

Wildcat Mountain, west end, from Frost Valley

with IK Icard

9/26/96

167-5

Site	p	Δp	Δe	e calc	e map	time	rate
(A) High Falls Brook Confluence	30-20	0-00	—	—	1900	9:45	
(B) Approach brook ^{AP} OST	30-10 30-00	0-10 0-20	91 181	1991 2081			
(C) E horizon of Spodosol	29-84	0-36	326	2226			
(D) Ash	29-78	0-42	381	2281			
(E) sampling equipment	29-68	0-52	491	2371			
(F) end recent road	29-64	0-56	507	2407			
(G) 90° bend to S	29-56	0-64	580	2480			
(H) parallel to SNY blaze	29-43	0-77	698	2598			
(I) Crest of ridge = take Col	29-28	0-92	834	2734 → 2720		10:30	
(J) SNY blaze	29-23	0-97	879	2779			
(K) Summit 2809'	29-20	1-00	906	2806 → 2809		10:56	
(L) top 1st ledge	29-13	1-07	969	2869			
(M) Summit 2920'	29-07	1-13	1024	2924 → 2920			
(N) level crest	28-97	1-23	1114	3014		11:58	
(O) 2 big boulders	28-94	1-26	1142	3042			
(P) 1st summit, 3140 (lunch)	28-84	1-36	1232	3132 → 3140		12:26 to 12:58	
(Q) 2nd summit, 3140	28-82	1-37	1241	3141 → 3140			
(R) Wildcat Summit, 3160	28-81	1-39	1260	3160	3160		
(S) Firs	28-83	1-37	1241	3141			
(T) More firs	28-89	1-31	1187	3087		1:55	
(U) Col 2900'	29-10	1-10	997	2897 → 2900		2:20	
(V) Summit 2980'	29-01	1-19	1078	2998 → 2980		2:30	
(W) big YBs	29-10	1-10	997	2897			
(X) Spring	29-30	0-90	815	2715			
(Y) big SU6 + B	29-40	0-80	725	2625			
(Z) Ash center	29-44	0-76	689	2589			
(AA) Confluence ^{AAA} 21.58 = 2462'	29-52	0-68	616	2516		3:25	
(BB) OST	29-66	0-54	489	2389			
(CC) CARP: old fields along WBr	29-96	0-24	217	2117		3:45	
(DD) HAMAM	29-92	0-28	254	2154		4:07 on road	
(EE) Biscuit Brook parking lot	30-00	0-20	181	2081 → 2080		4:25	
(A) High Falls Brook Confluence	30-20	0-00	1900	—	1900	ca. 4:35	

$$\frac{\Delta p}{\Delta e} = \frac{3020 - 21.61}{3160 - 1900} = \frac{1.39''}{1260'} \approx 0.906$$

ditto: 0.906

Descriptions

Descriptions

167-6

Largest trees

(A) W Br Men. River at new truck bridge
1900

(AA) 1991. Old tpk. is now a newly-built, ditched & culverted road for T.S.I. + atmospheric research studies. Timber Stand Improvement

(B) 2081. Road turns from SW to SE, approaching brook. SNY blaze follows brook. HEM

(C) 2226. Spodosol. E horizon up to 8" thick, COLLECTED. A lens about 50 ft. across surrounded by all Schrepts. Trenched ditches 3 ft deep nearby show no Spodosol. HEM. This is the clearest Spodosol in the Catskills yet. Sandier featured no recent windthrow here?

(D) 2281 ASH

(E) 2374 Rain gauges and/or other collecting instruments on SW. Insect traps? HEM

(F) 2407. Upper end of recent (1996) road "improvement". Begin old tumpike "unimproved". Instrument shelter to NE.

(G) 2480. Old tumpike turns from east to south, 900. Numbered trees, like a silv. plot. Stumps old & barkless. Tumpike turns back east & follows old blaze

(H) 2598. Old tpk. runs parallel to SNY blaze. Old barkless stumps on private; none on SNY

(I) 2734 Pass. Old tumpike continues down to Denning. Clearing to NE houses a collecting instrument in the middle. Maybe 1/2 acre, cut maybe 5 to 10 yrs ago; slash still rotting. B dom, YB, BC, SUB RM. Some B with dead branches. Very low ledge, 1st seen, between tpk & clearing - not a logging barrier historically.

(J) 2779 Cross blaze.

(K) 2806 Summit 2809'. Sub dom, B, BC, (M, MB), OX, DP, \$ int.

