Distribution

*includes readings without range or township data

Residential Conservation Programs

Wyoming Radon Distribution

*includes readings without range and township data

OREGON WEATHERIZED EXISTING HOMES

IDENT	NUMBER SITES	HIGHEST READING	4 OR GRTR	5 OR GRTR	ARITH MEAN	GEOM MEAN	< 42 DAYS	<121 DAYS	<211 DAYS	<301 DAYS	<421 DAYS
ALL SITES	13375	73.00	528	345	1.21	0.76	2.06	1.47	1.34	0.80	1.07
ALL SITES-							13.	4347.	4110.	3751.	1045.
ORT08NR06W	20	10.73	5	5	3.22	1.99	0.00	3.21	4.56	0.60	0.00
ORT08NR06W-							0.	11.	6.	3.	0.
ORT08NR04W	32	3.66	0	0	1.41	1.04	0.00	1.91	1.06	0.83	0.53
ORT08NR04W-							0.	17.	7.	4.	3.
ORT08NR03W	12	5.60	2	2	2.42	1.97	0.00	2.77	2.13	1.05	2.20
ORT08NR03W-							0.	7.	3.	1.	1.
ORT07NR05W	19	10.95	3	2	2.15	1.37	0.00	3.26	1.15	0.00	0.00
ORT07NR05W-							0.	9.	10.	0.	0.
ORT07NR04W	133	16.00	25	15	2.65	1.96	0.00	2.99	2.19	1.81	0.00
ORT07NR04W-							0.	81.	42.	10.	0.
ORT07NR03W	33	73.00	3	1	4.01	1.63	0.00	7.90	1.61	0.65	0.90
ORT07NR03W-							0.	13.	17.	2.	1.
ORT07NR02W	6	2.80	0	0	1.30	1.10	0.00	1.50	1.15	2.80	0.60
ORT07NR02W-							0.	1.	2.	1.	2.
ORT06NR02W	5	2.40	0	0	1.24	0.99	0.00	0.00	2.20	0.00	0.60
ORT06NR02W-							0.	0.	2.	0.	3.
ORT06NR35E	32	24.35	6	6	3.96	1.82	3.25	5.50	6.23	1.15	1.20
ORT06NR35E-							1.	12.	7.	7.	5.
ORT05NR35E	233	18.84	62	41	3.10	2.13	0.00	3.41	2.18	2.11	2.47
ORT05NR35E-							0.	175.	34.	21.	3.
ORT05NR36E	10	4.21	1	0	1.95	1.57	0.00	2.26	0.95	1.65	0.00
ORT05NR36E-							0.	6.	1.	3.	0.
ORT04NR04W	12	5.60	1	1	1.69	1.36	0.00	0.00	1.36	1.20	2.80
ORT04NR04W-							0.	0.	7.	1.	3.
ORT04NR02W	10	3.70	0	0	1.79	1.37	0.00	0.00	2.53	1.75	1.08
ORT04NR02W-							0.	0.	4.	2.	4.
ORT04NR01W	21	4.60	1	0	1.04	0.76	0.00	1.85	1.29	0.55	0.45
ORT04NR01W-							0.	2.	11.	4.	4.
ORT04NR28E	5	2.60	0	0	1.24	0.63	0.00	1.24	0.00	0.00	0.00
ORT04NR28E-							0.	5.	0.	0.	0.
ORT03NR10W	32	1.73	0	0	0.62	0.47	1.73	0.52	0.59	0.83	0.70
ORT03NR10W-							1.	14.	13.	3.	1.
ORT03NR02W	7	2.80	0	0	1.90	1.77	0.00	0.00	2.22	0.00	1.10
ORT03NR02W-							0.	0.	5.	0.	2.
ORT03NR10E	779	30.80	46	34	1.61	0.97	0.58	1.68	1.74	2.16	1.04
ORT03NR10E-							1.	196.	386.	45.	144.
ORT03NR11E	22	9.29	3	2	1.92	1.01	0.00	1.93	2.61	0.47	2.00
ORT03NR11E-							0.	10.	6.	3.	3.
ORT02NR10W	30	1.19	0	0	0.44	0.37	0.00	0.43	0.47	0.11	0.00
ORT02NR10W-							0.	15.	14.	1.	0.
ORT02NR07E	48	17.70	6	4	2.85	2.16	0.00	2.60	3.79	2.06	0.50
ORT02NR07E-							0.	28.	14.	5.	1.
ORT02NR10E	865	46.52	95	70	2.23	1.22	8.72	2.11	2.81	1.23	1.89
ORT02NR10E-							1.	241.	354.	107.	141.
ORT02NR11E	106	5.71	6	2	1.25	0.89	0.00	1.06	1.52	1.08	1.09
ORT02NR11E-							0.	28.	46.	19.	11.
ORT02NR13E	23	3.60	0	0	1.07	0.87	0.00	2.30	0.76	0.71	1.42
ORT02NR13E-							0.	3.	5.	10.	4.
ORT01NR10W	47	3.57	0	0	0.83	0.63	0.00	0.63	0.96	0.74	0.00
ORT01NR10W-							0.	18.	28.	1.	0.
ORT01NR04W	57	8.00	5	3	1.97	1.55	0.00	2.18	1.31	0.00	0.58
ORT01NR04W-							0.	44.	12.	0.	1.
ORT01NR03W	59	4.39	1	0	1.81	1.52	0.81	1.83	1.91	0.00	0.09
ORT01NR03W-							1.	37.	19.	0.	1.
ORT01NR09E	18	4.70	1	0	1.25	0.95	0.00	0.61	1.57	0.65	1.10
ORT01NR09E-							0.	2.	11.	2.	1.
ORT01NR10E	299	22.76	25	19	1.72	0.83	0.00	1.72	1.54	2.15	2.15
ORT01NR10E-							0.	93.	126.	39.	34.
ORT01NR13E	163	17.40	6	4	1.32	0.91	4.90	1.89	1.05	0.84	1.56
ORT01NR13E-							1.	48.	28.	61.	19.
ORT01SR10W	87	6.96	2	2	1.02	0.72	0.00	1.14	0.71	0.34	0.60
ORT01SR10W-							0.	65.	18.	2.	2.
ORT01SR09W	93	13.70	10	7	1.70	1.02	0.00	1.33	2.65	0.00	0.00
ORT01SR09W-							0.	65.	26.	0.	0.
ORT01SR04W	5	1.80	0	0	1.18	1.10	0.00	1.30	0.70	0.00	0.00
ORT01SR04W-							0.	4.	1.	0.	0.
ORT01SR03W	74	4.39	1	0	1.70	1.38	0.00	1.78	1.39	1.13	0.00
ORT01SR03W-							0.	60.	12.	2.	0.
ORT01SR09E	7	4.23	1	0	1.53	1.20	0.00	1.30	1.62	0.00	0.00
ORT01SR09E-							0.	2.	5.	0.	0.
ORT01SR10E	41	17.32	3	2	1.82	1.09	0.00	2.79	1.59	0.66	0.81
ORT01SR10E-							0.	17.	11.	5.	8.
ORT01SR13E	6	3.00	0	0	1.70	1.56	0.00	2.25	1.43	0.00	0.00
ORT01SR13E-							0.	2.	4.	0.	0.

ORT02SR10W	13	2.74	0	0	0.90	0.66	0.00	0.97	0.73	0.00	1.10
ORT02SR10W-							0.	8.	4.	0.	1.
ORT02SR09W	27	8.10	3	3	1.55	1.08	0.00	1.49	2.02	1.17	0.00
ORT02SR09W-							0.	19.	5.	3.	0.
ORT03SR09W	10	7.00	1	1	1.70	1.16	0.00	1.64	2.30	0.90	0.00
ORT03SR09W-							0.	7.	2.	1.	0.
ORT03SR01E	57	6.80	4	3	2.42	2.15	0.00	2.83	1.72	0.00	0.00
ORT03SR01E-							0.	36.	21.	0.	0.
ORT04SR10W	27	4.60	1	0	0.79	0.42	0.00	0.96	0.65	0.10	0.00
ORT04SR10W-							0.	14.	12.	1.	0.
ORT04SR04W	444	15.75	10	4	1.47	1.18	0.00	2.03	1.41	1.01	1.26
ORT04SR04W-							0.	134.	153.	133.	23.
ORT05SR11W	5	0.70	0	0	0.37	0.33	0.00	0.36	0.37	0.00	0.00
ORT05SR11W-							0.	2.	3.	0.	0.
ORT07SR04W	6	67.25	3	3	19.44	5.58	0.00	15.50	23.38	0.00	0.00
ORT07SR04W-							0.	3.	3.	0.	0.
ORT07SR03W	694	15.74	32	20	1.43	1.08	0.00	1.85	1.42	1.16	1.11
ORT07SR03W-							0.	193.	226.	244.	30.
ORT08SR05W	58	8.26	6	3	1.88	1.41	0.00	2.85	2.32	1.22	2.13
ORT08SR05W-							0.	9.	17.	25.	6.
ORT08SR04W	93	16.90	5	3	1.89	1.44	0.00	2.35	2.36	1.08	1.48
ORT08SR04W-							0.	19.	35.	26.	12.
ORT09SR11W	5	1.00	0	0	0.46	0.38	0.00	0.00	0.46	0.00	0.00
ORT09SR11W-							0.	0.	5.	0.	0.
ORT10SR11W	7	0.53	0	0	0.37	0.34	0.00	0.45	0.44	0.18	0.17
ORT10SR11W-							0.	2.	3.	1.	1.
ORT10SR10W	11	6.60	2	2	1.92	1.18	0.00	4.05	1.98	1.02	0.00
ORT10SR10W-							0.	2.	4.	5.	0.
ORT10SR05W	7	2.07	0	0	1.18	1.10	0.00	0.70	1.33	0.94	0.00
ORT10SR05W-							0.	1.	5.	1.	0.
ORT10SR04W	76	15.33	14	8	2.36	1.40	0.00	2.64	1.70	1.60	4.70
ORT10SR04W-							0.	51.	20.	4.	1.
ORT11SR11W	217	11.30	2	2	0.65	0.42	0.00	0.75	0.73	0.64	0.46
ORT11SR11W-							1.	19.	67.	99.	30.
ORT11SR10W	78	6.46	2	2	1.35	1.04	0.00	1.33	1.34	1.38	1.23
ORT11SR10W-							0.	11.	21.	38.	8.
ORT11SR06W	8	2.90	0	0	1.29	1.03	0.00	1.16	2.90	0.00	0.45
ORT11SR06W-							0.	6.	1.	0.	1.
ORT11SR05W	38	6.50	2	1	0.98	0.70	0.00	0.78	1.39	1.33	0.76
ORT11SR05W-							0.	22.	6.	7.	3.
ORT12SR11W	12	0.90	0	0	0.40	0.31	0.00	0.20	0.41	0.45	0.40
ORT12SR11W-							0.	2.	3.	6.	1.
ORT12SR06W	11	3.71	0	0	1.16	0.92	0.00	1.33	0.94	0.80	0.00
ORT12SR06W-							0.	7.	2.	2.	0.
ORT12SR02W	15	2.12	0	0	0.81	0.63	0.00	0.90	0.80	0.80	0.69
ORT12SR02W-							0.	3.	10.	1.	1.
ORT12SR18E	7	2.60	0	0	1.66	1.51	0.00	1.78	0.00	0.00	0.90
ORT12SR18E-							0.	6.	0.	0.	1.
ORT13SR11W	102	2.10	0	0	0.55	0.46	0.00	0.53	0.48	0.66	0.46
ORT13SR11W-							0.	48.	15.	29.	8.
ORT13SR10W	8	5.90	3	1	2.79	1.63	0.00	5.90	4.20	2.93	0.25
ORT13SR10W-							0.	1.	1.	4.	2.
ORT13SR05W	5	6.70	1	1	1.79	0.89	0.00	3.75	0.00	0.48	0.00
ORT13SR05W-							0.	2.	0.	3.	0.
ORT14SR12W	5	1.20	0	0	0.86	0.77	0.00	0.80	1.20	0.75	0.00
ORT14SR12W-							0.	2.	1.	2.	0.
ORT14SR11W	27	2.42	0	0	0.65	0.49	0.00	0.80	0.86	0.59	0.23
ORT14SR11W-							0.	4.	7.	13.	3.
ORT14SR09E	5	1.90	0	0	1.05	0.82	0.00	1.26	0.20	0.00	0.00
ORT14SR09E-							0.	4.	1.	0.	0.
ORT14SR13E	5	3.40	0	0	1.51	1.25	0.00	1.71	0.70	0.00	0.00
ORT14SR13E-							0.	4.	1.	0.	0.
ORT15SR05W	8	2.60	0	0	0.76	0.50	0.00	0.66	0.00	0.00	0.82
ORT15SR05W-							0.	3.	0.	0.	5.
ORT15SR04W	12	3.00	0	0	1.17	1.01	0.00	0.00	1.45	1.02	1.03
ORT15SR04W-							0.	0.	4.	3.	5.
ORT15SR03W	8	1.10	0	0	0.71	0.65	0.00	1.00	0.74	0.35	0.00
ORT15SR03W-							0.	2.	4.	2.	0.
ORT15SR12E	7	1.90	0	0	1.06	0.98	0.00	1.65	0.89	0.56	0.00
ORT15SR12E-							0.	2.	4.	1.	0.
ORT15SR13E	13	2.10	0	0	1.14	0.93	0.00	1.12	0.84	1.88	0.00
ORT15SR13E-							0.	10.	2.	1.	0.
ORT16SR06W	9	4.00	1	0	2.34	2.12	0.00	2.57	0.00	0.00	1.50
ORT16SR06W-							0.	7.	0.	0.	2.
ORT16SR05W	9	2.40	0	0	0.92	0.76	0.00	1.27	0.60	1.63	0.56
ORT16SR05W-							0.	3.	1.	1.	4.
ORT16SR04W	45	6.55	1	1	0.85	0.62	0.00	1.30	0.74	1.05	0.75
ORT16SR04W-							0.	1.	16.	16.	11.
ORT16SR03W	38	3.60	0	0	0.74	0.56	0.00	1.31	0.66	0.83	0.45
ORT16SR03W-							0.	6.	11.	10.	10.

