

# Cornell and Misko Falls,

12/14/06 With Paul Misko  
181-19

R1=0.924

Site	p	Ap	De	e calc	emap	time	R
(B) Woodland + Ed West Roads	30.57	0.00	—	—	900'		<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <math>\frac{2000 - 900}{30.57 - 29.38} = \frac{1100'}{1.19h}</math>  <math>= 0.924</math> </div> <div style="font-size: 2em;">↑</div> </div>
(C) Misko Cabin, 25.2 mi from 2810	29.98	0.59	545	1445'	1500'	± 9:55 AM	
(D) Confluence	29.78	0.79	730	1630'	1630'	10:37	
(E) Confluence + ford	29.62	0.95	878	1778'	1770'		
(F) Droogans Lower Camp	29.57	1.00	924	1824'	—		
(G) Cornell + Misko Brooks confl.	29.38	1.19	1100	2000'	2000'	11:35	
(H) level with top, Lower M. Falls	29.10	1.47	1358	2258'	—		
(HW) level with top, Upper M. Falls	29.03	1.54	1423	2323'	—	11:55	
(I) lunch rock; end hike	28.93	1.64	1515	2415'	—	Norm 12:42	
(I) (H)							
(G) Cornell + Misko Confl.	29.34	1.21	1182	2000'	2000'		<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <math>\frac{2000 - 818'}{30.55 - 29.34} = \frac{1182'}{1.21h}</math>  <math>= 0.977</math> </div> <div style="font-size: 2em;">↑</div> </div>
(J) end terraced back road	29.29	1.26	1231	2049'	—	1:25	
(K) base of Cornell Falls	29.20	1.35	1319	2137'	—	1:46	
(G) Cornell + Misko Confl.	29.34	1.21	1182	2000'	2000'		
(F) Droogans Lower Camp	29.50	1.05	1026	1844'	—	2:47	
(E) Confluence + ford	29.54	1.01	987	1805'	1770'	3:04	
(C) Misko Cabin	29.88	0.67	655	1473'	1500'	3:54	
(A) Phoenixia, behind Pharmacy	30.55	0.00	—	—	818'	4:14	

Driving time:

Home 8:39 }  
 Misko Cabin 9:23 } 25.2 miles in 44 minutes

Paul says Mxs. M-L-Jeanson was original owner of above 2000 acres at foot of Slide Mtn. Sold to Dubois who sold to Simpson who bought it. Then to SNY. SNY sold a portion back to WV Park Assn. ????. Forest preserve sold ????.

# Vegetation Notes

181-20

Big tooth at the ford (E)

(D) Smt and LL common. Also Mitch & PA. A few OX. Grand cover moderately abundant. This is NOT an example of a paucity of grand cover from the Phoenixia area eastward. Hemlocks scattered, never dominant on the flood plain & lower slopes.

(I) Hem common but not dominant, casting NO continuous shade. B-YB also common a few OAH. No trees over 75 to 100 y old ±. One YB broken off 5" dbh slow growing, ca 70 y. dead. Hemlocks max 16 to 18" ±, none pre-fanning era.

ASH common all the way to (G). BASS at (F).

Adding TIAR, RA at (F) plus one Japanese barberry.

(F) + (J) Paul's best guess is that Dr. Dragoon used his computer between 1890 & 1910.

#10 TREE AGES Above (E) on "The Delta": BC broken off with 50y in 4" of radius. Σ radius 18" on a 36" dbh tree. to 100y ±

(K) One 9" Ash in gorge. Scattered KEM in gorge, all ±75 y, none dating back to fanning era. Many young YB, even more visible atop Cornell Falls. NO evidence of 1960 ± landslide in sight. No fresh colluvium. Ledge boulders with well-established bryar & fern herb cover.

Doubtful that this tree is as old as  $\frac{4"}{50y} = \frac{18"}{225y}$ .

ASH which fell when the BC came down has 50y in 5" of radius Σ radius 12" = Odd brown cherry-colored wood!

A few SUB to 18" below Cornell Falls

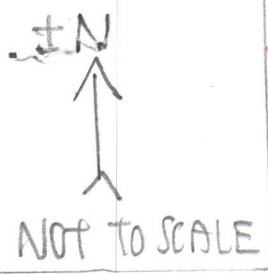
Another nearby huge Ash, 33" dbh measured 10/30/05, is estimated to be <165y.

(J) to (G) Kyl common & other bryar. protuse on terrace

These trees could have soon followed the banking.

LL - Determining the age of Clubmoss patches in the valley may help reconstruct the history, as a tree-ring supplement. Most are small (<25' across) & young.

ASH are common on the slopes as well as on the flood plain, (C) to (E), suggesting 2° or 3°.



