

Project File Data		Coordinate System	
Name:	H:\Project\2023\2023042.00\SUR\TBC\S-51 Snow Creek_Grid.vce	Name:	United States/NAD83
Size:	39 KB	Datum:	NAD83(2011)
Modified:	5/11/2023 2:48:22 PM (UTC:-4)	Zone:	South Carolina 3900
Time zone:	Eastern Standard Time	Geoid:	GEOID18 (Conus)
Reference number:		Vertical datum:	
Description:		Calibrated site:	
Comment 1:			
Comment 2:			
Comment 3:			

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Point Derivations

Resultant Coordinates for point: GPS-1							
Easting		Northing		Elevation		Height	
1399360.967 ft 🏠		1018723.110 ft 🏠		859.088 ft 🗺️		758.140 ft 🏠	
Data	Used to calc.	Status	ΔEast (International foot)	ΔNorth (International foot)	Distance (Horiz) (International foot)	ΔElevation (International foot)	ΔHeight (International foot)
📶SCOE → GPS-1	NEeh	Enabled	0.000 ft 🏠	0.000 ft 🏠	0.000 ft 🏠	0.000 ft 🗺️	0.000 ft 🏠
Survey Data used to calculate point: GPS-1							
Precision Confidence Level: 95%							
GNSS vectors							
SCOE → GPS-1				Length (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)
Mean:				23485.384 ft	13631.128 ft	-9770.482 ft	-16440.599 ft
σ:					0.005 ft	0.013 ft	0.008 ft
Residuals	Horiz. (International foot)	Vert. (International foot)	3D (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)	
📶 SCOE-GPS-1 (V35)	0.035 ft	0.133 ft	0.137 ft	-0.038 ft	0.120 ft	-0.054 ft	
📶 SCOE-GPS-1 (V36)	0.020 ft	0.061 ft	0.064 ft	-0.019 ft	0.058 ft	-0.022 ft	
📶 SCOE-GPS-1 (V4)	0.018 ft	0.006 ft	0.019 ft	-0.013 ft	-0.013 ft	-0.005 ft	
📶 SCOE-GPS-1 (V5)	0.028 ft	0.018 ft	0.033 ft	-0.014 ft	0.028 ft	0.011 ft	
📶 SCOE-GPS-1 (V52)	0.025 ft	0.032 ft	0.041 ft	0.021 ft	0.032 ft	-0.013 ft	
📶 SCOE-GPS-1 (V53)	0.016 ft	0.011 ft	0.019 ft	0.012 ft	-0.001 ft	0.016 ft	

📶 SCOE-GPS-1 (V54)	0.020 ft	0.027 ft	0.033 ft	0.010 ft	-0.010 ft	0.030 ft
📶 SCOE-GPS-1 (V25)	0.035 ft	0.017 ft	0.039 ft	-0.011 ft	-0.033 ft	-0.016 ft
📶 SCOE-GPS-1 (V27)	0.029 ft	0.040 ft	0.049 ft	-0.001 ft	0.017 ft	-0.047 ft
Data	H. Prec. (International foot)	V. Prec. (International foot)	Length (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)
📶 SCOE-GPS-1 (V35)	0.033 ft	0.071 ft	23485.418 ft	13631.166 ft	-9770.602 ft	-16440.545 ft
📶 SCOE-GPS-1 (V36)	0.039 ft	0.089 ft	23485.404 ft	13631.147 ft	-9770.539 ft	-16440.578 ft
📶 SCOE-GPS-1 (V4)	0.033 ft	0.066 ft	23485.382 ft	13631.140 ft	-9770.469 ft	-16440.594 ft
📶 SCOE-GPS-1 (V5)	0.038 ft	0.075 ft	23485.411 ft	13631.142 ft	-9770.509 ft	-16440.610 ft
📶 SCOE-GPS-1 (V52)	0.031 ft	0.040 ft	23485.377 ft	13631.107 ft	-9770.514 ft	-16440.587 ft
📶 SCOE-GPS-1 (V53)	0.024 ft	0.030 ft	23485.388 ft	13631.116 ft	-9770.480 ft	-16440.615 ft
📶 SCOE-GPS-1 (V54)	0.024 ft	0.030 ft	23485.395 ft	13631.118 ft	-9770.471 ft	-16440.629 ft
📶 SCOE-GPS-1 (V25)	0.027 ft	0.034 ft	23485.365 ft	13631.139 ft	-9770.448 ft	-16440.583 ft
📶 SCOE-GPS-1 (V27)	0.027 ft	0.034 ft	23485.359 ft	13631.129 ft	-9770.498 ft	-16440.553 ft