ORT16SR02W	20	2.40	0	0	0.91	0.77	0.00	0.00	1.04	0.84	0.89
ORT16SR02W-							0.	0.	5.	8.	7.
ORT16SR01W	5	1.14	0	0	0.75	0.70	0.00	0.00	0.60	0.80	0.77
ORT16SR01W-							0.	0.	1.	2.	2.
ORT16SR02E	17	2.58	0	0	0.90	0.72	0.00	1.41	0.78	0.53	0.73
ORT16SR02E-							0.	5.	7.	4.	1.
ORT16SR04E	6	2.02	0	0	0.93	0.78	0.00	0.00	0.99	0.00	0.86
ORT16SR04E-							0.	0.	3.	0.	2.
ORT16SR05E	8	0.85	0	0	0.48	0.44	0.00	0.40	0.51	0.52	0.31
ORT16SR05E-							0.	1.	4.	2.	1.
ORT16SR11E	6	4.30	1	0	1.83	1.35	0.00	2.70	0.97	0.00	0.00
ORT16SR11E-							0.	3.	3.	0.	0.
ORT16SR12E	7	1.71	0	0	0.95	0.85	0.00	0.89	1.03	0.00	0.00
ORT16SR12E-							0.	4.	3.	0.	0.
ORT17SR12W	15	4.30	1	0	0.94	0.62	0.00	0.92	1.70	0.50	0.00
ORT17SR12W-							0.	13.	1.	1.	0.
ORT17SR10W	8	3.10	0	0	1.19	1.02	0.00	1.53	1.17	0.80	0.60
ORT17SR10W-							0.	3.	3.	1.	1.
ORT17SR09W	11	1.80	0	0	0.95	0.86	0.00	0.93	1.30	0.88	0.00
ORT17SR09W-							0.	6.	1.	4.	0.
ORT17SR06W	37	7.57	4	4	1.79	1.16	0.00	2.00	2.92	0.83	0.82
ORT17SR06W-							0.	9.	12.	4.	12.
ORT17SR05W	59	3.68	0	0	0.86	0.62	0.00	1.37	0.98	0.86	0.63
ORT17SR05W-							0.	6.	18.	16.	18.
ORT17SR04W	1907	19.90	27	16	0.80	0.58	1.00	0.99	0.88	0.62	0.58
ORT17SR04W-							1.	637.	461.	774.	27.
ORT17SR03W	1333	14.14	16	7	0.79	0.58	0.80	0.97	0.75	0.67	0.71
ORT17SR03W-							1.	406.	349.	527.	42.
ORT17SR02W	140	15.94	5	4	0.92	0.58	0.00	1.02	1.19	0.70	0.76
ORT17SR02W-							0.	33.	39.	49.	18.
ORT17SR01W	91	2.40	0	0	0.63	0.51	0.00	0.74	0.59	0.58	0.70
ORT17SR01W-							0.	28.	26.	36.	1.
ORT17SR01E	28	4.55	1	0	0.81	0.54	0.00	0.75	0.50	1.27	0.40
ORT17SR01E-							0.	7.	11.	9.	1.
ORT17SR11E	5	3.60	0	0	1.52	1.18	0.00	2.32	0.99	0.00	0.00
ORT17SR11E-							0.	2.	3.	0.	0.
ORT17SR12E	47	3.60	0	0	1.11	0.87	0.00	1.33	0.75	1.07	0.00
ORT17SR12E-							0.	28.	16.	3.	0.
ORT17SR13E	16	1.90	0	0	0.85	0.67	0.00	1.07	0.36	0.00	0.00
ORT17SR13E-							0.	11.	5.	0.	0.
ORT18SR12W	160	1.80	0	0	0.47	0.41	0.00	0.50	0.46	0.36	0.20
ORT18SR12W-							0.	116.	16.	26.	2.
ORT18SR11W	8	2.20	0	0	1.29	1.17	0.00	1.65	0.00	0.93	0.00
ORT18SR11W-							0.	4.	0.	4.	0.
ORT18SR10W	23	4.00	1	0	1.15	0.91	0.00	1.50	0.60	0.76	0.30
ORT18SR10W-							0.	13.	1.	8.	1.
ORT18SR06W	13	3.08	0	0	1.13	0.94	0.00	1.15	1.40	1.06	0.60
ORT18SR06W-							0.	2.	5.	4.	2.
ORT18SR05W	83	9.40	2	2	1.12	0.71	0.00	1.31	1.03	1.27	0.97
ORT18SR05W-							0.	8.	22.	32.	20.
ORT18SR04W	647	8.00	7	3	0.75	0.55	0.90	0.83	0.87	0.61	0.79
ORT18SR04W-							1.	209.	162.	243.	26.
ORT18SR03W	1141	11.34	12	7	0.75	0.54	0.00	0.87	0.73	0.63	1.00
ORT18SR03W-							0.	382.	280.	435.	35.
ORT18SR02W	75	3.44	0	0	0.94	0.68	0.00	1.13	1.15	0.85	0.76
ORT18SR02W-							0.	6.	25.	23.	19.
ORT18SR01W	19	7.32	2	2	1.40	0.74	0.00	0.55	1.58	2.15	0.94
ORT18SR01W-							0.	3.	8.	4.	4.
ORT18SR03E	68	1.50	0	0	0.46	0.36	0.00	0.49	0.58	0.37	0.00
ORT18SR03E-							0.	20.	18.	30.	0.
ORT18SR12E	39	3.70	0	0	1.28	1.05	0.00	1.28	1.30	1.06	0.00
ORT18SR12E-							0.	21.	17.	1.	0.
ORT18SR13E	9	3.10	0	0	1.54	1.35	0.00	1.58	1.20	0.00	0.00
ORT18SR13E-							0.	8.	1.	0.	0.
ORT19SR12W	75	3.30	0	0	0.76	0.57	0.00	0.87	0.47	0.43	0.00
ORT19SR12W-							0.	55.	10.	10.	0.
ORT19SR11W	6	2.30	0	0	1.21	0.85	0.00	1.70	1.20	0.00	0.26
ORT19SR11W-							0.	2.	3.	0.	1.
ORT19SR04W	9	1.50	0	0	0.76	0.65	0.00	0.00	0.70	0.54	1.35
ORT19SR04W-							0.	0.	2.	5.	2.
ORT19SR03W	33	2.39	0	0	0.60	0.49	0.00	0.57	0.54	0.88	0.41
ORT19SR03W-							0.	3.	9.	10.	11.
ORT19SR02W	17	2.65	0	0	1.13	0.84	2.48	0.00	1.40	0.69	1.93
ORT19SR02W-							1.	0.	1.	11.	4.
ORT19SR01W	44	2.51	0	0	0.72	0.56	0.00	1.24	0.80	0.67	0.73
ORT19SR01W-							0.	1.	12.	21.	9.
ORT19SR11E	19	4.30	1	0	1.25	1.01	0.00	0.80	1.22	0.50	1.75
ORT19SR11E-							0.	2.	12.	1.	4.
ORT20SR03W	24	2.13	0	0	0.70	0.59	0.00	1.00	0.88	0.63	0.51
ORT20SR03W-							0.	1.	8.	9.	6.

ORT21SR12W	13	1.90	0	0	0.70	0.59	0.00	0.85	0.56	0.70	1.90
ORT21SR12W-							0.	1.	10.	1.	1.
ORT21SR07W	5	0.80	0	0	0.56	0.54	0.00	0.00	0.00	0.45	0.63
ORT21SR07W-							0.	0.	0.	2.	3.
ORT21SR04W	8	3.80	0	0	1.07	0.69	0.00	1.00	1.00	1.57	0.45
ORT21SR04W-							0.	1.	2.	3.	2.
ORT21SR03W	17	3.10	0	0	0.70	0.53	0.00	0.16	0.75	1.18	0.42
ORT21SR03W-							0.	1.	6.	4.	6.
ORT21SR02W	7	2.00	0	0	0.99	0.84	0.00	2.00	0.65	1.02	0.80
ORT21SR02W-							0.	1.	2.	2.	2.
ORT21SR02E	9	0.93	0	0	0.49	0.45	0.00	0.00	0.66	0.47	0.41
ORT21SR02E-							0.	0.	2.	4.	3.
ORT21SR03E	136	4.50	3	0	0.84	0.64	0.00	1.82	1.01	0.58	0.68
ORT21SR03E-							0.	13.	40.	55.	28.
ORT21SR10E	11	5.00	1	1	1.55	1.03	0.00	4.45	1.08	0.78	0.00
ORT21SR10E-							0.	2.	4.	5.	0.
ORT22SR12W	43	5.50	2	1	1.15	0.91	0.00	1.56	1.15	1.20	0.40
ORT22SR12W-							0.	4.	36.	1.	2.
ORT22SR09W	8	7.70	3	3	2.98	1.80	0.00	6.49	0.66	0.93	0.00
ORT22SR09W-							0.	3.	1.	4.	0.
ORT22SR07W	11	2.59	0	0	0.95	0.68	0.00	0.68	1.25	0.36	1.20
ORT22SR07W-							0.	1.	6.	3.	1.
ORT22SR06W	12	11.00	3	3	2.63	1.38	0.00	1.02	1.29	2.76	5.90
ORT22SR06W-							0.	1.	2.	8.	1.
ORT22SR05W	34	4.11	1	0	1.25	1.05	0.00	1.53	1.48	0.90	0.67
ORT22SR05W-							0.	2.	20.	9.	3.
ORT22SR04W	6	0.93	0	0	0.37	0.32	0.00	0.25	0.24	0.56	0.30
ORT22SR04W-							0.	1.	1.	2.	1.
ORT22SR10E	26	5.20	2	1	1.30	1.03	0.00	1.49	1.09	2.10	1.01
ORT22SR10E-							0.	8.	7.	3.	8.
ORT23SR12W	11	2.80	0	0	0.81	0.60	0.00	0.00	0.97	0.50	0.20
ORT23SR12W-							0.	0.	8.	2.	1.
ORT23SR07W	6	8.40	1	1	1.94	0.96	0.00	0.40	0.00	3.28	0.70
ORT23SR07W-							0.	1.	0.	3.	2.
ORT23SR05W	18	3.20	0	0	1.01	0.81	0.00	0.60	1.13	0.65	2.00
ORT23SR05W-							0.	1.	11.	5.	1.
ORT24SR13W	8	1.20	0	0	0.52	0.43	0.00	0.00	0.25	0.83	0.70
ORT24SR13W-							0.	0.	4.	3.	1.
ORT24SR05W	5	1.78	0	0	0.63	0.40	0.00	0.00	0.86	0.28	0.00
ORT24SR05W-							0.	0.	3.	2.	0.
ORT25SR05W	5	1.10	0	0	0.63	0.56	0.00	0.36	0.92	0.48	0.00
ORT25SR05W-							0.	1.	2.	2.	0.
ORT26SR12W	5	1.70	0	0	0.99	0.94	0.00	0.94	1.25	0.70	0.80
ORT26SR12W-							0.	1.	2.	1.	1.
ORT26SR07W	28	2.20	0	0	0.79	0.61	0.00	0.81	0.95	0.75	0.34
ORT26SR07W-							0.	7.	7.	12.	2.
ORT27SR07W	9	2.30	0	0	1.03	0.83	0.00	0.60	1.16	0.00	0.51
ORT27SR07W-							0.	1.	7.	0.	1.
ORT27SR06W	12	1.23	0	0	0.47	0.36	0.00	0.59	0.34	0.41	0.70
ORT27SR06W-							0.	3.	2.	6.	1.
ORT28SR15W	48	1.90	0	0	0.62	0.48	0.00	0.55	0.49	0.73	0.00
ORT28SR15W-							0.	8.	16.	24.	0.
ORT28SR14W	20	2.60	0	0	0.63	0.46	0.00	0.48	0.69	0.90	0.00
ORT28SR14W-							0.	6.	13.	1.	0.
ORT28SR13W	5	2.36	0	0	1.15	0.98	0.00	1.93	0.60	0.70	0.60
ORT28SR13W-							0.	2.	1.	1.	1.
ORT28SR07W	8	1.26	0	0	0.69	0.59	0.00	0.94	0.93	0.44	0.00
ORT28SR07W-							0.	2.	2.	4.	0.
ORT28SR06W	5	2.27	0	0	1.25	0.98	0.00	0.00	1.20	1.84	0.20
ORT28SR06W-							0.	0.	2.	2.	1.
ORT29SR08W	8	1.50	0	0	0.77	0.62	0.00	1.24	1.19	0.45	1.50
ORT29SR08W-							0.	1.	1.	5.	1.
ORT31SR15W	6	1.40	0	0	0.75	0.65	0.00	0.82	0.76	0.70	0.00
ORT31SR15W-							0.	1.	3.	2.	0.
ORT32SR15W	21	8.90	1	1	1.22	0.70	0.00	3.50	0.91	0.66	0.90
ORT32SR15W-							0.	3.	10.	5.	3.
ORT33SR15W	15	0.90	0	0	0.52	0.48	0.34	0.55	0.63	0.48	0.57
ORT33SR15W-							1.	2.	4.	4.	3.
ORT35SR14W	14	2.20	0	0	0.67	0.52	0.00	0.70	0.70	0.30	0.80
ORT35SR14W-							0.	1.	7.	2.	4.
ORT36SR15W	22	2.40	0	0	0.70	0.56	0.00	0.89	0.72	0.34	0.30
ORT36SR15W-							0.	11.	5.	5.	1.
ORT36SR14W	51	1.80	0	0	0.62	0.51	0.00	1.13	0.61	0.61	0.57
ORT36SR14W-							0.	2.	23.	18.	7.
ORT36SR13W	6	1.60	0	0	0.63	0.43	0.00	0.30	0.90	0.00	0.40
ORT36SR13W-							0.	1.	3.	0.	2.
ORT37SR15W	10	1.70	0	0	0.56	0.42	0.00	0.55	1.09	0.40	0.30
ORT37SR15W-							0.	2.	2.	5.	1.
ORT37SR14W	33	2.80	0	0	0.85	0.66	0.00	0.89	0.67	1.02	1.08
ORT37SR14W-							0.	7.	15.	3.	8.

