

West Chin Top - Long-term Site  
Reference Survey

<b>Table 3 - West Chin Top Survey Data</b>		Based on NAD 1927							Rod H - Theo M
		Distance Meters	Vertical Angle DMS	Horiz. Angle DMS	H-Angle Reference DMS	X-Coord	Y-Coord	Z-Coord	
<i>Theodolite Location</i>	<i>Target Location</i>								
	<b>CHIN (UVM- Triangle hole)</b>								
	<b>Chin-USCGS Monument</b>								
Chin-USCGS Monument	<b>MACBETH</b>	94.09	352.18.25	123.03.05	W-Chin Pass Point				0
Chin-USCGS Monument	<b>SUNSET (monument hole)</b>	164.09	356.23.20	336.16.55	W-Chin Pass Point				0
Chin-USCGS Monument	<b>CHIN - UVM triangle/hole</b>	0.5	0	180 magn	magnetic north				0
<b>SUNSET (UVM, 1977)</b>	<b>Summit Saddle NW Corner</b>	<b>107.75</b>	<b>0.26.20</b>	<b>00.00.00</b>	<b>0</b>				<b>0.4</b>
SUNSET (UVM, 1977)	<i>SW corner Summit Saddle Quadrat</i>	87.6	0.14.25	13.01.05	0				0.4
SUNSET (UVM, 1977)	<i>Chin Brass Monument</i>	164.66	3.42	337.21.10	0				0.4
SUNSET (UVM, 1977)	<i>TERRYBETHS (UVM)</i>	98.74	0.11.55	32.31.10	0				0.4
SUNSET (UVM, 1977)	<i>Base of microwave tower</i>		354.36.50	99.57.45	0				0.4
SUNSET (UVM, 1977)	<i>Summit Station Tower</i>			97.20.45	0				0.4
SUNSET (UVM, 1977)	<i>Nose Tower (tallest)</i>			96.37.00	0				0.4
<b>W-Chin Top Origin</b>	<b>NorthWest Corner from Origin</b>	<b>20</b>		<b>00.00.00</b>	<b>Corner</b>	<b>0</b>	<b>20</b>		
W-Chin Top Origin	<i>Ben's 1991 WChin origin (old)</i>	2.43		315.08.50	20-meter 0-line	-1.69	1.7	-0.34	0
W-Chin Top Origin	<i>SUNSET (monument hole)</i>	18.78		262.23.20	20-meter 0-line	-18.62	-2.44	0.35	0
W-Chin Top Origin	<i>TerryBeths UVM Monument</i>	78.85		86.22.50	20-meter 0-line	78.71	fog	fog	0
W-Chin Top Origin	<i>Chin USCGS monument</i>	152.94	3.58.05	24.44.20	20-meter 0-line	63.86	fog	fog	0.02
W-Chin Top Origin	<i>Summit Saddle Origin</i>	90.82	0.31.30	47.07.35	20-meter 0-line	66.55	61.79	0.83	0
W-Chin Top Origin	<i>meter quad 1- So-West Corner</i>	22.02		33.29.45	20-meter 0-line	12	18.14	-3.47	0
W-Chin Top Origin	<i>meter quad 2- So-West Corner</i>	22.71		60.56.55	20-meter 0-line	19.67	10.93	-3.06	0
W-Chin Top Origin	<i>meter quad 3- So-West Corner</i>	27.91		59.44.40	20-meter 0-line	23.91	13.94	-3.52	0
W-Chin Top Origin	<i>meter quad 4- So-West Corner</i>	15.11		84.24.20	20-meter 0-line	14.75	1.97	-2.63	0
W-Chin Top Origin	<i>meter quad 5- So-West Corner</i>	32.5		56.18.35	20-meter 0-line	26.89	17.93	-3.5	0
W-Chin Top Origin	<i>meter quad 6- So-West Corner</i>	24.08		48.21.60	20-meter 0-line	17.82	15.84	-2.69	0
W-Chin Top Origin	<i>meter quad 7- So-West Corner</i>	25.9		67.22.50	20-meter 0-line	23.69	9.87	-3.55	0
W-Chin Top Origin	<i>meter quad 8- So-West Corner</i>	15.07		36.52.10	20-meter 0-line	8.98	11.97	-1.8	0
W-Chin Top Origin	<i>meter quad 9- So-West Corner</i>	16.62		32.44.10	20-meter 0-line	8.96	13.89	-1.89	0
W-Chin Top Origin	<i>meter quad 10- So-West Corner</i>	6.33		71.33.55	20-meter 0-line	5.75	1.92	-1.78	0