

APPENDIX O

SITE-SPECIFIC MAGIC MODEL OUTPUT

The major output variable for this project from the MAGIC modeling effort was streamwater ANC, in the 1995 reference year and projected values in the years 2010, 2040, and 2100. These data are listed in the following table for each of the modeled sites. ANC values in 1995 are indicated as REF 1995. Future projections were based on the scenario of constant deposition at 1995 levels (CON) and each of the three Emissions Control Strategies (OTW, BWC, BYB). Sites are also labeled according to ANC class (1, ≤ 0 , 2, 0-20 $\mu\text{eq/L}$; 3, 20-50 $\mu\text{eq/L}$; 4, 50-150 $\mu\text{eq/L}$) and physiographic province. The data for 1995, 2010, and 2040 were provided to SAMI's socioeconomic contractor for evaluation of socioeconomic impacts associated with probable impacts on fisheries in the region.

SITE ID	ANC CLASS	REF 1995	PHYSIOGRAPHIC PROV	OTW 2010	OTW 2040	OTW 2100	BWC 2010	BWC 2040	BWC 2100	BYB 2010	BYB 2040	BYB 2100	CON 2010	CON 2040	CON 2100
VT39	1	-9.0	BLUERIDGE	-12.4	-11.8	-4.9	-11.4	-8.0	1.5	-10.4	-4.5	5.7	-14.7	-23.7	-36.0
VT68	1	-8.7	BLUERIDGE	-12.1	-10.5	-3.6	-10.9	-6.4	2.4	-9.8	-3.3	6.5	-14.0	-23.0	-34.3
VT36	1	-2.5	BLUERIDGE	-8.0	-8.3	1.6	-6.3	-1.2	14.7	-4.7	4.1	20.8	-10.5	-24.6	-47.1
VT74	2	2.2	BLUERIDGE	-2.0	-1.4	1.2	-0.9	2.5	5.8	0.1	5.4	9.5	-4.1	-14.9	-31.0
DR	2	2.4	BLUERIDGE	-2.0	4.2	9.9	0.2	12.0	18.9	2.9	15.9	22.8	-5.9	-19.2	-35.0
PAIN	2	3.5	BLUERIDGE	1.5	8.9	23.8	4.2	20.7	39.6	9.7	28.9	47.7	-4.2	-15.6	-30.8
2B058015U	2	4.5	BLUERIDGE	-0.3	4.9	19.7	2.1	12.5	30.0	4.4	19.2	36.6	-3.1	-13.9	-24.9
VT41	2	6.1	BLUERIDGE	2.2	0.3	8.5	3.4	5.8	14.8	4.2	10.0	18.6	0.2	-10.4	-29.1
GS01	2	9.4	BLUERIDGE	1.8	-11.6	-28.9	2.6	-4.2	-13.9	6.8	2.8	-4.0	0.0	-17.3	-54.0
BLFC	2	13.5	BLUERIDGE	7.1	1.3	-1.5	8.5	6.7	8.0	9.9	10.3	15.3	5.7	-10.2	-36.9
VT53	2	13.7	BLUERIDGE	11.1	13.7	20.9	13.4	19.3	29.3	15.2	23.1	33.7	5.9	-5.3	-26.0
BJ72	2	15.3	BLUERIDGE	10.7	4.6	1.2	11.5	8.5	7.8	12.9	12.2	12.7	10.3	1.3	-11.3