ORT39SR01E	212	16.20	1	1	0.76	0.54	0.00	0.86	1.02	0.59	0.63
ORT39SR01E-							0.	13.	77.	80.	37.
ORT40SR14W	12	1.90	0	0	0.86	0.70	0.00	0.53	0.98	0.45	0.00
ORT40SR14W-							0.	1.	9.	2.	0.
ORT40SR13W	23	2.50	0	0	0.96	0.81	0.00	1.26	0.71	1.27	1.17
ORT40SR13W-							0.	5.	12.	3.	3.
ORT41SR13W	78	15.93	2	2	1.07	0.70	0.00	0.86	1.61	0.53	1.10
ORT41SR13W-							0.	24.	26.	16.	10.

OREGON MODEL CONSERVATION STANDARDS NEW HOMES

IDENT	NUMBER SITES	HIGHEST READING	4 OR GRTR	5 OR GRTR	ARITH MEAN	GEOM MEAN	< 42 DAYS	<121 DAYS	<211 DAYS	<301 DAYS	<421 DAYS
ALL SITES	884	31.30	21	18	0.92	0.54	0.00	0.95	0.94	0.60	1.16
ALL SITES-							0.	473.	276.	100.	34.
ORT04NR02W	6	1.40	0	0	0.65	0.54	0.00	0.30	1.00	0.30	0.77
ORT04NR02W-							0.	1.	1.	1.	3.
ORT04NR01W	6	1.40	0	0	0.83	0.77	0.00	0.63	1.15	0.00	0.80
ORT04NR01W-							0.	3.	2.	0.	1.
ORT03NR02W	5	6.30	1	1	1.90	1.10	0.00	6.30	0.90	1.10	0.30
ORT03NR02W-							0.	1.	2.	1.	1.
ORT03NR10E	5	2.80	0	0	2.08	2.02	0.00	2.08	0.00	0.00	0.00
ORT03NR10E-							0.	5.	0.	0.	0.
ORT01SR10W	5	2.10	0	0	0.78	0.47	0.00	1.50	0.40	0.11	0.00
ORT01SR10W-							0.	2.	2.	1.	0.
ORT01SR09W	5	4.10	1	0	1.54	0.84	0.00	2.85	0.67	0.00	0.00
ORT01SR09W-							0.	2.	3.	0.	0.
ORT03SR01E	8	4.70	1	0	2.26	2.09	0.00	2.26	0.00	0.00	0.00
ORT03SR01E-							0.	8.	0.	0.	0.
ORT04SR04W	20	5.60	1	1	1.51	1.15	0.00	1.88	1.17	0.80	0.00
ORT04SR04W-							0.	10.	9.	1.	0.
ORT07SR03W	22	19.50	2	2	1.93	0.79	0.00	6.06	0.94	0.39	0.00
ORT07SR03W-							0.	5.	10.	7.	0.
ORT09SR11W	5	0.50	0	0	0.26	0.21	0.00	0.00	0.00	0.26	0.00
ORT09SR11W-							0.	0.	0.	5.	0.
ORT10SR10W	38	1.10	0	0	0.41	0.32	0.00	0.00	0.00	0.41	0.00
ORT10SR10W-							0.	0.	0.	38.	0.
ORT11SR11W	11	1.00	0	0	0.42	0.31	0.00	0.60	0.57	0.27	0.70
ORT11SR11W-							0.	1.	3.	6.	1.
ORT11SR05W	13	1.80	0	0	0.61	0.44	0.00	1.05	0.26	0.60	0.60
ORT11SR05W-							0.	4.	5.	1.	3.
ORT11SR03W	59	6.10	3	2	1.86	1.40	0.00	0.75	1.89	0.00	0.00
ORT11SR03W-							0.	2.	57.	0.	0.
ORT13SR12W	5	0.60	0	0	0.44	0.40	0.00	0.45	0.55	0.20	0.00
ORT13SR12W-							0.	2.	2.	1.	0.
ORT15SR13E	6	1.00	0	0	0.57	0.52	0.00	0.57	0.00	0.00	0.00
ORT15SR13E-							0.	6.	0.	0.	0.
ORT17SR04W	78	1.80	0	0	0.38	0.32	0.00	0.32	0.43	0.00	0.00
ORT17SR04W-							0.	32.	46.	0.	0.
ORT17SR03W	104	1.90	0	0	0.48	0.41	0.00	0.46	0.53	0.00	0.10
ORT17SR03W-							0.	76.	27.	0.	1.
ORT17SR12E	15	3.10	0	0	0.89	0.65	0.00	0.92	0.40	0.00	0.00
ORT17SR12E-							0.	14.	1.	0.	0.
ORT18SR12W	23	3.40	0	0	0.59	0.41	0.00	0.71	0.33	0.33	0.00
ORT18SR12W-							0.	16.	3.	4.	0.
ORT18SR04W	36	0.90	0	0	0.39	0.35	0.00	0.40	0.36	0.00	0.00
ORT18SR04W-							0.	28.	8.	0.	0.
ORT18SR03W	43	1.70	0	0	0.51	0.43	0.00	0.53	0.42	0.00	0.70
ORT18SR03W-							0.	32.	10.	0.	1.
ORT18SR12E	8	2.50	0	0	1.02	0.83	0.00	1.02	0.00	0.00	0.00
ORT18SR12E-							0.	8.	0.	0.	0.
ORT36SR14W	11	1.00	0	0	0.46	0.36	0.00	0.57	0.54	0.23	0.00
ORT36SR14W-							0.	3.	5.	3.	0.
ORT36SR06W	17	2.00	0	0	0.58	0.47	0.00	0.58	0.00	0.00	0.00
ORT36SR06W-							0.	17.	0.	0.	0.
ORT36SR05W	16	0.90	0	0	0.48	0.44	0.00	0.48	0.00	0.00	0.00
ORT36SR05W-							0.	16.	0.	0.	0.
ORT37SR02W	10	1.40	0	0	0.62	0.53	0.00	0.62	0.00	0.00	0.00
ORT37SR02W-							0.	10.	0.	0.	0.
ORT37SR01W	36	2.70	0	0	0.66	0.52	0.00	0.67	0.20	0.00	0.00
ORT37SR01W-							0.	35.	1.	0.	0.
ORT38SR01W	10	1.10	0	0	0.66	0.58	0.00	0.66	0.00	0.00	0.00
ORT38SR01W-							0.	10.	0.	0.	0.
ORT40SR14W	6	1.50	0	0	0.62	0.45	0.00	0.30	0.95	0.00	0.50
ORT40SR14W-							0.	1.	2.	0.	3.
ORT40SR13W	21	31.30	3	3	4.06	0.96	0.00	12.33	0.63	0.93	0.30
ORT40SR13W-							0.	6.	7.	7.	1.
ORT41SR13W	35	11.40	3	3	1.55	0.83	0.00	1.16	0.87	1.49	4.26
ORT41SR13W-							0.	7.	15.	8.	5.

WASHINGTON WEATHERIZED EXISTING HOMES

IDENT	NUMBER SITES	HIGHEST READING	4 OR GRTR	5 OR GRTR	ARITH MEAN	GEOM MEAN	< 42 DAYS	<121 DAYS	<211 DAYS	<301 DAYS	<421 DAYS
ALL SITES	22933	92.41	759	551	1.04	0.58	0.88	1.27	1.09	0.84	0.95
ALL SITES-							43.	6022.	7662.	7161.	1861.
WAT39NR33E	36	9.20	4	4	2.04	1.39	0.00	6.97	1.70	1.26	1.12
WAT39NR33E-							0.	4.	15.	8.	9.
WAT37NR01W	8	12.77	1	1	1.99	0.46	0.00	2.16	0.79	0.00	0.00
WAT37NR01W-							0.	7.	1.	0.	0.
WAT33NR01E	7	1.20	0	0	0.57	0.48	0.00	0.62	0.30	0.00	0.00
WAT33NR01E-							0.	6.	1.	0.	0.
WAT32NR12W	5	1.20	0	0	0.69	0.61	0.00	0.60	0.62	0.80	0.00
WAT32NR12W-							0.	1.	2.	2.	0.
WAT32NR01E	5	0.90	0	0	0.50	0.46	0.00	0.50	0.00	0.00	0.00
WAT32NR01E-							0.	5.	0.	0.	0.
WAT32NR02E	9	1.29	0	0	0.41	0.27	0.00	0.31	0.44	0.51	0.00
WAT32NR02E-							0.	4.	1.	4.	0.
WAT32NR03E	74	31.40	1	1	0.69	0.23	0.00	0.29	1.65	0.28	0.22
WAT32NR03E-							0.	20.	22.	28.	3.
WAT32NR04E	74	4.20	1	0	0.45	0.34	0.00	0.39	0.58	0.36	0.52
WAT32NR04E-							0.	23.	28.	22.	1.
WAT32NR05E	35	1.18	0	0	0.32	0.24	0.00	0.34	0.27	0.36	0.00
WAT32NR05E-							0.	11.	14.	9.	0.
WAT32NR06E	26	2.98	0	0	0.43	0.29	0.00	1.00	0.24	0.41	0.20
WAT32NR06E-							0.	4.	7.	12.	2.
WAT32NR09E	40	1.78	0	0	0.50	0.37	0.00	0.50	0.66	0.36	0.10
WAT32NR09E-							0.	16.	13.	10.	1.
WAT31NR07W	7	1.23	0	0	0.49	0.37	0.00	1.23	0.57	0.32	0.00
WAT31NR07W-							0.	1.	1.	5.	0.
WAT31NR06W	17	1.92	0	0	0.65	0.52	0.00	0.65	0.00	0.00	0.00
WAT31NR06W-							0.	17.	0.	0.	0.
WAT31NR04W	30	0.80	0	0	0.39	0.35	0.00	0.44	0.45	0.27	0.53
WAT31NR04W-							0.	9.	7.	11.	3.
WAT31NR02E	11	1.30	0	0	0.38	0.30	0.00	0.80	0.19	0.37	0.00
WAT31NR02E-							0.	2.	4.	5.	0.
WAT31NR03E	41	2.18	0	0	0.39	0.29	0.00	0.60	0.41	0.25	0.13
WAT31NR03E-							0.	11.	15.	12.	3.
WAT31NR04E	81	7.80	1	1	0.58	0.37	0.00	0.51	0.69	0.38	0.87
WAT31NR04E-							0.	21.	39.	18.	3.
WAT31NR05E	192	3.51	0	0	0.44	0.33	0.00	0.52	0.46	0.32	0.42
WAT31NR05E-							0.	67.	63.	57.	4.
WAT31NR06E	34	1.34	0	0	0.41	0.34	0.00	0.46	0.38	0.42	0.12
WAT31NR06E-							0.	11.	11.	11.	1.
WAT30NR08W	18	1.06	0	0	0.61	0.54	0.00	0.55	0.60	0.54	0.83
WAT30NR08W-							0.	4.	2.	8.	4.
WAT30NR07W	35	2.67	0	0	0.65	0.44	0.00	0.94	0.91	0.24	0.55
WAT30NR07W-							0.	9.	10.	11.	4.
WAT30NR06W	635	9.10	3	1	0.59	0.44	0.00	0.65	0.56	0.42	0.64
WAT30NR06W-							0.	267.	286.	72.	8.
WAT30NR05W	148	14.72	3	2	0.70	0.43	0.00	0.64	0.88	0.56	0.39
WAT30NR05W-							0.	66.	56.	16.	9.
WAT30NR04W	162	5.79	1	1	0.62	0.43	0.00	0.57	0.95	0.49	0.16
WAT30NR04W-							0.	55.	38.	66.	2.
WAT30NR03W	190	4.50	4	0	0.65	0.46	0.00	0.78	0.66	0.47	0.47
WAT30NR03W-							0.	23.	131.	30.	2.
WAT30NR02W	6	1.74	0	0	0.52	0.32	0.00	0.10	0.66	0.39	0.00
WAT30NR02W-							0.	1.	4.	1.	0.
WAT30NR01W	7	1.30	0	0	0.63	0.46	0.00	0.95	0.25	0.10	0.00
WAT30NR01W-							0.	4.	2.	1.	0.
WAT30NR03E	12	1.20	0	0	0.39	0.23	0.00	0.87	0.29	0.14	0.00
WAT30NR03E-							0.	3.	5.	4.	0.
WAT30NR04E	82	2.12	0	0	0.60	0.45	0.77	0.66	0.39	0.42	0.24
WAT30NR04E-							34.	15.	12.	19.	2.
WAT30NR05E	728	2.14	0	0	0.43	0.33	0.00	0.47	0.42	0.39	0.48
WAT30NR05E-							0.	220.	218.	257.	31.
WAT30NR06E	81	1.50	0	0	0.41	0.32	0.00	0.45	0.37	0.41	0.30
WAT30NR06E-							0.	21.	30.	29.	1.
WAT30NR07E	14	1.89	0	0	0.49	0.28	0.00	0.30	0.62	0.48	0.00
WAT30NR07E-							0.	3.	5.	6.	0.
WAT30NR09E	18	2.08	0	0	1.09	1.00	0.00	0.79	0.94	1.75	0.51
WAT30NR09E-							0.	1.	12.	4.	1.
WAT29NR05W	7	2.49	0	0	0.61	0.35	0.00	0.92	0.20	0.20	0.00
WAT29NR05W-							0.	4.	2.	1.	0.
WAT29NR03W	10	5.83	3	2	1.84	0.82	0.00	5.11	0.36	0.65	0.00
WAT29NR03W-							0.	3.	5.	2.	0.
WAT29NR03E	11	1.50	0	0	0.69	0.53	0.00	0.40	0.53	0.71	1.08
WAT29NR03E-							0.	2.	2.	5.	2.
WAT29NR04E	92	2.08	0	0	0.42	0.32	0.00	0.37	0.51	0.40	0.34
WAT29NR04E-							0.	27.	27.	35.	2.