(L) 2869 atop 1st ledge, 20' high & moderate slope above. Ilex montana. 18" cake in blowdown

(M) 2924. Summit 2920'. \$ both spp. OX → Canopy 40 to 50%. U labun. B Camoyl.

Pink flagging followed from (I) on trees lead up the ridge, change to flags on ground on wire stems here.

YB 33"

Determination of 1° along this segment of Wildcat Ridge is difficult. There are NO roads & NO pioneers. Only at (C) were ever 2 stumps which could have been cut maybe 60 years ago; or, logs rotted before stumps in 1°. Few large trees from (J) to (V) over 24" DBH. Definite 1° from (W) to (Z). Would 1° begin at (L), the 1st ledge above the tumpike col? The crest of the ridge

is relatively ledge-free & easy to log.

→ B 24" BC 27" several

This may be the 1st ledge which could have been a barrier to 19th century logging.

→ YB to 20" several
YB 34" dead
SUBS to 12"
Few large trees.
BC to 18" dom.
to 40' or 50' high. NO stumps NO roads

Descriptions

Largest Trees

167-7

(N) 3044. Level crest.

(O) 3042. Two big boulders, lying horizontally & touching, look like bedrock exposures. About 15' long x 7' high. Stratification of SS does not continue from one to the other, ∴ boulders.

Two stumps with char logs; could logs have rotted out or was this actually logged? Maybe 60 years ago. When was this lot acquired by SNY?

\$ Camell in the shade green, but in openings turning brown-purple! Could openings have had frost? Epifagus, DP, LL, OX abun. also

(P) 3132 Lunch. 1st 3140 Summit
YB, B, MO, BC rem abun, DP, \$, RS, Peili, OX
IRM. Bedrock at or near surface

(Q) 3141. 2nd 3140 summit, banded on NPS by a 15' high ledge. What is step-dam on Shawangunk at 160° magnetic? Skytop?

(R) 3160 Summit 3160

(S) Semi open 3141 area on S edge of crest with nil soil, shallow ledge & boulders. YB to 7" dom. "level talus" Two suppressed 3" x 12' Firs under Beech.

← Stumps??

What causes the femless areas circles about 20' across dom by ox? Deer beds? BC dom to 50', BIRM, MO, Several SUG.

(T) Fir grove, about a dozen trees, most suppressed, to YB-DP rocky areas. RG on one of a series of descending ledges.

→ 7" by 25' FIRS
Elev. 3087'

(U) 2892 2900' COL. B dom. YB, RM.

BC to 20"

(V) 2991 2980' Summit B dom. M ledge at surface.

BC to 16"
YB 20' to 24" x 50'

(W) 2897 big YBS

YB 36" & 42"

(X) 2715 Spring at head of brook, ledge overhang with 1st MM seen just to W.

36" YB at Spring.
24" SUGs
24" several YBS.

(Y) 2125

→ 28" SUG
20" B

(Z) 2589 ASH

12" ASH
36" YBS

(AA) 2 brooks flowing parallel to base of YB-MM talus. 1st LAP-VB, VV, IMP, Athetys, NYF, TE, Loncera. Easy walking between brooks.