Resultant Coordinates for point: GPS-2							
Easting		Northing		Elevation		Height	
1399842.600 ft 🏠		1019539.196 ft 🏠		875.084 ft 🗺️		774.119 ft 🏠	
Data	Used to calc.	Status	ΔEast (International foot)	ΔNorth (International foot)	Distance (Horiz) (International foot)	ΔElevation (International foot)	ΔHeight (International foot)
📶 SCOE → GPS-2	NEeh	Enabled	0.000 ft 🏠	0.000 ft 🏠	0.000 ft 🏠	0.000 ft 🗺️	0.000 ft 🏠
Survey Data used to calculate point: GPS-2							
Precision Confidence Level: 95%							
GNSS vectors							
SCOE → GPS-2				Length (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)
Mean:				23042.815 ft	14037.913 ft	-9261.356 ft	-15752.320 ft
σ:					0.006 ft	0.015 ft	0.009 ft
Residuals	Horiz. (International foot)	Vert. (International foot)	3D (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)	
📶 SCOE-GPS-2 (V1)	0.047 ft	0.086 ft	0.099 ft	-0.052 ft	0.077 ft	-0.032 ft	
📶 SCOE-GPS-2 (V2)	0.044 ft	0.129 ft	0.136 ft	-0.056 ft	0.108 ft	-0.062 ft	
📶 SCOE-GPS-2 (V3)	0.037 ft	0.074 ft	0.083 ft	-0.044 ft	0.063 ft	-0.033 ft	
📶 SCOE-GPS-2 (V22)	0.042 ft	0.036 ft	0.055 ft	0.029 ft	0.017 ft	-0.043 ft	
📶 SCOE-GPS-2 (V55)	0.028 ft	0.021 ft	0.035 ft	-0.009 ft	-0.003 ft	0.034 ft	

📶 SCOE-GPS-2 (V23)	0.020 ft	0.002 ft	0.020 ft	0.008 ft	-0.008 ft	-0.017 ft
📶 SCOE-GPS-2 (V56)	0.009 ft	0.028 ft	0.029 ft	0.011 ft	-0.020 ft	0.018 ft
📶 SCOE-GPS-2 (V24)	0.008 ft	0.019 ft	0.021 ft	0.001 ft	-0.011 ft	0.017 ft
📶 SCOE-GPS-2 (V57)	0.023 ft	0.040 ft	0.046 ft	0.012 ft	0.044 ft	-0.010 ft
Data	H. Prec. (International foot)	V. Prec. (International foot)	Length (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)
📶 SCOE-GPS-2 (V1)	0.043 ft	0.095 ft	23042.856 ft	14037.966 ft	-9261.433 ft	-15752.288 ft
📶 SCOE-GPS-2 (V2)	0.037 ft	0.079 ft	23042.849 ft	14037.969 ft	-9261.464 ft	-15752.258 ft
📶 SCOE-GPS-2 (V3)	0.038 ft	0.085 ft	23042.844 ft	14037.957 ft	-9261.419 ft	-15752.287 ft
📶 SCOE-GPS-2 (V22)	0.023 ft	0.029 ft	23042.774 ft	14037.884 ft	-9261.373 ft	-15752.276 ft
📶 SCOE-GPS-2 (V55)	0.022 ft	0.028 ft	23042.842 ft	14037.922 ft	-9261.353 ft	-15752.354 ft
📶 SCOE-GPS-2 (V23)	0.023 ft	0.029 ft	23042.795 ft	14037.905 ft	-9261.348 ft	-15752.303 ft
📶 SCOE-GPS-2 (V56)	0.022 ft	0.028 ft	23042.812 ft	14037.902 ft	-9261.336 ft	-15752.338 ft
📶 SCOE-GPS-2 (V24)	0.022 ft	0.028 ft	23042.821 ft	14037.913 ft	-9261.345 ft	-15752.337 ft
📶 SCOE-GPS-2 (V57)	0.022 ft	0.028 ft	23042.818 ft	14037.902 ft	-9261.400 ft	-15752.310 ft