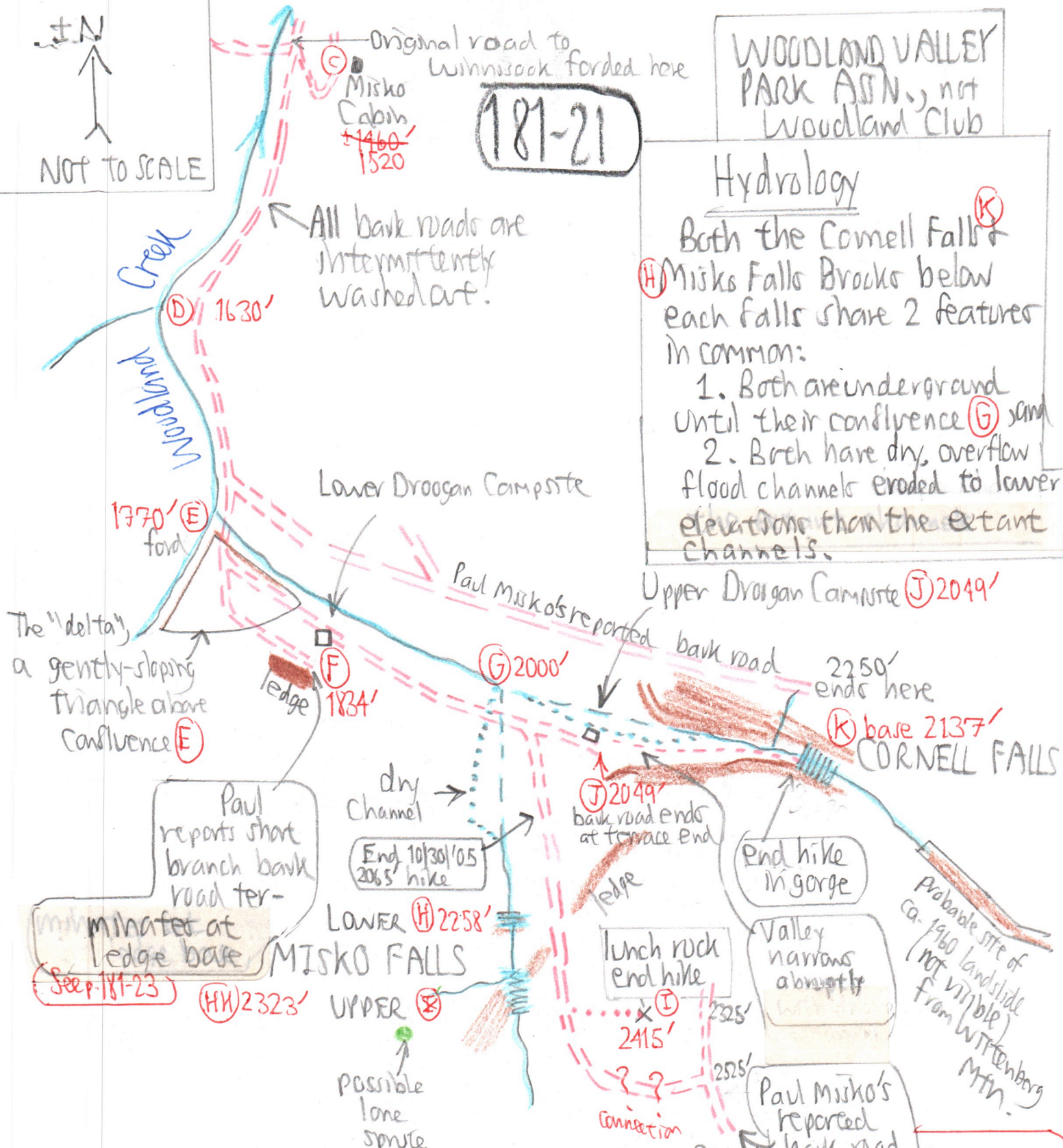
WOODLAND VALLEY  
PARK ASN., not  
Woodland Club

181-21

Hydrology

Both the Cornell Falls & Misko Falls Brooks below each falls share 2 features in common:

1. Both are underground until their confluence (G) and
2. Both have dry, overflow flood channels eroded to lower elevations than the extant channels.



The "delta", a gently-sloping triangle above confluence (E)

1770' (E) ford

All barge roads are intermittently washed out!

Lower Droogan Campsite

Paul Misko's reported barge road

Upper Droogan Campsite (J) 2049'

2250' ends here

(K) base 2137' CORNELL FALLS

Paul reports short branch barge road terminates at ledge base

dry channel  
End 10/30/05  
2065' hike

(J) 2049' barge road ends at terrace end

End hike in gorge

Probable site of ca. 1960 landslide (not visible from Wittenberg Mtn.)

lunch rock  
End hike

Valley narrows abruptly

LOWER (H) 2258'

UPPER (I) 2415'

(HM) 2323'

possible lone spruce

Paul Misko's reported barge road continues to here

See p. 181-23  
It does, to 2630'.

Note: There is NO evidence of floods since the end of the barking era remaining the forest on the flood plain. Occasionally individual trees fell into the stream maybe, but NO swaths of forest downed.

to Cornell Mtn.