VT70	2	16.0	BLUERIDGE	12.8	11.6	13.6	13.5	14.2	19.5	14.1	16.4	23.3	11.2	2.1	-12.3
VT76	2	16.5	BLUERIDGE	10.7	6.4	6.3	11.9	11.6	14.8	13.3	15.9	20.7	9.2	-5.9	-27.6
GS02	2	17.7	BLUERIDGE	15.0	6.9	-2.7	15.4	12.3	6.2	18.8	16.8	12.7	13.4	4.3	-15.4
VT73	3	20.6	BLUERIDGE	17.3	17.0	20.2	18.1	20.0	26.8	19.2	23.3	31.0	14.7	4.5	-15.8
M039	3	22.0	BLUERIDGE	16.9	11.2	5.2	17.7	14.0	12.8	18.7	16.4	18.4	15.9	1.2	-22.1
BJ35	3	22.3	BLUERIDGE	14.1	2.6	0.6	14.9	12.7	14.7	21.8	22.8	25.9	8.6	-8.5	-32.2
2A07811	3	24.1	BLUERIDGE	18.9	9.9	-2.3	19.6	15.7	6.0	22.5	20.0	11.7	17.3	3.6	-23.2
CO01	3	24.3	BLUERIDGE	20.9	16.1	10.5	21.6	18.9	15.7	22.3	21.1	19.5	20.6	13.4	-0.2
GS07	3	25.2	BLUERIDGE	23.1	18.5	9.8	23.4	21.4	15.4	24.9	22.7	19.4	22.8	16.9	0.2
M038	3	26.7	BLUERIDGE	19.8	20.0	30.1	21.8	27.2	40.6	23.8	33.1	47.7	17.4	1.9	-16.3
LEWF	3	26.9	BLUERIDGE	21.0	9.2	2.2	21.6	15.4	13.6	25.3	22.5	22.6	19.3	0.7	-28.6
M037	3	27.8	BLUERIDGE	19.7	14.0	18.6	21.2	21.4	29.4	22.6	27.2	37.0	18.6	-3.4	-29.4
GS08	3	36.1	BLUERIDGE	34.6	30.4	25.6	34.9	32.6	28.7	36.7	34.8	30.9	33.8	29.8	20.7
VT02	3	37.0	BLUERIDGE	35.3	32.4	32.0	35.8	35.6	38.9	38.2	41.3	43.8	33.6	25.8	10.5
2A07817	3	39.4	BLUERIDGE	36.3	30.3	18.7	36.6	32.1	23.9	37.8	34.5	27.8	36.0	29.0	9.4
GS05	3	43.1	BLUERIDGE	40.8	37.4	31.0	41.1	38.4	33.3	41.5	39.6	35.5	40.5	35.3	23.1
BJ77	3	44.9	BLUERIDGE	43.4	40.4	36.2	43.7	41.3	38.1	43.8	42.3	39.5	43.2	39.3	30.6
LB01	3	46.2	BLUERIDGE	35.7	33.4	41.4	39.6	41.3	53.6	41.8	48.6	62.0	34.1	21.2	4.4

SITE ID	ANC CLASS	REF 1995	PHYSIOGRAPHIC PROV	OTW 2010	OTW 2040	OTW 2100	BWC 2010	BWC 2040	BWC 2100	BYB 2010	BYB 2040	BYB 2100	CON 2010	CON 2040	CON 2100
VT77	3	48.0	BLUERIDGE	42.7	38.8	37.7	44.0	43.3	45.2	45.3	46.9	50.8	41.3	27.6	5.6
BJ76	3	49.3	BLUERIDGE	46.2	41.9	34.6	46.5	44.2	39.3	47.4	45.1	41.2	46.0	40.5	28.0
2A07816	4	50.3	BLUERIDGE	47.4	42.4	34.3	47.7	44.1	37.5	48.4	45.6	40.0	47.0	39.8	24.1
CO05	4	50.7	BLUERIDGE	44.6	43.3	47.6	47.1	50.8	57.4	49.8	56.9	64.6	43.6	32.8	19.6
2A07834	4	51.3	BLUERIDGE	49.6	46.9	42.9	49.9	47.5	44.7	50.4	48.7	45.6	49.4	46.4	39.1