Resultant Coordinates for point: GPS-3							
Easting		Northing		Elevation		Height	
1400097.578 ft🏠		1021138.638 ft🏠		798.723 ft📶		697.732 ft🏠	
Data	Used to calc.	Status	ΔEast (International foot)	ΔNorth (International foot)	Distance (Horiz) (International foot)	ΔElevation (International foot)	ΔHeight (International foot)
📶SCOE → GPS-3	NEeh	Enabled	0.000 ft🏠	0.000 ft🏠	0.000 ft🏠	0.000 ft📶	0.000 ft🏠

Survey Data used to calculate point:[GPS-3](#)

Precision Confidence Level: **95%**










GNSS vectors						
SCOE → GPS-3			Length (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)
Mean:			21860.168 ft	14141.497 ft	-8266.985 ft	-14475.565 ft
σ:				0.008 ft	0.019 ft	0.016 ft
Residuals	Horiz. (International foot)	Vert. (International foot)	3D (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)
 SCOE-GPS-3 (V50)	0.023 ft	0.044 ft	0.050 ft	-0.014 ft	-0.029 ft	0.038 ft
 SCOE-GPS-3 (V51)	0.025 ft	0.071 ft	0.076 ft	-0.009 ft	-0.071 ft	0.026 ft
 SCOE-GPS-3 (V19)	0.039 ft	0.062 ft	0.073 ft	0.021 ft	-0.029 ft	0.064 ft
 SCOE-GPS-3 (V64)	0.032 ft	0.016 ft	0.036 ft	0.031 ft	-0.004 ft	0.017 ft
















📶 SCOE-GPS-3 (V65)	0.032 ft	0.011 ft	0.034 ft	0.028 ft	-0.017 ft	-0.009 ft
📶 SCOE-GPS-3 (V66)	0.020 ft	0.043 ft	0.047 ft	-0.023 ft	0.030 ft	-0.028 ft
Data	H. Prec. (International foot)	V. Prec. (International foot)	Length (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)
📶 SCOE-GPS-3 (V50)	0.036 ft	0.073 ft	21860.191 ft	14141.510 ft	-8266.955 ft	-14475.603 ft
📶 SCOE-GPS-3 (V51)	0.058 ft	0.123 ft	21860.164 ft	14141.505 ft	-8266.914 ft	-14475.590 ft
📶 SCOE-GPS-3 (V19)	0.059 ft	0.109 ft	21860.186 ft	14141.476 ft	-8266.956 ft	-14475.629 ft
📶 SCOE-GPS-3 (V64)	0.045 ft	0.064 ft	21860.158 ft	14141.466 ft	-8266.981 ft	-14475.582 ft
📶 SCOE-GPS-3 (V65)	0.039 ft	0.060 ft	21860.137 ft	14141.469 ft	-8266.968 ft	-14475.556 ft
📶 SCOE-GPS-3 (V66)	0.030 ft	0.047 ft	21860.176 ft	14141.520 ft	-8267.015 ft	-14475.537 ft

