

Calibrated Areal Depletion Curves for SNOW-17

Mike Smith

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A. Fortran format for Areal Depletion Curves

See: http://www.nws.noaa.gov/oh/hrl/nwsrfs/users_manual/part5/_pdf/533snow17.pdf

8 9F5.0 1-45 Areal depletion curve; decimal fraction; areal snow cover at WE/Ai ratios of 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8 and 0.9; for WE/Ai = 0.0, areal cover = 0.05; for WE/Ai = 1.0, areal cover = 1.0

B. Areal Depletion Curves

1. North Fork American River (note: upper zone begins at elevation of 5000 feet (1534m))

SNOW-17		UPPER							
	.11	.19	.30	.42	.54	.63	.70	.74	.79
SNOW-17		LOWER							
	.07	.10	.13	.17	.20	.24	.27	.32	.49

2. East Fork Carson River near Markleeville (note: upper zone begins at an elevation of 7000 ft (1646m))

SNOW-17		CEMC1UPR							
	.15	.29	.41	.51	.60	.65	.68	.72	.76
SNOW-17		CEMC1LWR							
	.11	.22	.28	.32	.35	.38	.41	.47	.66