VT48	4	53.5	BLUERIDGE	48.2	42.2	38.7	49.1	46.2	47.5	50.1	50.2	51.9	47.2	32.6	5.1
NFDR	4	55.2	BLUERIDGE	54.5	54.4	56.3	54.7	56.9	59.9	55.7	58.4	61.6	51.7	48.4	43.1
CO10	4	55.8	BLUERIDGE	51.0	46.9	47.2	53.3	53.1	53.1	55.1	56.5	57.0	50.7	41.0	25.0
2A07828	4	56.4	BLUERIDGE	55.3	52.3	46.6	55.3	53.1	48.8	55.5	53.8	50.2	55.2	51.6	42.8
2A08804	4	57.4	BLUERIDGE	54.7	50.4	42.2	55.0	51.8	46.9	55.4	53.5	50.5	54.6	49.1	35.0
2A07810U	4	62.1	BLUERIDGE	57.8	51.1	35.1	58.3	53.1	41.1	60.1	55.2	45.1	57.5	49.0	22.1
2A07829	4	62.5	BLUERIDGE	61.3	58.4	52.9	61.3	59.2	55.2	61.6	59.9	56.5	61.1	57.3	49.1
CO06	4	66.3	BLUERIDGE	64.0	60.3	55.4	64.4	62.1	59.1	64.9	63.6	61.5	63.8	58.3	47.3
VA531S	4	68.0	BLUERIDGE	66.2	63.9	63.7	66.6	67.2	66.7	68.9	69.5	68.8	63.2	58.0	46.9
2A07810L	4	68.6	BLUERIDGE	64.1	55.1	44.2	64.5	57.7	49.8	65.5	61.0	54.2	63.4	52.1	29.6
GS04	4	73.4	BLUERIDGE	59.6	34.4	15.8	61.2	45.6	35.7	64.4	55.7	50.1	57.5	22.5	-33.0
VT05	4	74.8	BLUERIDGE	71.0	67.2	65.1	71.3	69.3	68.1	72.2	71.8	71.2	70.3	63.1	45.0
NFD	4	77.1	BLUERIDGE	75.4	73.4	69.3	76.2	75.8	75.7	79.0	77.8	80.1	70.3	59.3	36.2
VT46	4	82.1	BLUERIDGE	79.3	77.3	75.2	80.0	78.5	77.9	80.6	80.3	80.4	78.9	74.2	63.8
VT59	4	85.6	BLUERIDGE	83.5	82.1	82.4	83.8	83.9	85.6	84.4	85.2	87.3	82.6	77.0	66.5
VT58	4	87.5	BLUERIDGE	85.9	84.5	84.4	86.2	86.1	86.6	86.9	86.8	88.2	84.8	82.0	76.8
GS06	4	95.8	BLUERIDGE	91.5	85.2	74.6	92.0	86.9	79.5	92.7	88.8	83.4	90.9	82.7	60.1
STAN	4	96.5	BLUERIDGE	94.3	93.8	94.7	94.8	95.7	97.4	95.6	97.0	98.7	92.7	88.7	78.5
2A07882	4	97.1	BLUERIDGE	94.8	89.7	81.1	95.0	91.1	83.6	95.4	92.0	85.2	94.7	88.7	75.0
2A07835	4	98.2	BLUERIDGE	96.3	93.8	89.0	96.5	94.6	91.2	96.8	95.5	92.9	96.3	92.9	84.9
2A07805	4	98.7	BLUERIDGE	94.7	89.6	78.1	95.2	90.8	82.5	96.8	93.4	86.0	93.9	88.0	63.7
2A08802	4	99.8	BLUERIDGE	97.9	94.5	89.2	98.1	95.5	91.2	98.6	96.6	93.2	97.7	93.8	85.9
VT62	4	103.3	BLUERIDGE	102.1	101.1	100.3	102.2	101.8	101.5	102.5	102.3	102.5	101.7	97.0	91.4
