

Friday-Balsam Cap 140-1

8/19/70 Ed Wolf
rewritten 9/7/70

	Map Elev.	Pressure	Interpolated Elevation		
RAM Base: Moonhaw Club Gate	1150 ca.	29.86	1150		
Moonhaw Club	1180	29.83			
Log road levels, ^{edge view of} landslide	↑ 2.78" 27.05" 27.83" 29.83" 27.05" 2514 ft. ascent; 3694-1180 = 2514 ft. ascent; 3694-1180 = 2514 ft. ascent; 3694-1180 = 2514 ft. ascent;	29.46	$\frac{37}{278} \times 2514 = 335$	$335 + 1180 = 1515$	
Pogonatum pennsylvanicum		29.32	$\frac{51}{278} \times 2514 = 460$	= 1640	
Log road switch back		29.04	79	715	= 1895
Intermittent trib from N		29.00	83	750	= 1930
Upper brook from N		28.96	87	790	= 1970 Checks with Map 1960
Base of landslide in brook		28.90	93	845	= 2025
Bark road on spur SE of landslide		28.67	116	1050	= 2230 e.p. 11
Young spruce in		28.63	120	1090	= 2270
Wittfenberg appears from landslide		28.51	132	1200	= 2380
Hemlock become scarce forest to only 40 ft.		28.33	156	1360	= 2540
Slope 30° to 40°	28.26	157	1420	= 2600	
Hemlock out along landslide	28.10				
Reenter woods for safety	28.18	165	1500	= 2680	
Fir saplings Scottford, lowest Sug out.	28.11	172	1560	= 2740	
Grand cover ridge type	28.00	$\frac{183}{278} \times 2514 = 1660$	= 1660	= 2840	
Base 1st steep ledge	27.91	192	1740	= 2920	
Top 1st, base 2nd "	27.87	196	1780	= 2960	
Top steep pitch, ^{gentle slope} on spur	27.77	206	1880	= 3060	
Look out ledge top to E	27.56	227	2050	= 3230	
Base 3rd series of ledges	27.52	231	2100	= 3280	
Top after pack removal	27.42	241	2180	= 3360	
Most big spruce dead	27.34	249	2260	= 3440	

1:10 AM

140-2

Less steep below summit		27-28	255 =	2310 + 1180 =	3490
Unbrowed, dense hobblebush		27-22	261 =	2370 =	3550
Flat beneath ledge		27-20	263 =	2390 =	3570
Vib. coss top last ledgelet		27-08	275/272 x 2514 =	2500 =	3680
FRIDAY SUMMIT		3694	27-05		
Sugar spring area, S slope Friday	334 ft. ↑	27-23	$\frac{13}{31} \times 334 =$	140 + 3360 =	3500
Lower flat, Beech + PB	0.31" ↓	27-28	$\frac{8}{31} \times 334 =$	86 + 3360 =	3445
Campsite		27-32	$\frac{4}{31} \times 334 =$	43 + 3360 =	3405
COL		3360	27-36		
Ledge base	↑	27-28	$\frac{8}{26} \times 263 =$	81 + 3360 =	3440
Ledge top	263 ft.	27-25	$\frac{11}{26} \times 263 =$	110 + 3360 =	3470
Mixed S-Fd holwds, base 2nd ledge	0.26" ↓	27-20	$\frac{16}{26} \times 263 =$	160 + 3360 =	3520
Lycro. obscurum		27-10			3620
BALSAM CAP SUMMIT		3623	27-10		
Ledge bases	263 ft. ↓	27-20	$\frac{16}{26} \times 263 =$	3520	
COL	0.26" ↓	27-29	$\frac{7}{26} \times 263 =$	3430	
		3360	27-36		
4:15 Leave ridge	↑	27-32	$\frac{260}{256} \times 2360 =$	240	3400
Hardwood forest top, PB dom		27-37	$\frac{255}{256} \times 2360 =$	2350 =	3300
Beech dominates		27-44	$\frac{248}{256} \times 2360 =$	2290 =	3240
Ground cover slope type		27-55	237	2180	3130
Join dry ravine		27-70	222	2050	3000
Bark road		28-10	182	1680	2630
Plane wreck	2360 ft.	28-14	178	1640	2590
Spring	2.56" ↓	28-32	160	1480	2430
Confluence, trib. from N.		28-54	138	1275	2225
Ash in - view of B. Cap		28-56	136	1250	2200
Viola, L. parviflora in		28-71	121	1120	2070
Basswood in		28-78	114	1050	2000
354 PB		28-80	112	1035 =	1985

