

Appendix G: Magnetic Declination

BURLINGTON INTERNATIONAL AIRPORT (BTV), BURLINGTON, VERMONT

Airport Master Plan

BTV MAGNETIC DECLINATION CHANGE

Runway	Azimuth		Degree	Decimel
15	130 48 57.8009	=	130.8161	
33	310 49 58.6179	=	310.8329	
1	351 25 13.94	=	351.4205	
19	171 25 8.0135	=	171.4189	

Azimuth taken from NGS calc based on Woolpert survey

Declination taken from NGS 9/20 = 14 1", changing by 5' East = 14.01667
 - changing 5' East anually (subtract) 0.083333

Year	Rwy 15	Rwy 33	Rwy 1	Rwy 19
2020	144.8327	324.8496	365.4372	185.4356
2021	144.7494	324.7662	365.3538	185.3522
2022	144.6661	324.6829	365.2705	185.2689
2023	144.5827	324.5996	365.1872	185.1856
2024	144.4994	324.5162	365.1038	185.1022
2025	144.4161	324.4329	365.0205	185.0189
2026	144.3327	324.3496	364.9372	184.9356
2027	144.2494	324.2662	364.8538	184.8522
2028	144.1661	324.1829	364.7705	184.7689
2029	144.0827	324.0996	364.6872	184.6856
2030	143.9994	324.0162	364.6038	184.6022
2031	143.9161	323.9329	364.5205	184.5189
2032	143.8327	323.8496	364.4372	184.4356
2033	143.7494	323.7662	364.3538	184.3522
2034	143.6661	323.6829	364.2705	184.2689
2035	143.5827	323.5996	364.1872	184.1856
2036	143.4994	323.5162	364.1038	184.1022
2037	143.4161	323.4329	364.0205	184.0189
2038	143.3327	323.3496	363.9372	183.9356