2 NEMS suppressed
→ 4" x 15'
OLD STUMPS, barklers

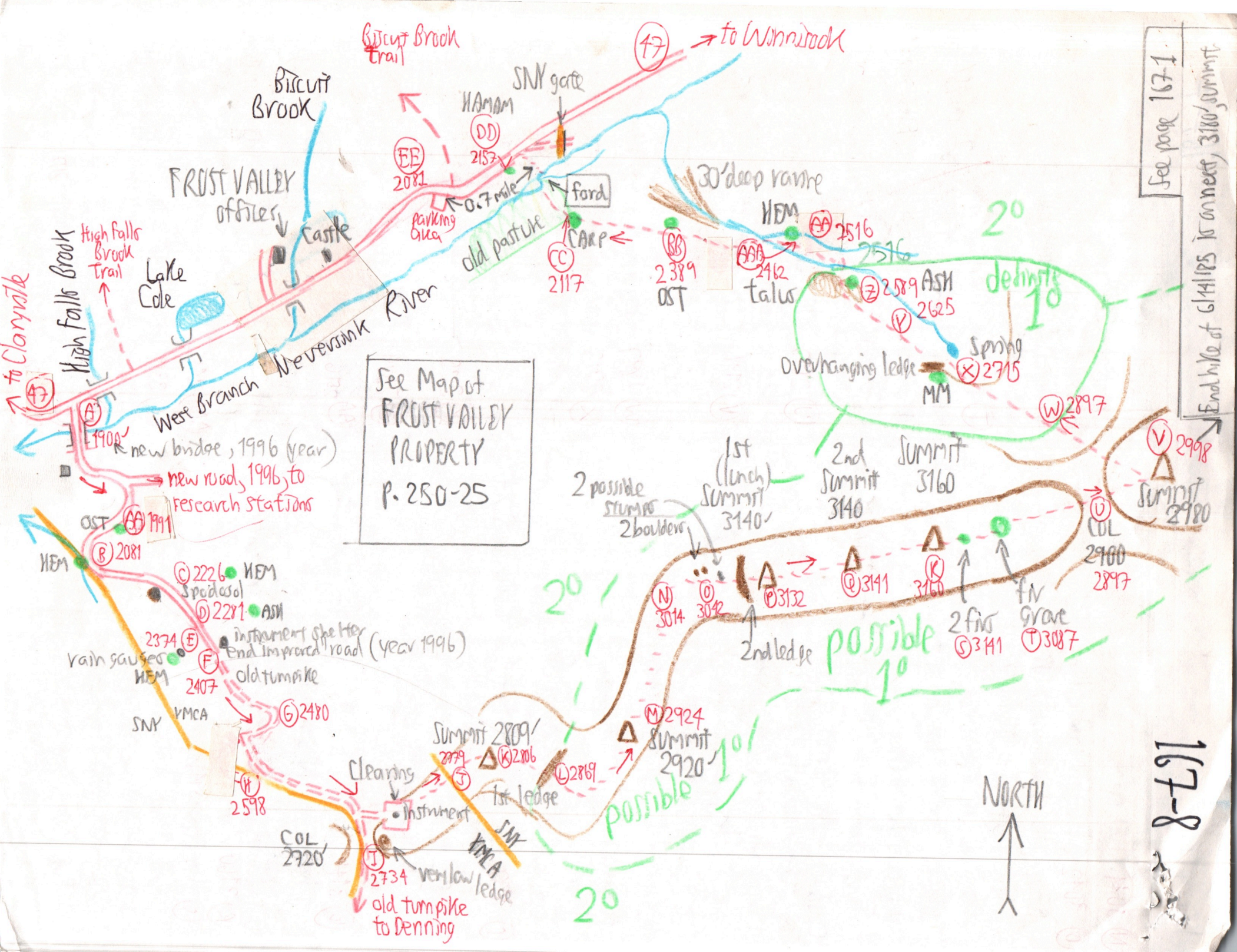
(AAA) 2462 NEMS

(BB) 2389 OST. Allium in fruit 30' deep ravine to N-no ledge. LL-OX-\$. 2nd stumps.

SUGs to 28"

(CC) CAPP at edge of pasture 217

(DD) 2154 HAMAM along hwy.



See Map of
**FROST VALLEY
 PROPERTY**
 P. 250-25

See page 167-1
 End hike at 614125 to connect, 3180, summit

167-8



Biscuit Brook Trail
 (47) → to Winnidock

to Clayville
 (47)

SNY gate
 HAMAM (DD) 2157
 0.7 mile
 ford
 CARP (CC) 2117
 old pasture
 30' deep ravine
 HEM (AA) 2516
 talus (AAA) 2462
 2516
 2516

20
 definitely 10
 ASH (Z) 2589
 2625
 Spring (V) 2715
 Overhanging ledge
 MM (X)
 (W) 2897

Summit 3160
 2nd Summit 3140
 1st (lunch) Summit 3140
 2 possible stumps
 2 boulders
 (N) 3014
 (O) 3042
 (P) 3132
 (Q) 3141
 3160
 2 fins (S) 3141
 fin Grave (T) 3087
 (U) 2980
 COL 2900
 2897

possible 10
 possible 20
 Summit 2920
 Summit 2924
 (M) 2924
 Summit 2920
 (K) 2806
 (L) 2869
 1st ledge
 SNY YMAA ledge
 Clearing
 Instrument
 (J) 2734
 very low
 old turnpike to Denning

High Falls Brook
 High Falls Brook Trail
 Lake Cole
 Castle
 FRUST VALLEY offices
 Biscuit Brook
 West Branch Neversink River
 new bridge, 1996 (year)
 new roads, 1996, to research stations
 OST (AA) 1991
 HEM (B) 2081
 (C) 2226 HEM
 Spidacod
 (D) 2281 ASH
 2374 (E)
 rain gauges
 HEM (F) 2407
 instrument shelter
 End improved road (year 1996)
 old turnpike
 SNY YMAA (G) 2480
 (H) 2598
 COL 2720
 (I) 2734
 old turnpike to Denning