WAT29NR05E	650	2.99	0	0	0.38	0.29	0.00	0.43	0.39	0.33	0.38
WAT29NR05E-							0.	191.	184.	250.	24.
WAT29NR06E	191	9.90	2	1	0.49	0.31	0.00	0.53	0.37	0.54	0.28
WAT29NR06E-							0.	68.	58.	62.	2.
WAT29NR07E	7	1.48	0	0	0.62	0.44	0.00	1.15	0.25	0.20	0.00
WAT29NR07E-							0.	3.	2.	2.	0.
WAT29NR09E	35	2.26	0	0	1.07	0.96	0.00	1.13	1.09	1.04	0.00
WAT29NR09E-							0.	5.	16.	13.	0.
WAT29NR30E	151	6.20	7	4	1.69	1.36	0.00	2.36	1.62	1.23	1.49
WAT29NR30E-							0.	41.	53.	42.	14.
WAT29NR42E	5	6.50	1	1	2.24	1.14	0.00	0.00	3.00	3.50	1.00
WAT29NR42E-							0.	0.	1.	2.	1.
WAT29NR43E	8	21.30	3	3	5.37	2.33	0.00	1.60	7.82	3.37	0.00
WAT29NR43E-							0.	1.	4.	3.	0.
WAT28NR13W	51	7.80	2	1	0.85	0.57	0.00	0.56	0.86	1.15	0.44
WAT28NR13W-							0.	14.	12.	20.	5.
WAT28NR03E	21	1.40	0	0	0.38	0.30	0.00	0.53	0.47	0.25	0.00
WAT28NR03E-							0.	7.	4.	10.	0.
WAT28NR04E	589	2.76	0	0	0.43	0.31	0.68	0.52	0.42	0.36	0.35
WAT28NR04E-							1.	178.	187.	200.	22.
WAT28NR05E	791	3.30	0	0	0.42	0.31	2.10	0.48	0.39	0.39	0.42
WAT28NR05E-							1.	225.	293.	253.	18.
WAT28NR06E	214	2.70	0	0	0.47	0.35	0.00	0.58	0.46	0.38	0.28
WAT28NR06E-							0.	70.	75.	65.	4.
WAT28NR07E	59	5.00	1	1	0.61	0.40	0.00	0.56	0.72	0.62	0.45
WAT28NR07E-							0.	17.	11.	28.	3.
WAT28NR08E	53	1.28	0	0	0.41	0.34	0.00	0.53	0.36	0.43	0.27
WAT28NR08E-							0.	6.	17.	27.	3.
WAT28NR30E	6	2.80	0	0	1.90	1.72	0.00	1.85	1.90	0.00	1.93
WAT28NR30E-							0.	2.	1.	0.	3.
WAT28NR41E	6	3.90	0	0	2.00	1.60	0.00	0.91	0.00	3.17	0.70
WAT28NR41E-							0.	2.	0.	3.	1.
WAT28NR42E	6	5.00	2	1	2.57	2.15	0.00	2.58	1.60	0.00	3.05
WAT28NR42E-							0.	3.	1.	0.	2.
WAT28NR44E	5	3.36	0	0	2.05	1.68	0.00	3.36	0.60	1.75	2.80
WAT28NR44E-							0.	1.	1.	2.	1.
WAT27NR03E	150	16.10	1	1	0.55	0.35	0.00	0.52	0.41	0.73	0.40
WAT27NR03E-							0.	49.	51.	49.	1.
WAT27NR04E	1852	5.80	1	1	0.45	0.33	0.50	0.55	0.45	0.37	0.54
WAT27NR04E-							1.	576.	532.	693.	46.
WAT27NR05E	551	13.80	1	1	0.48	0.36	0.00	0.62	0.41	0.39	0.33
WAT27NR05E-							0.	199.	166.	173.	12.
WAT27NR06E	126	4.63	1	0	0.50	0.35	0.00	0.49	0.61	0.45	0.31
WAT27NR06E-							0.	36.	31.	52.	7.
WAT27NR07E	40	2.30	0	0	0.61	0.47	0.00	0.84	0.49	0.57	0.00
WAT27NR07E-							0.	12.	12.	14.	0.
WAT27NR08E	18	0.63	0	0	0.30	0.25	0.00	0.36	0.25	0.31	0.30
WAT27NR08E-							0.	4.	6.	7.	1.
WAT27NR09E	17	0.87	0	0	0.37	0.30	0.00	0.62	0.26	0.30	0.20
WAT27NR09E-							0.	5.	6.	5.	1.
WAT27NR10E	10	0.90	0	0	0.29	0.23	0.00	0.41	0.20	0.21	0.00
WAT27NR10E-							0.	4.	1.	5.	0.
WAT27NR22E	13	2.50	0	0	1.18	0.99	0.00	2.50	1.50	1.08	0.85
WAT27NR22E-							0.	1.	2.	6.	4.
WAT27NR41E	32	47.27	24	22	10.11	6.89	0.00	13.36	12.93	5.68	6.13
WAT27NR41E-							0.	6.	13.	10.	3.
WAT27NR42E	5	6.20	1	1	3.16	2.75	0.00	1.40	2.73	6.20	0.00
WAT27NR42E-							0.	1.	3.	1.	0.
WAT27NR43E	21	9.80	10	8	4.19	3.39	0.00	5.52	4.12	2.97	2.40
WAT27NR43E-							0.	8.	5.	7.	1.
WAT27NR44E	7	15.90	1	1	3.63	2.13	0.00	1.88	0.90	15.90	1.50
WAT27NR44E-							0.	3.	1.	1.	2.
WAT26NR03E	69	2.20	0	0	0.50	0.40	0.00	0.58	0.62	0.39	0.00
WAT26NR03E-							0.	17.	20.	32.	0.
WAT26NR04E	226	4.80	1	0	0.54	0.41	0.00	0.64	0.56	0.44	1.13
WAT26NR04E-							0.	73.	45.	103.	3.
WAT26NR05E	14	2.20	0	0	0.75	0.61	0.00	0.82	0.30	0.36	0.00
WAT26NR05E-							0.	12.	1.	1.	0.
WAT26NR44E	11	10.40	2	1	3.06	2.24	0.00	1.27	2.55	10.40	2.90
WAT26NR44E-							0.	2.	7.	1.	1.
WAT26NR45E	11	3.10	0	0	1.43	1.23	0.00	1.25	1.46	1.20	1.80
WAT26NR45E-							0.	2.	5.	2.	2.
WAT25NR02W	9	0.64	0	0	0.30	0.25	0.00	0.40	0.25	0.06	0.00
WAT25NR02W-							0.	4.	4.	1.	0.
WAT25NR01E	10	1.90	0	0	0.87	0.74	0.00	0.87	0.00	0.00	0.00
WAT25NR01E-							0.	10.	0.	0.	0.
WAT25NR02E	5	1.40	0	0	0.72	0.63	0.00	0.72	0.00	0.00	0.00
WAT25NR02E-							0.	5.	0.	0.	0.
WAT25NR03E	67	2.02	0	0	0.50	0.37	0.00	0.67	0.57	0.34	0.00
WAT25NR03E-							0.	26.	8.	33.	0.