2A07701	4	103.9	BLUERIDGE	100.1	94.5	83.6	100.4	95.7	89.0	101.4	98.0	92.6	99.7	93.6	77.1
2A07812	4	111.4	BLUERIDGE	108.4	103.2	94.8	108.7	104.8	98.1	109.2	106.3	100.4	108.1	101.4	87.5

SITE ID	ANC CLASS	REF 1995	PHYSIOGRAPHIC PROV	OTW 2010	OTW 2040	OTW 2100	BWC 2010	BWC 2040	BWC 2100	BYB 2010	BYB 2040	BYB 2100	CON 2010	CON 2040	CON 2100
2A07823	4	112.8	BLUERIDGE	106.3	98.9	88.2	107.7	103.5	98.6	108.9	106.6	105.5	105.7	90.4	61.7
2A07806	4	115.1	BLUERIDGE	112.7	107.8	101.0	112.9	110.0	106.2	113.7	112.1	109.4	112.1	104.8	89.0
2A08901	4	120.5	BLUERIDGE	118.8	116.5	110.5	119.0	117.1	113.1	119.2	117.6	114.7	118.8	116.0	107.0
2A08805	4	121.3	BLUERIDGE	118.4	113.3	102.3	118.7	114.9	107.2	119.2	116.2	110.6	118.4	112.1	93.9
2A07821	4	124.2	BLUERIDGE	122.8	120.5	116.3	122.9	121.2	117.9	123.2	121.9	119.4	122.6	119.3	113.3
VT75	4	133.7	BLUERIDGE	133.2	131.0	130.7	133.1	133.1	133.0	134.2	134.2	134.4	131.6	126.5	122.3
2A08810	4	140.5	BLUERIDGE	138.7	134.1	122.8	138.9	135.9	127.7	139.4	137.0	131.2	138.7	133.1	118.1
VT66	4	141.6	BLUERIDGE	140.2	137.6	137.2	140.4	140.4	141.0	142.2	142.6	143.6	138.8	133.7	124.8
OC31	1	-111.8	PLATEAU	-112.8	-90.3	-62.0	-109.6	-84.0	-56.2	-107.5	-78.4	-49.7	-124.3	-142.2	-156.0
OC09	1	-91.2	PLATEAU	-92.4	-75.0	-51.8	-90.4	-70.0	-47.2	-88.8	-65.6	-42.0	-100.6	-115.9	-128.2
OC05	1	-85.5	PLATEAU	-91.1	-80.7	-61.0	-89.0	-75.5	-55.5	-87.1	-71.0	-49.5	-99.4	-121.3	-146.3
OC32	1	-78.3	PLATEAU	-84.0	-74.0	-54.8	-82.1	-68.3	-49.4	-80.6	-63.8	-43.5	-92.7	-116.9	-145.2
OC08	1	-77.2	PLATEAU	-85.0	-76.5	-57.2	-82.8	-70.9	-51.2	-81.2	-65.9	-44.5	-94.5	-123.6	-155.8
DS06	1	-66.9	PLATEAU	-75.2	-72.3	-59.2	-73.5	-66.7	-52.8	-71.5	-62.2	-46.5	-83.9	-116.1	-164.5
OC02	1	-59.4	PLATEAU	-70.5	-76.2	-68.6	-68.7	-70.0	-60.4	-66.5	-64.7	-52.1	-81.0	-122.0	-180.8
OC35	1	-59.3	PLATEAU	-68.3	-55.4	-31.8	-65.8	-49.7	-26.1	-63.4	-44.8	-19.6	-77.7	-106.9	-133.6
DS04	1	-56.4	PLATEAU	-65.0	-63.6	-48.3	-63.3	-57.4	-41.1	-61.6	-51.6	-34.2	-74.2	-108.2	-160.3