Resultant Coordinates for point: GPS-4							
Easting		Northing		Elevation		Height	
1400649.585 ft📏		1022503.146 ft📏		869.174 ft📏		768.161 ft📏	
Data	Used to calc.	Status	ΔEast (International foot)	ΔNorth (International foot)	Distance (Horiz) (International foot)	ΔElevation (International foot)	ΔHeight (International foot)
📶SCOE → GPS-4	NEeh	Enabled	0.000 ft📏	0.000 ft📏	0.000 ft📏	0.000 ft📏	0.000 ft📏

Survey Data used to calculate point:[GPS-4](#)

Precision Confidence Level: **95%**

GNSS vectors						
SCOE → GPS-4			Length (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)
Mean:			21105.720 ft	14574.973 ft	-7484.903 ft	-13304.052 ft
σ:				0.005 ft	0.012 ft	0.008 ft
Residuals	Horiz. (International foot)	Vert. (International foot)	3D (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)
 SCOE-GPS-4 (V40)	0.029 ft	0.088 ft	0.092 ft	0.033 ft	-0.061 ft	0.061 ft
 SCOE-GPS-4 (V41)	0.024 ft	0.072 ft	0.076 ft	0.023 ft	-0.047 ft	0.055 ft
 SCOE-GPS-4 (V43)	0.032 ft	0.193 ft	0.196 ft	-0.004 ft	0.143 ft	-0.134 ft
 SCOE-GPS-4 (V44)	0.011 ft	0.133 ft	0.134 ft	-0.016 ft	0.103 ft	-0.084 ft
 SCOE-GPS-4 (V14)	0.037 ft	0.009 ft	0.038 ft	-0.034 ft	-0.003 ft	0.016 ft
 SCOE-GPS-4 (V15)	0.047 ft	0.068 ft	0.082 ft	-0.032 ft	-0.044 ft	0.061 ft
 SCOE-GPS-4 (V58)	0.018 ft	0.001 ft	0.018 ft	-0.009 ft	-0.010 ft	-0.012 ft
 SCOE-GPS-4 (V59)	0.029 ft	0.029 ft	0.041 ft	-0.025 ft	-0.031 ft	0.010 ft
 SCOE-GPS-4 (V60)	0.004 ft	0.000 ft	0.004 ft	0.000 ft	0.003 ft	0.003 ft

 SCOE-GPS-4 (V31)	0.003 ft	0.046 ft	0.046 ft	0.008 ft	-0.037 ft	0.026 ft
 SCOE-GPS-4 (V32)	0.006 ft	0.023 ft	0.024 ft	0.004 ft	-0.016 ft	0.018 ft
 SCOE-GPS-4 (V33)	0.012 ft	0.005 ft	0.013 ft	0.006 ft	-0.001 ft	-0.011 ft
Data	H. Prec. (International foot)	V. Prec. (International foot)	Length (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)
 SCOE-GPS-4 (V40)	0.045 ft	0.083 ft	21105.714 ft	14574.940 ft	-7484.842 ft	-13304.113 ft
 SCOE-GPS-4 (V41)	0.038 ft	0.074 ft	21105.722 ft	14574.951 ft	-7484.855 ft	-13304.107 ft
 SCOE-GPS-4 (V43)	0.040 ft	0.069 ft	21105.689 ft	14574.978 ft	-7485.045 ft	-13303.918 ft
 SCOE-GPS-4 (V44)	0.025 ft	0.040 ft	21105.715 ft	14574.989 ft	-7485.005 ft	-13303.968 ft
 SCOE-GPS-4 (V14)	0.044 ft	0.063 ft	21105.753 ft	14575.007 ft	-7484.899 ft	-13304.069 ft
 SCOE-GPS-4 (V15)	0.057 ft	0.078 ft	21105.765 ft	14575.006 ft	-7484.858 ft	-13304.113 ft
 SCOE-GPS-4 (V58)	0.027 ft	0.036 ft	21105.715 ft	14574.982 ft	-7484.892 ft	-13304.040 ft
 SCOE-GPS-4 (V59)	0.022 ft	0.029 ft	21105.732 ft	14574.998 ft	-7484.872 ft	-13304.062 ft
 SCOE-GPS-4 (V60)	0.022 ft	0.030 ft	21105.723 ft	14574.974 ft	-7484.905 ft	-13304.055 ft
 SCOE-GPS-4 (V31)	0.021 ft	0.029 ft	21105.718 ft	14574.966 ft	-7484.866 ft	-13304.078 ft
 SCOE-GPS-4 (V32)	0.020 ft	0.028 ft	21105.723 ft	14574.969 ft	-7484.887 ft	-13304.070 ft
 SCOE-GPS-4 (V33)	0.022 ft	0.030 ft	21105.708 ft	14574.967 ft	-7484.901 ft	-13304.041 ft

