

West Chin Top - Long-term Site  
Reference Survey

<b>Table 3 - West Chin Top Survey Data</b>		Based on NAD 1927							
<i>Theodolite Location</i>	<i>Target Location</i>	Distance Meters	Vertical Angle DMS	Horiz. Angle DMS	H-Angle Reference DMS	X-Coord	Y-Coord	Z-Coord	Rod H - Theo M
	<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>	164.085	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>107.745</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>	87.596	0.14.25	13.01.05	0				0.4
SUNSET (UVM, 1977)	<i>Chin Brass Monument</i>	164.662	3.42	337.21.10	0				0.4
SUNSET (UVM, 1977)	<i>TERRYBETHS (UVM)</i>	98.739	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>	2.427		315.08.50	20-meter 0-line	-1.692	1.698	-0.336	0
W-Chin Top Origin	<i>SUNSET (monument hole)</i>	18.778		262.23.20	20-meter 0-line	-18.622	-2.438	0.347	0
W-Chin Top Origin	<i>TerryBeths UVM Monument</i>	78.85		86.22.50	20-meter 0-line	78.705	fog	fog	0
W-Chin Top Origin	<i>Chin USCGS monument</i>	152.94	3.58.05	24.44.20	20-meter 0-line	63.857	fog	fog	0.02
W-Chin Top Origin	<i>Summit Saddle Origin</i>	90.823	0.31.30	47.07.35	20-meter 0-line	66.55	61.785	0.833	0
W-Chin Top Origin	<i>meter quad 1- So-West Corner</i>	22.016		33.29.45	20-meter 0-line	12	18.14	-3.468	0
W-Chin Top Origin	<i>meter quad 2- So-West Corner</i>	22.709		60.56.55	20-meter 0-line	19.667	10.928	-3.061	0
W-Chin Top Origin	<i>meter quad 3- So-West Corner</i>	27.912		59.44.40	20-meter 0-line	23.909	13.942	-3.521	0
W-Chin Top Origin	<i>meter quad 4- So-West Corner</i>	15.11		84.24.20	20-meter 0-line	14.745	1.967	-2.626	0
W-Chin Top Origin	<i>meter quad 5- So-West Corner</i>	32.504		56.18.35	20-meter 0-line	26.888	17.929	-3.498	0
W-Chin Top Origin	<i>meter quad 6- So-West Corner</i>	24.083		48.21.60	20-meter 0-line	17.819	15.838	-2.694	0
W-Chin Top Origin	<i>meter quad 7- So-West Corner</i>	25.902		67.22.50	20-meter 0-line	23.688	9.87	-3.548	0
W-Chin Top Origin	<i>meter quad 8- So-West Corner</i>	15.069		36.52.10	20-meter 0-line	8.975	11.972	-1.802	0
W-Chin Top Origin	<i>meter quad 9- So-West Corner</i>	16.623		32.44.10	20-meter 0-line	8.962	13.886	-1.887	0
W-Chin Top Origin	<i>meter quad 10- So-West Corner</i>	6.325		71.33.55	20-meter 0-line	5.752	1.924	-1.78	0