DS09	1	-44.6	PLATEAU	-52.1	-47.8	-36.5	-50.7	-44.1	-31.9	-49.4	-40.6	-26.5	-59.1	-86.6	-123.5
WV523S	1	-43.5	PLATEAU	-40.6	-31.2	-12.6	-39.6	-27.0	-7.9	-36.8	-22.8	-2.3	-53.0	-66.1	-81.5
2C041051	1	-22.6	PLATEAU	-19.0	-8.8	-1.8	-17.8	-6.1	0.9	-16.9	-3.8	4.0	-24.2	-32.4	-50.2
2C046034	1	-21.6	PLATEAU	-21.3	-16.0	-1.2	-19.8	-10.5	5.1	-17.0	-4.2	12.3	-29.4	-43.0	-54.0
WV785S	1	-21.5	PLATEAU	-26.7	-25.8	-21.0	-25.7	-22.0	-15.5	-24.2	-17.8	-10.6	-28.6	-43.2	-59.9
DS19	1	-20.2	PLATEAU	-30.0	-31.6	-26.0	-28.8	-27.5	-20.8	-27.3	-23.7	-15.0	-36.4	-63.6	-117.5
DS50	1	-17.3	PLATEAU	-22.5	-23.8	-20.4	-21.8	-21.3	-16.9	-21.0	-19.0	-12.9	-27.1	-45.6	-80.2
2C046033	1	-16.5	PLATEAU	-17.7	-20.7	-21.9	-16.8	-16.8	-17.5	-15.1	-12.4	-12.5	-24.1	-38.4	-63.0
2C066027U	1	-14.4	PLATEAU	-19.4	-19.0	-14.6	-18.7	-16.1	-9.0	-17.3	-12.6	-5.1	-22.2	-35.4	-53.2
2C046043U	1	-11.7	PLATEAU	-11.0	-0.3	8.8	-9.2	5.6	14.6	-5.7	12.1	21.7	-17.3	-29.1	-43.9
WV548S	1	-8.4	PLATEAU	-10.8	-8.1	5.4	-9.4	-2.6	12.0	-6.3	3.8	19.7	-18.0	-33.8	-49.0
FN2	1	-6.3	PLATEAU	-18.1	-3.5	27.6	-15.0	4.9	35.3	-11.6	12.1	43.8	-34.8	-71.7	-93.4
FN1	1	-5.6	PLATEAU	-28.4	-10.5	21.9	-24.7	-2.9	27.8	-21.7	3.5	34.6	-43.0	-81.6	-89.6

SITE ID	ANC CLASS	REF 1995	PHYSIOGRAPHIC PROV	OTW 2010	OTW 2040	OTW 2100	BWC 2010	BWC 2040	BWC 2100	BYB 2010	BYB 2040	BYB 2100	CON 2010	CON 2040	CON 2100
FN3	1	-3.9	PLATEAU	-13.5	-22.5	-15.6	-11.3	-14.7	-6.4	-7.7	-7.9	3.3	-28.5	-77.1	-142.0
2C046043L	1	-2.6	PLATEAU	-1.1	-10.2	5.1	-0.1	-3.5	12.6	1.7	4.2	21.2	-9.8	-30.5	-61.9
2C041033U	1	-2.2	PLATEAU	-2.3	-6.8	1.3	-1.4	0.0	8.5	-0.2	6.0	16.5	-12.5	-38.6	-96.3
2C057004	2	2.4	PLATEAU	4.2	10.3	13.8	7.8	15.9	17.9	10.1	19.2	25.8	-3.0	-7.3	-33.3
WV531S	2	2.8	PLATEAU	1.0	7.0	11.6	1.8	10.5	14.3	2.7	12.8	16.6	-2.9	-16.0	-41.4
WV788S	2	5.8	PLATEAU	3.6	1.8	-2.8	4.3	3.7	1.0	5.3	6.2	5.4	0.3	-11.6	-40.1
2C041040	2	10.3	PLATEAU	7.7	24.7	37.2	11.5	26.9	45.2	15.4	32.1	54.3	-8.5	-38.3	-74.4
2C047010L	2	11.9	PLATEAU	11.8	6.1	1.7	12.5	9.7	8.7	14.4	13.4	15.9	0.7	-18.3	-55.4