WAT25NR04E	134	3.30	0	0	0.51	0.39	0.00	0.57	0.48	0.46	0.77
WAT25NR04E-							0.	48.	26.	56.	4.
WAT25NR05E	16	2.40	0	0	0.77	0.58	0.00	0.80	0.56	0.00	0.00
WAT25NR05E-							0.	14.	2.	0.	0.
WAT25NR41E	18	12.42	2	1	2.24	1.35	0.00	3.74	1.66	2.39	1.30
WAT25NR41E-							0.	4.	8.	4.	2.
WAT25NR44E	258	92.41	161	138	8.25	5.26	0.00	9.62	8.37	5.79	4.30
WAT25NR44E-							0.	140.	52.	42.	24.
WAT24NR01E	9	1.40	0	0	0.82	0.76	0.00	0.82	0.00	0.00	0.00
WAT24NR01E-							0.	9.	0.	0.	0.
WAT24NR03E	117	2.30	0	0	0.43	0.35	0.00	0.48	0.44	0.41	0.30
WAT24NR03E-							0.	31.	24.	61.	1.
WAT24NR04E	128	77.90	1	1	1.07	0.36	0.00	0.61	3.45	0.34	0.56
WAT24NR04E-							0.	42.	26.	54.	5.
WAT24NR05E	7	2.40	0	0	1.00	0.63	0.00	1.24	0.40	0.00	0.00
WAT24NR05E-							0.	5.	2.	0.	0.
WAT24NR18E	5	4.20	1	0	2.28	1.81	0.00	3.80	1.13	4.20	0.00
WAT24NR18E-							0.	1.	3.	1.	0.
WAT24NR41E	5	4.00	1	0	1.91	1.62	0.00	0.00	1.88	1.93	0.00
WAT24NR41E-							0.	0.	2.	3.	0.
WAT24NR42E	16	7.00	3	1	2.15	1.64	0.00	2.74	4.03	1.06	2.05
WAT24NR42E-							0.	1.	4.	7.	4.
WAT24NR43E	17	22.80	5	3	4.45	3.21	0.00	4.11	5.25	0.00	3.03
WAT24NR43E-							0.	6.	8.	0.	3.
WAT24NR44E	11	3.00	0	0	1.62	1.42	0.00	1.93	1.58	1.23	2.30
WAT24NR44E-							0.	2.	5.	3.	1.
WAT23NR03W	11	0.60	0	0	0.35	0.33	0.00	0.32	0.33	0.60	0.00
WAT23NR03W-							0.	5.	5.	1.	0.
WAT23NR02W	5	1.10	0	0	0.70	0.66	0.00	0.50	0.50	0.83	0.00
WAT23NR02W-							0.	1.	1.	3.	0.
WAT23NR01W	14	1.40	0	0	0.50	0.40	0.00	0.55	0.50	0.03	0.35
WAT23NR01W-							0.	4.	4.	1.	4.
WAT23NR03E	40	2.50	0	0	0.59	0.44	0.00	0.70	0.67	0.47	0.25
WAT23NR03E-							0.	11.	13.	14.	2.
WAT23NR04E	86	2.00	0	0	0.48	0.39	0.00	0.60	0.50	0.38	0.30
WAT23NR04E-							0.	31.	19.	29.	7.
WAT23NR05E	10	3.20	0	0	0.89	0.60	0.00	0.73	1.25	0.30	0.00
WAT23NR05E-							0.	5.	4.	1.	0.
WAT23NR19E	12	2.50	0	0	1.54	1.36	0.00	2.00	0.80	1.61	1.80
WAT23NR19E-							0.	1.	2.	7.	2.
WAT23NR41E	186	26.70	32	25	3.19	1.68	0.00	3.77	2.97	2.23	1.88
WAT23NR41E-							0.	88.	67.	18.	12.
WAT22NR04W	21	2.22	0	0	0.61	0.46	0.00	0.54	0.67	0.25	0.00
WAT22NR04W-							0.	7.	13.	1.	0.
WAT22NR03W	16	1.50	0	0	0.38	0.30	0.00	0.29	0.42	0.41	0.00
WAT22NR03W-							0.	5.	10.	1.	0.
WAT22NR02W	42	5.60	1	1	0.65	0.41	0.00	0.90	0.56	0.53	0.28
WAT22NR02W-							0.	16.	15.	6.	4.
WAT22NR01W	35	1.20	0	0	0.46	0.37	0.00	0.53	0.69	0.28	0.33
WAT22NR01W-							0.	4.	12.	4.	14.
WAT22NR01E	51	2.80	0	0	0.50	0.37	0.00	0.55	0.58	0.30	0.73
WAT22NR01E-							0.	5.	19.	17.	8.
WAT22NR02E	26	3.57	0	0	0.57	0.37	0.00	0.36	0.70	0.56	0.10
WAT22NR02E-							0.	4.	13.	7.	2.
WAT22NR04E	23	1.20	0	0	0.45	0.40	0.00	0.54	0.41	0.10	0.00
WAT22NR04E-							0.	10.	12.	1.	0.
WAT22NR05E	12	1.70	0	0	0.76	0.63	1.70	0.59	1.50	0.00	0.00
WAT22NR05E-							1.	10.	1.	0.	0.
WAT22NR20E	95	5.60	5	2	1.67	1.35	0.00	3.05	1.56	1.26	1.67
WAT22NR20E-							0.	14.	28.	36.	16.
WAT22NR26E	5	2.10	0	0	1.48	1.40	0.00	1.70	1.70	1.33	0.00
WAT22NR26E-							0.	1.	1.	3.	0.
WAT21NR04W	5	1.10	0	0	0.46	0.35	0.00	0.00	0.46	0.00	0.00
WAT21NR04W-							0.	0.	5.	0.	0.
WAT21NR03W	23	1.40	0	0	0.52	0.44	0.00	0.39	0.75	0.35	0.54
WAT21NR03W-							0.	6.	7.	6.	4.
WAT21NR02W	14	1.00	0	0	0.49	0.44	0.00	0.30	0.62	0.40	0.40
WAT21NR02W-							0.	1.	6.	1.	6.
WAT21NR01W	19	0.80	0	0	0.32	0.25	0.00	0.23	0.34	0.30	0.36
WAT21NR01W-							0.	4.	8.	2.	5.
WAT21NR01E	71	1.60	0	0	0.37	0.30	0.00	0.47	0.43	0.37	0.21
WAT21NR01E-							0.	2.	29.	29.	10.
WAT21NR02E	289	5.68	1	1	0.50	0.38	0.00	0.60	0.57	0.42	0.41
WAT21NR02E-							0.	73.	87.	73.	51.
WAT21NR03E	91	3.61	0	0	0.55	0.39	0.00	0.88	0.63	0.37	0.36
WAT21NR03E-							0.	19.	27.	16.	28.
WAT21NR04E	62	11.80	1	1	0.89	0.61	0.00	0.80	0.94	0.65	0.00
WAT21NR04E-							0.	16.	44.	2.	0.
WAT21NR05E	62	12.00	2	2	1.08	0.63	0.00	1.46	0.90	0.00	0.25
WAT21NR05E-							0.	21.	40.	0.	1.

WAT21NR06E	11	2.50	0	0	1.15	0.89	0.00	2.40	0.98	0.00	0.10
WAT21NR06E-							0.	2.	8.	0.	1.
WAT21NR26E	8	10.40	2	2	3.13	2.07	0.00	0.00	0.00	3.60	1.70
WAT21NR26E-							0.	0.	0.	6.	2.
WAT20NR05W	7	0.60	0	0	0.43	0.40	0.00	0.44	0.43	0.00	0.40
WAT20NR05W-							0.	2.	3.	0.	2.
WAT20NR04W	11	2.00	0	0	0.60	0.38	0.00	1.08	0.45	0.50	0.24
WAT20NR04W-							0.	3.	2.	2.	3.
WAT20NR03W	157	3.10	0	0	0.62	0.49	0.00	0.78	0.68	0.58	0.45
WAT20NR03W-							0.	27.	58.	35.	35.
WAT20NR02W	17	1.70	0	0	0.41	0.31	0.00	0.45	0.40	0.95	0.23
WAT20NR02W-							0.	3.	6.	2.	6.
WAT20NR01W	16	0.90	0	0	0.41	0.36	0.00	0.24	0.47	0.40	0.40
WAT20NR01W-							0.	2.	6.	7.	1.
WAT20NR01E	14	5.10	1	1	0.96	0.54	0.00	0.00	0.50	1.68	0.63
WAT20NR01E-							0.	0.	5.	5.	4.
WAT20NR02E	449	7.10	9	5	0.73	0.50	0.00	0.88	0.73	0.66	0.40
WAT20NR02E-							0.	159.	145.	90.	51.
WAT20NR03E	1004	19.50	8	6	0.67	0.47	0.00	0.70	0.77	0.60	0.35
WAT20NR03E-							0.	307.	403.	167.	118.
WAT20NR04E	61	7.05	1	1	0.63	0.44	0.00	0.76	0.42	0.77	0.25
WAT20NR04E-							0.	19.	13.	22.	7.
WAT20NR05E	15	1.20	0	0	0.56	0.46	0.00	0.66	0.25	0.44	0.00
WAT20NR05E-							0.	10.	2.	3.	0.
WAT20NR06E	5	3.50	0	0	1.08	0.52	0.00	2.40	0.20	0.20	0.00
WAT20NR06E-							0.	2.	1.	2.	0.
WAT19NR12W	6	0.50	0	0	0.23	0.20	0.00	0.50	0.20	0.00	0.10
WAT19NR12W-							0.	1.	4.	0.	1.
WAT19NR03W	26	1.40	0	0	0.59	0.46	0.00	0.80	0.63	0.41	0.00
WAT19NR03W-							0.	4.	15.	7.	0.
WAT19NR02W	19	1.90	0	0	0.61	0.47	0.00	0.73	0.56	0.00	0.40
WAT19NR02W-							0.	7.	11.	0.	1.
WAT19NR02E	153	46.50	23	15	2.60	1.40	0.00	2.67	3.17	1.00	1.24
WAT19NR02E-							0.	52.	72.	21.	7.
WAT19NR03E	552	16.10	24	15	1.15	0.68	0.00	1.35	1.14	1.13	0.98
WAT19NR03E-							0.	113.	171.	178.	79.
WAT19NR04E	55	5.60	1	1	0.84	0.52	0.00	0.92	0.90	0.89	0.38
WAT19NR04E-							0.	10.	17.	21.	6.
WAT19NR05E	11	13.68	1	1	1.88	0.73	0.00	2.47	0.84	0.00	0.00
WAT19NR05E-							0.	7.	4.	0.	0.
WAT19NR28E	33	11.20	2	1	1.71	1.19	0.00	0.80	1.20	1.35	2.35
WAT19NR28E-							0.	2.	6.	11.	14.
WAT19NR29E	6	3.00	0	0	1.70	1.50	0.00	1.20	0.00	2.05	1.63
WAT19NR29E-							0.	1.	0.	2.	3.
WAT18NR12W	7	2.30	0	0	0.55	0.25	0.00	1.61	0.00	0.14	0.12
WAT18NR12W-							0.	2.	0.	3.	1.
WAT18NR09W	9	2.01	0	0	0.86	0.65	0.00	0.50	0.94	0.60	0.00
WAT18NR09W-							0.	1.	7.	1.	0.
WAT18NR06W	21	1.30	0	0	0.48	0.40	0.00	0.50	0.60	0.24	0.20
WAT18NR06W-							0.	3.	12.	4.	1.
WAT18NR05W	49	5.80	1	1	0.87	0.54	0.00	0.75	0.91	1.09	0.59
WAT18NR05W-							0.	11.	17.	13.	8.
WAT18NR02W	59	1.80	0	0	0.70	0.60	0.00	0.86	0.66	0.00	0.00
WAT18NR02W-							0.	12.	47.	0.	0.
WAT18NR01W	36	3.40	0	0	1.02	0.84	0.00	0.99	1.04	0.00	0.00
WAT18NR01W-							0.	16.	20.	0.	0.
WAT18NR03E	73	22.10	6	5	1.70	0.74	0.00	1.98	2.38	1.10	0.66
WAT18NR03E-							0.	21.	24.	16.	12.
WAT18NR04E	16	23.80	2	2	2.59	0.90	0.00	4.22	0.86	0.20	2.70
WAT18NR04E-							0.	7.	4.	2.	3.
WAT18NR18E	148	11.61	9	4	1.35	0.98	0.00	1.57	1.59	1.02	0.90
WAT18NR18E-							0.	40.	51.	35.	21.
WAT17NR12W	11	0.90	0	0	0.45	0.41	0.00	0.60	0.42	0.00	0.00
WAT17NR12W-							0.	2.	9.	0.	0.
WAT17NR10W	102	3.40	0	0	0.34	0.27	0.00	0.70	0.32	0.29	0.30
WAT17NR10W-							0.	11.	33.	34.	21.
WAT17NR09W	191	20.79	2	1	0.55	0.33	0.00	1.28	0.43	0.51	0.35
WAT17NR09W-							0.	27.	88.	40.	29.
WAT17NR08W	52	3.71	0	0	0.69	0.48	0.00	1.48	0.63	0.77	0.42
WAT17NR08W-							0.	5.	26.	10.	8.
WAT17NR07W	55	43.40	3	2	1.63	0.58	0.00	0.64	3.27	0.88	0.66
WAT17NR07W-							0.	5.	19.	22.	7.
WAT17NR03W	11	1.70	0	0	0.72	0.63	0.00	0.35	0.86	0.35	0.00
WAT17NR03W-							0.	2.	8.	1.	0.
WAT17NR02W	17	1.00	0	0	0.60	0.57	0.00	0.65	0.59	0.00	0.00
WAT17NR02W-							0.	2.	15.	0.	0.
WAT17NR01W	11	1.40	0	0	0.69	0.62	0.00	0.80	0.65	0.00	0.00
WAT17NR01W-							0.	3.	8.	0.	0.
WAT17NR03E	17	2.41	0	0	0.79	0.64	0.00	0.97	0.70	0.81	0.50
WAT17NR03E-							0.	3.	5.	8.	1.