Resultant Coordinates for point:[GPS-5](#)











Easting		Northing		Elevation		Height	
1400783.272 ft📏		1023293.206 ft📏		905.659 ft📏		804.634 ft📏	

Data	Used to calc.	Status	ΔEast (International foot)	ΔNorth (International foot)	Distance (Horiz) (International foot)	ΔElevation (International foot)	ΔHeight (International foot)
📍SCOE → GPS-5	NEeh	Enabled	0.000 ft📏	0.000 ft📏	0.000 ft📏	0.000 ft📏	0.000 ft📏

Survey Data used to calculate point:[GPS-5](#)

Precision Confidence Level: 95%

GNSS vectors							
SCOE → GPS-5				Length (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)
Mean:				20583.006 ft	14641.246 ft	-7053.218 ft	-12631.157 ft
σ:					0.006 ft	0.015 ft	0.010 ft
Residuals	Horiz. (International foot)	Vert. (International foot)	3D (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)	
📍 SCOE-GPS-5 (V7)	0.044 ft	0.033 ft	0.055 ft	0.041 ft	-0.011 ft	0.035 ft	
📍 SCOE-GPS-5 (V28)	0.013 ft	0.007 ft	0.015 ft	-0.003 ft	-0.013 ft	-0.005 ft	

 SCOE-GPS-5 (V29)	0.021 ft	0.017 ft	0.027 ft	0.003 ft	0.026 ft	0.007 ft
 SCOE-GPS-5 (V62)	0.018 ft	0.011 ft	0.021 ft	-0.014 ft	-0.005 ft	0.015 ft
 SCOE-GPS-5 (V30)	0.044 ft	0.080 ft	0.091 ft	0.015 ft	0.089 ft	-0.015 ft
 SCOE-GPS-5 (V63)	0.027 ft	0.025 ft	0.037 ft	-0.003 ft	-0.036 ft	-0.007 ft
Data	H. Prec. (International foot)	V. Prec. (International foot)	Length (International foot)	ΔX (International foot)	ΔY (International foot)	ΔZ (International foot)
 SCOE-GPS-5 (V7)	0.072 ft	0.120 ft	20582.994 ft	14641.206 ft	-7053.207 ft	-12631.192 ft
 SCOE-GPS-5 (V28)	0.033 ft	0.044 ft	20583.000 ft	14641.249 ft	-7053.205 ft	-12631.152 ft
 SCOE-GPS-5 (V29)	0.046 ft	0.056 ft	20583.017 ft	14641.244 ft	-7053.244 ft	-12631.164 ft
 SCOE-GPS-5 (V62)	0.032 ft	0.039 ft	20583.023 ft	14641.260 ft	-7053.213 ft	-12631.172 ft
 SCOE-GPS-5 (V30)	0.051 ft	0.054 ft	20583.016 ft	14641.231 ft	-7053.307 ft	-12631.142 ft
 SCOE-GPS-5 (V63)	0.029 ft	0.041 ft	20582.991 ft	14641.249 ft	-7053.182 ft	-12631.150 ft