2C047010U	2	13.4	PLATEAU	10.4	1.8	-2.9	10.7	6.6	1.9	11.6	12.1	6.3	5.4	-15.9	-54.7
2C066027L	2	15.2	PLATEAU	8.6	7.6	11.3	9.4	10.9	17.6	11.1	14.8	22.0	5.5	-9.9	-28.3
OC79	2	15.2	PLATEAU	8.4	-1.3	-6.8	9.4	3.0	-0.5	11.4	6.8	5.8	2.2	-26.6	-92.5
2C066026L	3	22.1	PLATEAU	12.3	-1.8	-18.0	13.1	3.7	-4.6	15.8	9.3	4.1	9.3	-20.0	-75.9
2C046053L	3	23.7	PLATEAU	26.2	23.4	26.4	27.9	25.2	33.1	30.7	30.8	40.6	18.1	3.5	-35.4
SP39	3	29.9	PLATEAU	23.8	17.0	4.5	24.1	18.1	7.3	24.8	19.5	8.6	22.9	10.6	-10.2
WV796S	3	31.1	PLATEAU	28.5	27.9	27.8	29.0	29.3	29.5	29.3	30.2	31.2	26.7	18.1	-5.9
WV769S	3	31.7	PLATEAU	27.9	21.1	12.2	28.3	22.7	17.1	28.7	24.5	22.2	26.3	9.1	-60.6
2C046050	3	34.6	PLATEAU	28.3	35.9	50.4	30.1	41.4	55.0	32.8	48.6	60.1	23.4	9.2	-9.3
2C077022U	3	36.2	PLATEAU	28.2	17.2	4.0	28.9	21.4	14.9	30.3	25.8	21.5	26.3	9.3	-37.3
2C066039L	3	41.9	PLATEAU	31.7	19.8	7.2	32.5	24.6	18.4	34.4	29.8	24.8	29.0	1.2	-52.9
SP10	3	46.7	PLATEAU	40.8	34.0	25.0	41.1	35.5	29.4	42.1	37.1	31.2	39.3	27.8	6.7
WV547S	4	51.8	PLATEAU	43.8	41.5	42.5	44.8	49.6	47.5	46.1	57.1	53.0	36.1	-1.2	-59.6
2C041039	4	53.3	PLATEAU	50.4	48.5	40.0	50.9	49.9	43.4	51.9	51.5	46.7	47.8	23.8	-85.5
2C046013L	4	61.2	PLATEAU	55.5	47.6	28.3	56.7	50.8	36.4	58.4	53.6	44.6	46.4	24.5	-54.0
2C047007	4	69.8	PLATEAU	66.8	63.0	53.9	67.4	65.1	58.4	68.1	67.1	63.0	64.5	49.5	-42.6
2C041043U	4	86.6	PLATEAU	86.4	92.2	86.9	86.9	93.6	91.5	88.1	96.1	99.0	78.7	51.2	-10.3
WV770S	4	93.7	PLATEAU	90.7	89.9	83.7	92.2	91.2	86.5	93.5	92.6	89.3	84.8	67.5	23.1
SP41	4	101.9	PLATEAU	94.8	86.1	71.5	95.0	87.0	74.7	95.7	88.2	76.4	94.1	81.5	61.5
2C046062L	4	118.4	PLATEAU	114.0	107.9	97.7	114.3	109.5	101.7	115.1	111.5	105.7	111.3	94.9	51.5
2C041045	4	126.0	PLATEAU	120.1	117.2	110.3	120.6	120.1	114.2	121.2	121.7	118.8	117.4	95.3	32.2
VA526S	4	129.9	PLATEAU	123.9	116.6	107.6	124.3	119.6	113.0	125.2	121.6	117.7	122.5	107.2	60.3

SITE ID	ANC CLASS	REF 1995	PHYSIOGRAPHIC PROV	OTW 2010	OTW 2040	OTW 2100	BWC 2010	BWC 2040	BWC 2100	BYB 2010	BYB 2040	BYB 2100	CON 2010	CON 2040	CON 2100