WAT17NR04E	16	3.30	0	0	0.63	0.40	0.00	1.31	0.33	0.50	0.60
WAT17NR04E-							0.	3.	3.	8.	2.
WAT17NR18E	229	10.89	16	13	1.79	1.28	0.00	2.32	1.75	1.39	1.19
WAT17NR18E-							0.	74.	80.	39.	36.
WAT16NR12W	13	2.10	0	0	0.48	0.30	1.07	0.60	0.33	0.54	0.23
WAT16NR12W-							1.	2.	2.	5.	2.
WAT16NR11W	10	1.40	0	0	0.39	0.24	0.00	1.40	0.36	0.14	0.10
WAT16NR11W-							0.	1.	6.	2.	1.
WAT16NR04E	7	0.70	0	0	0.38	0.32	0.00	0.50	0.45	0.31	0.00
WAT16NR04E-							0.	1.	2.	4.	0.
WAT15NR11W	17	0.90	0	0	0.27	0.21	0.00	0.00	0.31	0.28	0.27
WAT15NR11W-							0.	0.	6.	6.	3.
WAT15NR03W	20	1.10	0	0	0.53	0.47	0.00	0.42	0.58	0.65	0.00
WAT15NR03W-							0.	9.	4.	7.	0.
WAT15NR29E	5	5.70	2	1	2.42	1.55	0.00	0.00	4.10	0.00	2.00
WAT15NR29E-							0.	0.	1.	0.	4.
WAT14NR09W	32	4.90	1	0	0.79	0.52	0.00	0.95	0.95	0.76	0.43
WAT14NR09W-							0.	6.	10.	9.	6.
WAT14NR08W	70	13.80	3	2	1.15	0.66	0.00	1.01	1.14	1.16	1.35
WAT14NR08W-							0.	11.	25.	28.	6.
WAT14NR03W	16	2.80	0	0	0.94	0.80	0.00	0.90	1.48	0.86	0.47
WAT14NR03W-							0.	1.	4.	8.	3.
WAT14NR02W	23	1.75	0	0	0.78	0.60	0.00	0.90	1.47	0.59	0.64
WAT14NR02W-							0.	2.	4.	12.	5.
WAT14NR31E	12	3.50	0	0	1.18	1.05	0.00	0.00	1.25	1.24	0.85
WAT14NR31E-							0.	0.	8.	2.	2.
WAT13NR10W	5	0.80	0	0	0.44	0.38	0.00	0.00	0.80	0.33	0.40
WAT13NR10W-							0.	0.	1.	3.	1.
WAT13NR08W	9	2.90	0	0	1.00	0.81	0.00	0.95	2.90	0.74	0.60
WAT13NR08W-							0.	2.	1.	4.	2.
WAT13NR03W	18	7.54	1	1	1.12	0.65	0.00	0.00	2.20	0.65	0.51
WAT13NR03W-							0.	0.	6.	6.	6.
WAT13NR02W	41	10.70	3	2	1.19	0.65	0.00	1.16	1.30	0.64	2.71
WAT13NR02W-							0.	2.	11.	20.	7.
WAT13NR01W	13	6.44	1	1	1.21	0.78	0.00	0.00	0.68	1.70	0.50
WAT13NR01W-							0.	0.	5.	7.	1.
WAT13NR01E	12	17.60	1	1	2.26	1.01	0.00	0.00	3.58	1.14	0.76
WAT13NR01E-							0.	0.	6.	3.	3.
WAT13NR03E	6	1.40	0	0	0.80	0.64	0.00	1.15	0.50	0.67	0.00
WAT13NR03E-							0.	2.	1.	3.	0.
WAT13NR09E	8	2.66	0	0	0.81	0.62	0.00	0.00	1.63	0.54	0.00
WAT13NR09E-							0.	0.	2.	5.	0.
WAT13NR29E	8	2.20	0	0	0.88	0.73	0.00	0.00	1.45	0.80	0.50
WAT13NR29E-							0.	0.	2.	1.	3.
WAT12NR11W	9	1.10	0	0	0.40	0.31	0.00	0.54	0.00	0.17	0.00
WAT12NR11W-							0.	5.	0.	3.	0.
WAT12NR04W	6	0.59	0	0	0.47	0.44	0.00	0.00	0.46	0.53	0.00
WAT12NR04W-							0.	0.	5.	1.	0.
WAT12NR02W	27	5.80	1	1	0.98	0.69	0.00	5.80	0.99	0.75	0.43
WAT12NR02W-							0.	1.	9.	14.	3.
WAT12NR01W	9	1.60	0	0	0.78	0.64	0.00	0.00	0.91	0.47	0.94
WAT12NR01W-							0.	0.	2.	3.	4.
WAT12NR01E	14	1.30	0	0	0.60	0.54	0.00	0.00	0.63	0.59	0.00
WAT12NR01E-							0.	0.	4.	10.	0.
WAT12NR03E	12	2.20	0	0	0.89	0.66	0.00	0.00	0.73	1.09	0.90
WAT12NR03E-							0.	0.	4.	6.	1.
WAT12NR04E	13	1.10	0	0	0.60	0.53	0.00	0.00	0.80	0.63	0.30
WAT12NR04E-							0.	0.	1.	9.	2.
WAT12NR29E	11	3.31	0	0	1.57	1.37	0.00	1.20	2.20	1.32	1.45
WAT12NR29E-							0.	1.	3.	5.	2.
WAT12NR30E	7	1.30	0	0	0.79	0.63	0.00	0.00	1.30	0.72	0.60
WAT12NR30E-							0.	0.	1.	5.	1.
WAT11NR01W	8	3.30	0	0	0.83	0.58	0.00	0.00	0.35	0.53	1.90
WAT11NR01W-							0.	0.	2.	4.	2.
WAT11NR29E	7	1.80	0	0	0.90	0.83	0.00	1.80	0.00	0.75	0.65
WAT11NR29E-							0.	1.	0.	2.	2.
WAT11NR30E	8	3.70	0	0	1.55	1.23	0.00	0.95	3.19	0.00	0.40
WAT11NR30E-							0.	4.	2.	0.	1.
WAT10NR11W	20	1.50	0	0	0.42	0.28	0.00	0.57	0.58	0.35	0.36
WAT10NR11W-							0.	3.	3.	9.	5.
WAT10NR09W	9	1.80	0	0	0.98	0.78	0.00	1.40	1.07	0.93	0.45
WAT10NR09W-							0.	1.	2.	3.	2.
WAT10NR03W	10	1.10	0	0	0.70	0.62	0.00	0.87	0.45	1.05	0.00
WAT10NR03W-							0.	3.	5.	2.	0.
WAT10NR02W	9	2.20	0	0	0.74	0.61	0.00	0.73	0.49	0.86	0.00
WAT10NR02W-							0.	2.	2.	5.	0.
WAT10NR27E	18	4.40	1	0	1.60	1.35	0.00	1.58	2.00	0.00	0.00
WAT10NR27E-							0.	17.	1.	0.	0.
WAT10NR28E	177	6.10	3	3	1.17	0.95	0.00	1.38	1.05	1.30	0.80
WAT10NR28E-							0.	38.	70.	53.	16.

WAT10NR29E	9	1.50	0	0	0.96	0.91	0.00	0.81	0.83	0.00	1.30
WAT10NR29E-							0.	1.	4.	0.	3.
WAT09NR06W	7	14.20	2	2	4.32	2.24	0.00	6.38	0.00	1.40	1.90
WAT09NR06W-							0.	4.	0.	1.	1.
WAT09NR03W	5	1.60	0	0	0.74	0.51	0.00	1.30	0.45	0.33	0.00
WAT09NR03W-							0.	2.	1.	2.	0.
WAT09NR02W	79	1.88	0	0	0.55	0.45	0.00	0.64	0.51	0.55	0.33
WAT09NR02W-							0.	18.	17.	41.	3.
WAT09NR22E	7	1.70	0	0	1.17	1.11	0.00	1.18	1.70	0.00	0.60
WAT09NR22E-							0.	5.	1.	0.	1.
WAT09NR23E	6	2.00	0	0	1.33	1.25	1.46	1.30	0.00	0.00	0.00
WAT09NR23E-							1.	5.	0.	0.	0.
WAT09NR24E	9	2.90	0	0	1.50	1.34	0.00	2.13	1.67	0.00	0.95
WAT09NR24E-							0.	3.	2.	0.	4.
WAT09NR25E	8	2.80	0	0	1.51	1.23	0.00	1.75	0.80	0.00	0.00
WAT09NR25E-							0.	6.	2.	0.	0.
WAT09NR26E	11	7.60	1	1	1.60	1.06	0.00	2.12	0.55	0.00	0.80
WAT09NR26E-							0.	7.	2.	0.	2.
WAT09NR27E	26	3.95	0	0	1.24	1.06	0.00	2.22	1.17	1.00	1.10
WAT09NR27E-							0.	4.	6.	6.	9.
WAT09NR28E	582	5.57	12	5	1.19	0.95	0.00	1.28	1.15	1.17	1.26
WAT09NR28E-							0.	98.	233.	174.	69.
WAT09NR29E	211	5.09	1	1	1.03	0.88	0.00	1.60	1.12	0.89	0.79
WAT09NR29E-							0.	23.	79.	52.	51.
WAT09NR30E	114	10.90	3	3	1.13	0.89	0.00	1.60	1.24	0.76	0.89
WAT09NR30E-							0.	28.	32.	26.	27.
WAT08NR06W	10	3.10	0	0	1.36	1.15	0.00	0.81	0.66	2.37	1.80
WAT08NR06W-							0.	5.	1.	3.	1.
WAT08NR05W	7	1.84	0	0	1.20	1.04	0.00	1.18	0.70	0.00	1.80
WAT08NR05W-							0.	5.	1.	0.	1.
WAT08NR04W	7	3.33	0	0	1.51	1.12	0.00	3.33	1.76	0.65	0.00
WAT08NR04W-							0.	1.	3.	3.	0.
WAT08NR03W	34	5.20	2	1	0.85	0.53	0.00	0.77	1.67	0.43	0.33
WAT08NR03W-							0.	10.	9.	13.	2.
WAT08NR02W	550	4.50	2	0	0.57	0.44	0.00	0.71	0.58	0.46	0.27
WAT08NR02W-							0.	158.	173.	203.	13.
WAT08NR01W	10	2.02	0	0	0.72	0.55	0.00	0.70	1.51	0.39	0.54
WAT08NR01W-							0.	3.	2.	4.	1.
WAT08NR24E	42	21.40	7	6	3.21	1.84	1.10	5.24	2.85	3.76	2.91
WAT08NR24E-							1.	3.	13.	12.	12.
WAT08NR28E	28	5.46	2	1	1.31	0.98	0.00	1.26	1.81	1.02	0.58
WAT08NR28E-							0.	2.	14.	4.	8.
WAT08NR29E	350	8.00	5	4	1.08	0.89	0.00	1.36	1.15	1.13	0.91
WAT08NR29E-							0.	22.	107.	97.	116.
WAT08NR30E	90	8.00	1	1	1.11	0.95	0.00	1.00	1.27	1.03	1.07
WAT08NR30E-							0.	3.	27.	23.	33.
WAT07NR02W	13	1.63	0	0	0.57	0.40	0.00	0.84	0.38	0.58	0.00
WAT07NR02W-							0.	2.	3.	8.	0.
WAT07NR01W	15	0.90	0	0	0.46	0.41	0.00	0.46	0.36	0.56	0.00
WAT07NR01W-							0.	3.	6.	6.	0.
WAT06NR01W	16	1.60	0	0	0.53	0.40	0.00	0.60	0.51	0.53	0.00
WAT06NR01W-							0.	2.	5.	9.	0.
WAT06NR10E	13	2.30	0	0	0.70	0.54	0.00	0.60	1.20	0.72	0.45
WAT06NR10E-							0.	2.	1.	8.	2.
WAT05NR01W	15	1.65	0	0	0.40	0.30	0.00	0.24	0.44	0.45	0.11
WAT05NR01W-							0.	2.	5.	7.	1.
WAT05NR01E	62	2.79	0	0	0.92	0.70	0.00	1.22	1.05	0.77	0.52
WAT05NR01E-							0.	8.	25.	23.	5.
WAT05NR02E	17	2.20	0	0	1.06	0.90	0.00	1.31	1.15	0.89	0.00
WAT05NR02E-							0.	5.	3.	9.	0.
WAT05NR03E	11	3.20	0	0	1.47	1.28	0.00	1.56	1.56	1.37	0.00
WAT05NR03E-							0.	4.	2.	5.	0.
WAT04NR01E	110	7.60	4	3	1.18	0.87	0.00	1.48	0.95	1.33	0.81
WAT04NR01E-							0.	13.	38.	50.	8.
WAT04NR02E	87	7.74	2	1	1.21	0.98	0.00	1.65	1.14	1.06	0.66
WAT04NR02E-							0.	20.	24.	40.	3.
WAT04NR03E	33	6.80	2	1	1.17	0.88	0.00	1.45	1.21	0.86	2.09
WAT04NR03E-							0.	2.	15.	13.	3.
WAT04NR16E	77	3.91	0	0	0.98	0.71	0.00	1.57	1.15	0.77	0.57
WAT04NR16E-							0.	16.	14.	39.	7.
WAT03NR01E	422	16.60	11	5	1.29	1.01	0.00	1.52	1.43	1.11	0.92
WAT03NR01E-							0.	92.	138.	175.	15.
WAT03NR02E	230	5.95	3	1	1.26	1.04	0.00	1.58	1.33	1.05	1.42
WAT03NR02E-							0.	41.	67.	103.	18.
WAT03NR03E	83	12.38	4	2	1.53	1.06	0.00	1.92	1.91	1.24	1.37
WAT03NR03E-							0.	14.	21.	42.	6.
WAT03NR07E	138	16.10	45	36	3.64	2.76	0.00	3.80	3.57	1.94	4.41
WAT03NR07E-							0.	23.	91.	6.	17.
WAT03NR08E	42	30.30	9	8	4.06	2.12	0.00	3.61	4.47	3.42	6.00
WAT03NR08E-							0.	15.	18.	7.	2.