e.p. 13

Open area, 1/2 mi from SW; ^{head log road} cairn	28-85	107	990	=1940	140-3
Grade 15° along brook;	29.00	92	850	=1800	
Log Road fords brook to south (6:00 PM)	29.20	72	665	=1615	
Open field on road	29.40	52	480	=1430	
Panicum clond. on leveling road	29.50	42	=387	=1335	
Glacial ridges on } between stream & road }	29.72	$\frac{20}{256} \times 2360 = 184$		=1135	
Trailer of Nelson Shelters	29.85	$\frac{7}{256} \times 2360 = 65 + 950 = 1015$			
Tannery site at Falls	29.90	$\frac{2}{256} \times 2360 = 18 + 950 = 970$			
Mathey Moonhaw Road Turn. 6:40 PM	950	29.92			

Vegetation (here to relieve map clutter)

Moonhaw area: Sugar-hem-beech-YB-Red maple-black birch, ash, red oak. Ground cover < 1% includes Leucobryum.

Pogonatum pennsylvanicum abundant YB seedlings along log road, elev. 1640
End log road, 1900 ft. Ash-Sug-MO-YB. Ground cover still nil. Sugars to 30"
just above log road are probably virgin. Also Basswood, Oak, Ostrya.

Landslide: occurred in May, 1968, ~~at 1900~~ → when soaked ledge & soil after freeze & thaw gave way at head. Moving materials reached the brook and continued downstream, damming the lateral tributary from the N which has since cut through. Gullying of the slide is 15 ft deep in Aug. 1970, the centerline appearing unstable. Colonizing the slide from the edges are YB, Pin, Red Maple, Dennst, P. chinense, Dicranella, Pogonatum penn & even a few hemlock.

Bark road & old hemlock logs at 2230 ft ^{#11} indicate highest elevation of exploitation. No logging for wood was prob ever done above the 1900 ft level.

A few young Spruce occur at 2270 ft, but forest is still YB-Sug-B-Hem-S-LL. Forest shortens to 40 ft, AA & SM out on landslide, 2540 ft.

Most Hemlock out about 2500 ft.

(over ↓)

140-A

First scattered fir saplings at 2740 ft. Large spruce, the last few hemlock.
Ground cover OX, DP, AA on boulder tops dehydrated because of little rain in
Sweens Sugar out. YB + MM abundant.

Ground cover at 2840 ft fully ridge type = OX-VA-RG-AA-TB -CB.
Bazzania in at 2960 ft with abundant spruce, YB, VA, MM.

Above 3230 ft look at ledge, some blowdown thicket. Dead + living big
spruce both. Repro by F + PB.

Ilex montana station about 3250.

Top difficult ledge 3360 ft, Vaccinium, Rhododendron roseum, Spruce + Fir
smaller. A few large dead spruce snags. Most big spruce dead by 3440 ft.
Unbrowsed dense Vib. aln. at 3550 ft. At 3570 ft on flat terrace, YB dom with
\$, AA, OX, MC-LL-CB + a few 24" spruce. Vib. carr. at 3680 ft.

See #126 for Friday Summit

Small mud wallow for deer in protected spray flat, 3500 ft, slope of Fri-
day. Sugar 6" + YB, Spruce, VV.

Lower flat at 3445 ft dom. by YB. Scat. Spr, Fir, Beech. Lycop. obs. at 3440.

Around campsite col, spruce best developed with some blowdown along crest
of escarpment, less to the west. On N slope Balsam Cap, enter hollow tongue
(seen from summit of Slide Mtn) at 3445 ft = PB-YB-BC-RM-Sorb-VA-\$ plus
Scat. spruce + fir. No Sor F repro, little hwd either in dense \$. Another station
for Lycop. obscurum at 3620 ft.

See #127 for Balsam Cap Summit

Below col, S + F drop out fast, YB-RM-B dominating by 3300 ft. Beech dominates
at 3240 ft; AA, \$, OX still in; sugar appears. Ground cover in patches \$, B, sug, VA
by 3130 - already slope type; all spruce + fir out. A few scat small
spruce at 3000 ft + at 2590 ft. Highest hemlock at 2590 ft. Ash at 2200 ft.

Forest of large Sug, YB + B only cut for tanbank, 2070 ft, Viola + Laportea in.

Panicum clandestinum (?) at 1335 ft.

Barwood in 2000 ft, 35" YB at 1985 ft.