WV771S	4	137.7	PLATEAU	133.1	128.6	119.0	133.5	129.7	122.1	133.9	130.7	125.3	131.3	116.3	18.7
2B041049U	1	-78.1	VALLEY&RIDGE	-71.0	-46.4	-25.0	-68.7	-41.1	-19.1	-66.8	-37.2	-14.7	-84.0	-97.3	-116.8
VT50	1	-41.7	VALLEY&RIDGE	-41.4	-20.4	2.6	-39.2	-13.1	9.5	-36.1	-7.8	15.0	-50.7	-65.3	-85.1
VT78	1	-10.0	VALLEY&RIDGE	-14.5	-13.3	-5.9	-13.6	-9.2	0.0	-10.5	-4.5	5.0	-16.8	-27.6	-41.6
VT72	1	-5.6	VALLEY&RIDGE	-8.8	-6.7	3.0	-7.2	-1.4	10.4	-5.8	2.8	15.2	-11.5	-21.1	-34.9
VT26	1	-5.2	VALLEY&RIDGE	-17.6	-24.4	-26.0	-14.9	-16.6	-12.7	-11.3	-8.3	-3.6	-20.3	-49.7	-93.8
VT32	1	-0.3	VALLEY&RIDGE	-7.2	-16.4	-19.9	-6.4	-10.2	-8.2	-4.0	-2.1	0.3	-9.3	-34.1	-73.3
DR01	2	0.1	VALLEY&RIDGE	-4.7	-1.2	15.4	-2.7	9.9	30.1	-0.8	16.9	36.3	-7.9	-21.8	-42.8
VT07	2	0.2	VALLEY&RIDGE	-5.5	-9.9	-3.4	-4.3	-4.5	4.8	-1.9	2.4	12.2	-9.6	-25.4	-53.5
2B047076L	2	1.1	VALLEY&RIDGE	-1.4	7.2	21.1	1.2	16.7	33.6	3.9	22.6	38.9	-4.2	-14.8	-32.7
VT31	2	1.5	VALLEY&RIDGE	-3.6	-7.8	-9.4	-2.7	-4.5	-3.7	-1.5	-0.8	0.9	-4.6	-16.6	-38.9
VT56	2	2.0	VALLEY&RIDGE	-2.4	-1.8	9.6	-1.7	4.1	16.3	-0.4	8.8	21.5	-4.1	-16.2	-34.9
VT35	2	4.6	VALLEY&RIDGE	1.6	10.9	27.3	4.2	21.1	40.9	7.0	27.7	47.0	-2.5	-13.8	-29.2
VT49	2	6.2	VALLEY&RIDGE	6.0	11.4	12.7	7.8	12.8	15.0	9.5	14.1	17.0	-0.2	-12.9	-28.4
2B047076U	2	6.6	VALLEY&RIDGE	8.5	15.1	22.8	10.8	23.4	33.9	13.3	28.6	38.8	3.2	-3.9	-24.1
VA524S	2	6.8	VALLEY&RIDGE	-0.3	0.2	3.3	1.9	6.8	13.3	5.3	13.0	21.7	-2.5	-19.9	-45.5
VT29	2	8.2	VALLEY&RIDGE	4.3	-0.3	-5.1	4.8	2.0	-0.3	5.7	4.5	4.0	3.6	-6.1	-27.3
VT25	2	9.1	VALLEY&RIDGE	5.6	1.3	-3.6	6.1	3.2	1.7	6.6	5.8	6.0	5.1	-4.5	-25.6
VT28	2	9.4	VALLEY&RIDGE	4.7	-0.4	-5.0	5.3	2.2	-0.1	6.2	4.9	3.5	3.8	-8.0	-29.9
VT09	2	11.0	VALLEY&RIDGE	5.9	2.5	2.5	6.6	5.2	7.9	8.2	10.2	12.8	3.5	-12.6	-39.2
VT08	2	19.4	VALLEY&RIDGE	13.7	8.7	14.5	14.3	12.6	22.6	16.5	20.5	29.5	11.1	-4.0	-40.6
WOR	3	23.5	VALLEY&RIDGE	18.8	14.0	13.5	20.1	23.5	25.0	25.0	28.9	32.5	14.8	-0.5	-22.0
WOR1	3	24.9	VALLEY&RIDGE	20.4	18.9	16.7	21.1	22.8	22.7	22.9	26.2	26.3	18.1	4.7	-24.8