WAT03NR09E	9	13.70	2	1	3.55	2.25	0.00	5.84	2.26	2.70	0.00
WAT03NR09E-							0.	3.	4.	2.	0.
WAT03NR10E	50	28.70	12	12	3.79	1.84	0.00	6.83	2.64	1.07	1.95
WAT03NR10E-							0.	20.	12.	16.	2.
WAT03NR11E	24	3.80	0	0	1.64	1.33	0.00	1.34	2.10	1.58	1.90
WAT03NR11E-							0.	5.	4.	13.	2.
WAT03NR12E	8	3.50	0	0	1.08	0.86	0.00	0.60	2.14	0.74	0.00
WAT03NR12E-							0.	1.	2.	5.	0.
WAT03NR21E	6	1.93	0	0	0.92	0.78	0.00	0.00	0.00	0.81	0.97
WAT03NR21E-							0.	0.	0.	2.	4.
WAT02NR01E	1086	12.10	53	33	1.44	1.08	2.30	1.84	1.56	1.18	1.25
WAT02NR01E-							1.	191.	415.	405.	67.
WAT02NR02E	1410	16.50	79	51	1.62	1.19	0.66	2.24	1.55	1.48	1.28
WAT02NR02E-							1.	249.	444.	585.	117.
WAT02NR03E	110	12.90	6	2	1.69	1.38	0.00	1.93	1.67	1.63	1.77
WAT02NR03E-							0.	18.	41.	46.	4.
WAT02NR04E	21	3.00	0	0	1.30	0.97	0.00	1.43	1.32	1.14	0.00
WAT02NR04E-							0.	7.	7.	7.	0.
WAT02NR05E	12	1.70	0	0	0.92	0.85	0.00	0.68	0.91	0.00	1.20
WAT02NR05E-							0.	2.	8.	0.	2.
WAT02NR06E	21	48.30	5	5	5.33	2.72	0.00	17.68	2.71	1.29	2.10
WAT02NR06E-							0.	4.	13.	3.	1.
WAT02NR07E	36	52.20	19	18	7.78	3.35	0.00	2.70	9.28	8.16	7.46
WAT02NR07E-							0.	5.	13.	17.	1.
WAT02NR13E	7	1.30	0	0	0.65	0.56	0.00	0.33	0.80	0.78	0.00
WAT02NR13E-							0.	2.	1.	4.	0.
WAT02NR15E	13	3.00	0	0	0.87	0.67	0.00	1.64	3.00	0.51	0.50
WAT02NR15E-							0.	2.	1.	8.	2.
WAT01NR01E	6	3.76	0	0	1.91	1.64	0.00	1.10	2.01	2.18	0.00
WAT01NR01E-							0.	1.	3.	2.	0.
WAT01NR02E	16	4.04	1	0	1.10	0.84	0.00	0.00	1.37	0.93	0.50
WAT01NR02E-							0.	0.	7.	8.	1.
WAT01NR03E	118	8.10	5	4	1.54	1.17	0.00	2.37	1.39	1.30	1.94
WAT01NR03E-							0.	21.	36.	56.	5.
WAT01NR04E	109	22.12	6	4	1.75	1.26	0.00	2.60	1.90	1.42	1.34
WAT01NR04E-							0.	18.	33.	49.	9.
WAT01NR05E	20	16.00	4	3	2.89	1.67	0.00	1.23	2.98	0.94	16.00
WAT01NR05E-							0.	5.	11.	3.	1.

WASHINGTON MODEL CONSERVATION STANDARDS NEW HOMES

IDENT	NUMBER SITES	HIGHEST READING	4 OR GRTR	5 OR GRTR	ARITH MEAN	GEOM MEAN	< 42 DAYS	<121 DAYS	<211 DAYS	<301 DAYS	<421 DAYS
ALL SITES	1070	42.30	93	67	1.62	0.88	2.20	2.00	0.82	1.05	1.90
ALL SITES-							1.	596.	239.	117.	115.
WAT33NR15W	44	5.80	8	3	3.22	3.12	0.00	3.29	2.58	0.00	0.00
WAT33NR15W-							0.	40.	4.	0.	0.
WAT30NR06W	28	1.90	0	0	0.66	0.55	0.00	0.76	0.44	0.00	0.00
WAT30NR06W-							0.	19.	9.	0.	0.
WAT30NR05W	11	2.90	0	0	0.48	0.28	0.00	0.30	0.20	0.78	0.00
WAT30NR05W-							0.	2.	3.	5.	0.
WAT30NR04W	18	1.20	0	0	0.45	0.35	0.00	0.41	0.61	0.23	0.00
WAT30NR04W-							0.	7.	7.	4.	0.
WAT30NR03W	62	2.20	0	0	0.36	0.30	0.00	0.53	0.33	0.28	0.25
WAT30NR03W-							0.	15.	32.	13.	2.
WAT30NR05E	7	0.90	0	0	0.59	0.52	0.00	0.59	0.00	0.00	0.00
WAT30NR05E-							0.	7.	0.	0.	0.
WAT29NR05E	6	1.00	0	0	0.42	0.37	0.00	0.42	0.00	0.00	0.00
WAT29NR05E-							0.	6.	0.	0.	0.
WAT29NR06E	5	1.20	0	0	0.76	0.72	0.00	0.78	0.70	0.00	0.00
WAT29NR06E-							0.	4.	1.	0.	0.
WAT28NR04E	29	0.80	0	0	0.24	0.23	0.00	0.50	0.24	0.00	0.00
WAT28NR04E-							0.	1.	28.	0.	0.
WAT28NR05E	18	1.70	0	0	0.71	0.58	0.00	0.81	0.35	0.00	0.00
WAT28NR05E-							0.	14.	4.	0.	0.
WAT27NR04E	10	2.30	0	0	0.87	0.71	0.00	1.07	0.57	0.00	0.00
WAT27NR04E-							0.	6.	4.	0.	0.
WAT27NR05E	8	1.00	0	0	0.60	0.57	0.00	0.57	0.80	0.00	0.00
WAT27NR05E-							0.	7.	1.	0.	0.
WAT27NR22E	12	1.60	0	0	0.91	0.82	0.00	0.91	0.00	0.00	0.00
WAT27NR22E-							0.	12.	0.	0.	0.
WAT27NR43E	9	4.20	1	0	2.48	2.19	0.00	3.33	1.63	2.50	0.00
WAT27NR43E-							0.	4.	4.	1.	0.
WAT25NR44E	10	13.40	9	9	8.03	7.14	0.00	0.00	1.70	6.40	9.02
WAT25NR44E-							0.	0.	1.	1.	8.
WAT24NR17E	22	5.40	1	1	1.52	1.25	2.20	1.53	0.50	0.00	0.00
WAT24NR17E-							1.	20.	1.	0.	0.
WAT24NR43E	5	4.10	1	0	2.54	2.26	0.00	4.10	2.70	1.97	0.00
WAT24NR43E-							0.	1.	1.	3.	0.

WAT23NR19E	18	3.80	0	0	1.48	1.30	0.00	1.51	1.00	0.00	0.00
WAT23NR19E-							0.	17.		0.	0.
WAT23NR20E	31	5.60	1	1	1.25	0.98	0.00	1.28	0.00	0.00	0.30
WAT23NR20E-							0.	30.	0.	0.	1.
WAT22NR01E	8	0.30	0	0	0.13	0.11	0.00	0.00	0.00	0.10	0.13
WAT22NR01E-							0.	0.	0.	2.	6.
WAT22NR20E	72	15.70	3	2	1.91	1.47	0.00	1.91	1.88	0.00	0.00
WAT22NR20E-							0.	68.	4.	0.	0.
WAT21NR01E	5	0.90	0	0	0.32	0.22	0.00	0.00	0.25	0.50	0.10
WAT21NR01E-							0.	0.	2.	2.	1.
WAT21NR02E	5	1.20	0	0	0.38	0.24	0.00	1.20	0.25	0.00	0.10
WAT21NR02E-							0.	1.	2.	0.	2.
WAT21NR26E	7	4.90	2	0	2.59	2.13	0.00	1.20	0.00	0.00	2.82
WAT21NR26E-							0.	1.	0.	0.	6.
WAT20NR02E	5	0.40	0	0	0.26	0.24	0.00	0.33	0.20	0.00	0.10
WAT20NR02E-							0.	3.	1.	0.	1.
WAT20NR24E	9	1.50	0	0	0.44	0.34	0.00	0.00	0.00	0.00	0.44
WAT20NR24E-							0.	0.	0.	0.	9.
WAT19NR02E	6	6.30	3	2	3.92	3.41	0.00	3.92	0.00	0.00	0.00
WAT19NR02E-							0.	6.	0.	0.	0.
WAT19NR03E	38	22.90	19	18	5.69	2.91	0.00	6.17	0.00	0.15	0.10
WAT19NR03E-							0.	35.	0.	2.	1.
WAT19NR04E	9	1.20	0	0	0.40	0.33	0.00	0.34	0.00	0.10	0.60
WAT19NR04E-							0.	5.	0.	1.	3.
WAT19NR28E	15	5.50	1	1	1.17	0.82	0.00	0.00	0.00	0.00	1.17
WAT19NR28E-							0.	0.	0.	0.	15.
WAT18NR12W	10	1.40	0	0	0.39	0.30	0.00	1.40	0.25	0.25	0.33
WAT18NR12W-							0.	1.	4.	2.	3.
WAT18NR03E	14	4.50	2	0	0.93	0.48	0.00	7.71	1.73	0.00	0.00
WAT18NR03E-							0.	11.	3.	0.	0.
WAT18NR04E	8	6.30	2	2	1.88	0.85	0.00	2.22	0.85	0.00	0.00
WAT18NR04E-							0.	6.	2.	0.	0.
WAT17NR09W	5	0.60	0	0	0.29	0.23	0.00	0.00	0.00	0.00	0.29
WAT17NR09W-							0.	0.	0.	0.	5.
WAT17NR03E	6	1.60	0	0	1.05	0.88	0.00	1.55	0.80	0.00	0.00
WAT17NR03E-							0.	2.	4.	0.	0.
WAT17NR04E	12	1.60	0	0	0.42	0.33	0.00	0.30	0.58	0.37	0.00
WAT17NR04E-							0.	2.	4.	6.	0.
WAT16NR04E	8	0.80	0	0	0.43	0.38	0.00	0.30	0.44	0.00	0.00
WAT16NR04E-							0.	1.	7.	0.	0.
WAT13NR18E	9	5.20	1	1	2.34	2.03	0.00	2.34	0.00	0.00	0.00
WAT13NR18E-							0.	9.	0.	0.	0.
WAT13NR19E	11	2.90	0	0	1.32	1.07	0.00	1.41	0.40	0.00	0.00
WAT13NR19E-							0.	10.	1.	0.	0.
WAT10NR28E	27	3.60	0	0	1.36	1.15	0.00	1.40	0.98	2.50	0.00
WAT10NR28E-							0.	21.	5.	1.	0.
WAT09NR28E	72	11.60	2	2	1.55	1.20	0.00	1.83	1.01	0.93	1.00
WAT09NR28E-							0.	48.	15.	6.	3.
WAT09NR29E	6	2.60	0	0	1.32	1.05	0.00	1.06	2.60	0.00	0.00
WAT09NR29E-							0.	5.	1.	0.	0.
WAT08NR29E	11	2.50	0	0	1.08	0.96	0.00	1.13	0.00	0.00	0.60
WAT08NR29E-							0.	10.	0.	0.	1.
WAT07NR36E	5	6.00	3	1	3.48	2.40	0.00	3.48	0.00	0.00	0.00
WAT07NR36E-							0.	5.	0.	0.	0.
WAT03NR01E	10	4.50	1	0	1.82	1.49	0.00	3.25	1.40	1.52	0.00
WAT03NR01E-							0.	2.	4.	4.	0.
WAT03NR02E	7	4.30	1	0	1.54	1.14	0.00	2.95	1.05	0.70	0.00
WAT03NR02E-							0.	2.	4.	1.	0.
WAT02NR01E	16	2.40	0	0	0.93	0.73	0.00	1.10	0.85	0.94	0.00
WAT02NR01E-							0.	3.	8.	5.	0.
WAT02NR02E	45	5.80	2	1	1.10	0.79	0.00	1.54	1.16	0.90	0.45
WAT02NR02E-							0.	10.	14.	19.	2.
WAT02NR03E	6	1.70	0	0	1.08	1.00	0.00	0.00	1.30	0.87	0.00
WAT02NR03E-							0.	0.	3.	3.	0.
WAT01NR03E	6	2.50	0	0	1.20	1.03	0.00	2.50	1.50	0.80	0.00
WAT01NR03E-							0.	1.	1.	4.	0.
WAT01NR04E	8	1.50	0	0	0.85	0.72	0.00	0.50	0.87	1.35	0.00
WAT01NR04E-							0.	3.	3.	2.	0.

IDAHO WEATHERIZED EXISTING HOMES

IDENT	NUMBER SITES	HIGHEST READING	4 OR GRTR	5 OR GRTR	ARITH MEAN	GEOM MEAN	< 42 DAYS	<121 DAYS	<211 DAYS	<301 DAYS	<421 DAYS
ALL SITES	1539	64.00	398	326	3.95	2.34	0.00	3.82	4.20	4.20	3.82
ALL SITES-							0.	917.	394.	162.	63.
IDT61NR04W	6	7.70	2	1	2.57	1.39	0.00	1.20	0.00	4.37	0.55
IDT61NR04W-							0.	1.	0.	3.	2.
IDT60NR05W	5	14.50	1	1	4.09	2.13	0.00	14.50	1.30	0.00	1.55
IDT60NR05W-							0.	1.	1.	0.	3.

IDT59NR04W	13	64.00	5	4	8.46	3.07	0.00	1.40	1.33	14.64	5.68
IDT59NR04W-							0.	1.	1.	5.	6.
IDT57NR02W	9	4.28	1	0	1.32	1.03	0.00	1.29	1.57	0.90	1.60
IDT57NR02W-							0.	1.	4.	3.	1.
IDT53NR04W	10	46.42	7	5	13.90	8.11	0.00	21.82	6.37	4.40	0.00
IDT53NR04W-							0.	5.	4.	1.	0.
IDT53NR03W	6	22.60	3	3	9.21	5.42	0.00	11.75	0.00	7.94	0.00
IDT53NR03W-							0.	2.	0.	4.	0.
IDT53NR02W	12	42.25	9	8	10.12	6.14	0.00	16.11	4.82	5.80	19.40
IDT53NR02W-							0.	4.	3.	4.	1.
IDT52NR04W	23	63.30	18	16	15.34	10.02	0.00	14.13	19.24	11.61	8.80
IDT52NR04W-							0.	6.	10.	5.	2.
IDT52NR03W	23	27.53	13	9	6.27	3.28	0.00	5.29	8.73	5.07	9.00
IDT52NR03W-							0.	6.	4.	10.	3.
IDT51NR05W	21	43.28	15	14	12.36	7.22	0.00	14.92	22.34	1.43	7.60
IDT51NR05W-							0.	11.	3.	4.	3.
IDT51NR04W	61	36.49	47	46	9.48	7.39	0.00	11.10	7.99	7.61	7.80
IDT51NR04W-							0.	31.	14.	13.	3.
IDT51NR03W	20	21.45	5	4	4.86	3.28	0.00	8.90	5.24	2.71	4.10
IDT51NR03W-							0.	3.	8.	6.	3.
IDT50NR05W	41	21.12	27	24	6.62	5.23	0.00	8.13	6.46	5.24	9.20
IDT50NR05W-							0.	14.	10.	16.	1.
IDT50NR04W	53	28.20	33	28	8.12	5.29	0.00	11.00	7.45	4.33	4.00
IDT50NR04W-							0.	24.	14.	13.	1.
IDT49NR04W	10	17.54	5	4	6.12	4.32	0.00	6.22	17.54	2.13	0.00
IDT49NR04W-							0.	6.	1.	3.	0.
IDT48NR04W	8	29.50	1	1	5.65	2.96	0.00	9.31	2.91	1.30	2.50
IDT48NR04W-							0.	4.	1.	2.	1.
IDT47NR04W	15	13.31	5	4	3.96	2.84	0.00	4.37	5.50	2.00	4.33
IDT47NR04W-							0.	5.	3.	4.	3.
IDT47NR03W	5	4.50	2	0	3.38	3.22	0.00	2.54	3.93	0.00	0.00
IDT47NR03W-							0.	2.	3.	0.	0.
IDT14NR19E	24	8.42	14	9	4.54	4.06	0.00	4.34	4.72	0.00	0.00
IDT14NR19E-							0.	11.	13.	0.	0.
IDT13NR19E	15	11.05	11	8	5.59	5.14	0.00	5.63	5.10	0.00	0.00
IDT13NR19E-							0.	14.	1.	0.	0.
IDT02NR38E	542	14.60	26	18	1.90	1.53	0.00	1.91	1.97	1.35	1.22
IDT02NR38E-							0.	414.	103.	14.	11.
IDT09SR22E	9	7.90	2	1	2.61	1.82	0.00	2.61	0.00	0.00	0.00
IDT09SR22E-							0.	9.	0.	0.	0.
IDT09SR23E	48	7.00	1	1	1.61	1.41	0.00	1.50	2.42	0.00	0.00
IDT09SR23E-							0.	42.	6.	0.	0.
IDT09SR24E	14	4.50	1	0	1.41	1.17	0.00	1.45	0.90	0.00	0.00
IDT09SR24E-							0.	13.	1.	0.	0.
IDT09SR41E	6	6.80	1	1	2.55	1.98	0.00	3.13	1.39	0.00	0.00
IDT09SR41E-							0.	4.	2.	0.	0.
IDT09SR42E	63	19.70	14	12	3.29	2.40	0.00	3.45	2.95	0.00	1.00
IDT09SR42E-							0.	47.	15.	0.	1.
IDT10SR22E	94	12.30	17	10	2.56	1.89	0.00	3.22	2.57	0.84	2.88
IDT10SR22E-							0.	35.	42.	14.	3.
IDT10SR23E	149	27.60	55	45	4.24	2.80	0.00	4.40	4.16	0.73	1.48
IDT10SR23E-							0.	89.	57.	1.	2.
IDT10SR24E	6	3.52	0	0	1.88	1.66	0.00	1.88	0.00	0.00	0.00
IDT10SR24E-							0.	6.	0.	0.	0.
IDT11SR22E	12	8.40	6	6	3.95	2.27	0.00	4.06	3.87	0.00	0.00
IDT11SR22E-							0.	5.	7.	0.	0.
IDT11SR23E	15	12.20	3	2	3.47	2.57	0.00	4.24	2.68	0.00	0.00
IDT11SR23E-							0.	8.	6.	0.	0.
IDT11SR24E	15	12.30	2	2	2.80	1.96	0.00	2.80	0.00	0.00	0.00
IDT11SR24E-							0.	15.	0.	0.	0.
IDT12SR25E	15	4.47	1	0	1.92	1.67	0.00	2.96	1.66	0.00	0.00
IDT12SR25E-							0.	3.	12.	0.	0.

IDAHO MODEL CONSERVATION STANDARDS NEW HOMES

IDENT	NUMBER SITES	HIGHEST READING	4 OR GRTR	5 OR GRTR	ARITH MEAN	GEOM MEAN	< 42 DAYS	<121 DAYS	<211 DAYS	<301 DAYS	<421 DAYS
ALL SITES	181	58.20	34	26	3.60	1.64	0.00	3.00	7.48	7.80	1.50
ALL SITES-							0.	155.	20.	1.	2.
IDT36NR04W	24	7.40	1	1	1.44	1.03	0.00	1.44	0.00	0.00	0.00
IDT36NR04W-							0.	24.	0.	0.	0.
IDT35NR04W	22	1.70	0	0	0.53	0.48	0.00	0.53	0.00	0.00	0.00
IDT35NR04W-							0.	22.	0.	0.	0.
IDT02NR38E	17	6.30	1	1	2.38	2.04	0.00	2.57	1.00	0.00	0.00
IDT02NR38E-							0.	15.	2.	0.	0.
IDT09SR22E	6	9.10	1	1	2.62	1.49	0.00	2.62	0.00	0.00	0.00
IDT09SR22E-							0.	6.	0.	0.	0.
IDT09SR24E	6	1.90	0	0	1.08	0.86	0.00	1.08	0.00	0.00	0.00
IDT09SR24E-							0.	6.	0.	0.	0.

IDT10SR23E	8	4.30	1	0	1.81	1.36	0.00	1.46	4.30	0.00	0.00
IDT10SR23E-							0.	7.	1.	0.	0.
IDT14SR36E	5	4.00	1	0	2.06	1.83	0.00	2.06	0.00	0.00	0.00
IDT14SR36E-							0.	5.	0.	0.	0.

MONTANA WEATHERIZED EXISTING HOMES

IDENT	NUMBER SITES	HIGHEST READING	4 OR GRTR	5 OR GRTR	ARITH MEAN	GEOM MEAN	< 42 DAYS	<121 DAYS	<211 DAYS	<301 DAYS	<421 DAYS
ALL SITES	144	79.40	49	38	5.27	2.83	0.00	4.35	7.33	2.07	1.05
ALL SITES-							0.	72.	57.	11.	4.
MTT11NR20W	5	6.80	1	1	2.99	1.97	0.00	2.07	3.60	0.00	0.00
MTT11NR20W-							0.	2.	3.	0.	0.
MTT10NR20W	8	20.60	5	4	7.68	4.70	0.00	2.90	10.80	1.60	0.00
MTT10NR20W-							0.	2.	5.	1.	0.
MTT10NR19W	6	4.09	1	0	1.60	1.21	0.00	0.79	2.10	0.40	0.00
MTT10NR19W-							0.	1.	4.	1.	0.
MTT08NR20W	5	21.20	4	2	8.22	6.16	0.00	9.15	0.00	4.50	0.00
MTT08NR20W-							0.	4.	0.	1.	0.
MTT07NR21W	12	5.50	1	1	2.20	1.91	0.00	2.19	2.21	0.00	0.00
MTT07NR21W-							0.	6.	6.	0.	0.
MTT07NR20W	7	12.77	1	1	2.77	1.41	0.00	3.15	0.00	0.50	0.00
MTT07NR20W-							0.	6.	0.	1.	0.
MTT06NR20W	10	3.40	0	0	1.74	1.52	0.00	1.97	1.69	0.51	0.00
MTT06NR20W-							0.	6.	3.	1.	0.
MTT05NR20W	12	8.20	2	1	2.67	2.26	0.00	2.54	3.15	0.00	0.98
MTT05NR20W-							0.	6.	5.	0.	1.

MONTANA MODEL CONSERVATION STANDARDS NEW HOMES

IDENT	NUMBER SITES	HIGHEST READING	4 OR GRTR	5 OR GRTR	ARITH MEAN	GEOM MEAN	< 42 DAYS	<121 DAYS	<211 DAYS	<301 DAYS	<421 DAYS
ALL SITES	61	50.00	26	21	6.13	3.44	0.00	6.39	3.60	12.40	1.85
ALL SITES-							0.	44.	11.	4.	2.

WYOMING WEATHERIZED EXISTING HOMES

IDENT	NUMBER SITES	HIGHEST READING	4 OR GRTR	5 OR GRTR	ARITH MEAN	GEOM MEAN	< 42 DAYS	<121 DAYS	<211 DAYS	<301 DAYS	<421 DAYS
ALL SITES	191	52.70	117	97	6.42	4.82	0.00	6.79	5.29	4.10	0.00
ALL SITES-							0.	144.	46.	1.	0.
WYT42NR17W	6	9.90	3	3	4.11	2.96	0.00	3.41	5.50	0.00	0.00
WYT42NR17W-							0.	4.	2.	0.	0.
WYT41NR17W	5	7.60	2	1	3.71	3.13	0.00	4.07	2.29	0.00	0.00
WYT41NR17W-							0.	4.	1.	0.	0.
WYT41NR16W	14	18.40	5	5	4.63	3.13	0.00	5.26	3.48	0.00	0.00
WYT41NR16W-							0.	9.	5.	0.	0.
WYT40NR16W	5	2.50	0	0	1.54	1.44	0.00	1.79	1.37	0.00	0.00
WYT40NR16W-							0.	2.	3.	0.	0.
WYT35NR19W	7	11.30	4	2	4.84	3.84	0.00	4.84	0.00	0.00	0.00
WYT35NR19W-							0.	7.	0.	0.	0.
WYT34NR19W	10	12.90	7	6	6.75	6.06	0.00	8.17	3.43	0.00	0.00
WYT34NR19W-							0.	7.	3.	0.	0.
WYT33NR18W	5	15.00	4	3	7.20	6.17	0.00	8.00	4.00	0.00	0.00
WYT33NR18W-							0.	4.	1.	0.	0.
WYT32NR19W	25	15.60	19	19	7.60	6.57	0.00	7.53	8.07	0.00	0.00
WYT32NR19W-							0.	22.	3.	0.	0.
WYT32NR18W	43	52.70	33	25	8.11	6.29	0.00	8.98	6.10	0.00	0.00
WYT32NR18W-							0.	30.	13.	0.	0.
WYT31NR19W	23	17.40	19	13	6.92	5.93	0.00	6.15	10.12	4.10	0.00
WYT31NR19W-							0.	17.	5.	1.	0.
WYT31NR18W	17	16.00	9	9	6.57	4.97	0.00	6.21	9.20	0.00	0.00
WYT31NR18W-							0.	15.	2.	0.	0.
WYT30NR18W	6	5.50	1	1	2.87	2.54	0.00	2.87	0.00	0.00	0.00
WYT30NR18W-							0.	6.	0.	0.	0.

WYOMING MODEL CONSERVATION STANDARDS NEW HOMES

IDENT	NUMBER SITES	HIGHEST READING	4 OR GRTR	5 OR GRTR	ARITH MEAN	GEOM MEAN	< 42 DAYS	<121 DAYS	<211 DAYS	<301 DAYS	<421 DAYS
ALL SITES	30	15.20	12	11	5.17	3.62	0.00	7.93	3.29	0.00	3.90
ALL SITES-							0.	12.	17.	0.	1.
WYT41NR16W	8	11.10	3	2	4.09	2.79	0.00	10.05	2.10	0.00	0.00
WYT41NR16W-							0.	2.	6.	0.	0.

END

DATE
FILMED
6/19/92