VT57	3	27.5	VALLEY&RIDGE	25.9	26.4	24.1	27.2	28.4	27.6	28.7	29.9	30.5	22.9	13.4	-7.8
VT10	3	27.6	VALLEY&RIDGE	23.0	18.9	15.8	23.5	21.4	19.9	24.0	23.8	22.7	21.7	9.8	-12.8
VA555S	3	28.1	VALLEY&RIDGE	22.9	18.4	16.0	23.6	21.2	21.1	24.4	23.4	24.8	21.9	9.1	-13.3
VT24	3	29.7	VALLEY&RIDGE	23.5	18.4	14.7	24.2	22.1	22.6	25.9	26.3	27.3	22.9	9.7	-18.2
VA548S	3	30.3	VALLEY&RIDGE	21.5	16.7	19.5	22.5	21.5	30.1	23.9	25.1	36.4	14.5	-15.1	-42.0
2A068015U	3	31.4	VALLEY&RIDGE	29.6	25.6	19.1	29.7	26.7	22.2	30.3	27.9	24.5	28.7	22.2	5.8
VT37	3	33.2	VALLEY&RIDGE	28.5	29.4	34.1	29.7	32.1	39.8	31.0	35.8	44.4	25.8	13.5	-6.5

SITE ID	ANC CLASS	REF 1995	PHYSIOGRAPHIC PROV	OTW 2010	OTW 2040	OTW 2100	BWC 2010	BWC 2040	BWC 2100	BYB 2010	BYB 2040	BYB 2100	CON 2010	CON 2040	CON 2100
VT11	3	35.6	VALLEY&RIDGE	32.7	28.8	22.2	33.3	30.2	28.1	33.6	31.2	32.1	31.9	23.6	4.9
VT15	3	36.2	VALLEY&RIDGE	33.6	30.2	25.5	34.0	32.1	29.2	34.3	33.3	31.8	33.1	25.3	9.7
VT34	3	46.9	VALLEY&RIDGE	40.1	36.8	36.9	41.6	42.4	44.8	43.0	45.3	50.5	38.1	22.0	-1.7
VT54	4	51.4	VALLEY&RIDGE	49.2	53.1	54.8	49.7	56.4	59.1	51.4	58.8	62.7	46.8	33.3	4.1
VT18	4	58.2	VALLEY&RIDGE	54.8	51.6	43.3	55.6	53.3	47.0	56.3	54.9	51.1	52.3	37.3	5.6
VT19	4	58.3	VALLEY&RIDGE	54.1	47.1	40.6	54.4	48.5	47.7	55.3	50.8	54.2	49.8	32.0	-8.0
2B047032	4	62.9	VALLEY&RIDGE	53.1	38.6	38.2	53.7	42.3	45.6	56.3	46.1	52.7	49.4	7.3	-24.6
VT38	4	70.0	VALLEY&RIDGE	67.2	65.3	63.4	68.2	68.4	68.9	69.1	71.3	73.2	65.0	52.6	18.1
2B041020L	4	93.3	VALLEY&RIDGE	90.2	90.4	88.6	91.1	91.9	90.4	92.1	92.9	92.5	85.6	67.3	34.4
VT55	4	94.3	VALLEY&RIDGE	92.2	92.7	89.3	93.7	95.4	93.1	96.1	97.5	96.2	88.4	73.4	31.5
VT20	4	111.0	VALLEY&RIDGE	104.1	97.2	88.1	105.3	100.9	95.2	106.7	104.2	101.4	103.3	87.6	47.3
VA821S	4	112.4	VALLEY&RIDGE	107.9	101.4	104.8	108.5	106.9	114.2	109.1	114.1	121.0	107.1	88.9	63.3
2B047044U	4	116.6	VALLEY&RIDGE	112.6	114.7	120.1	114.0	117.2	124.2	115.8	119.6	128.0	107.8	100.3	86.5
VT12	4	135.9	VALLEY&RIDGE	131.8	125.7	118.8	132.2	128.1	124.0	132.8	129.8	126.7	131.1	122.1	102.0