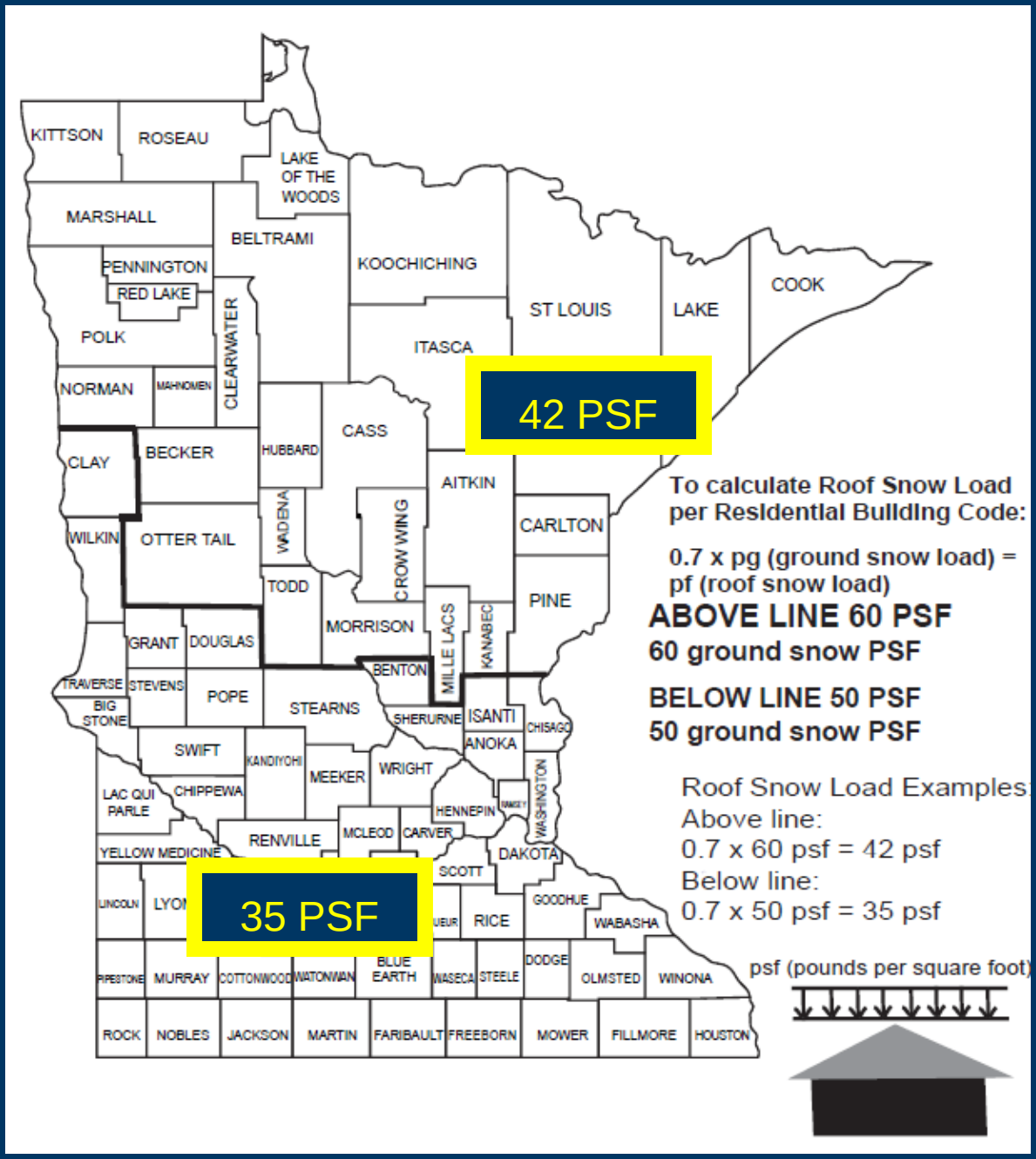
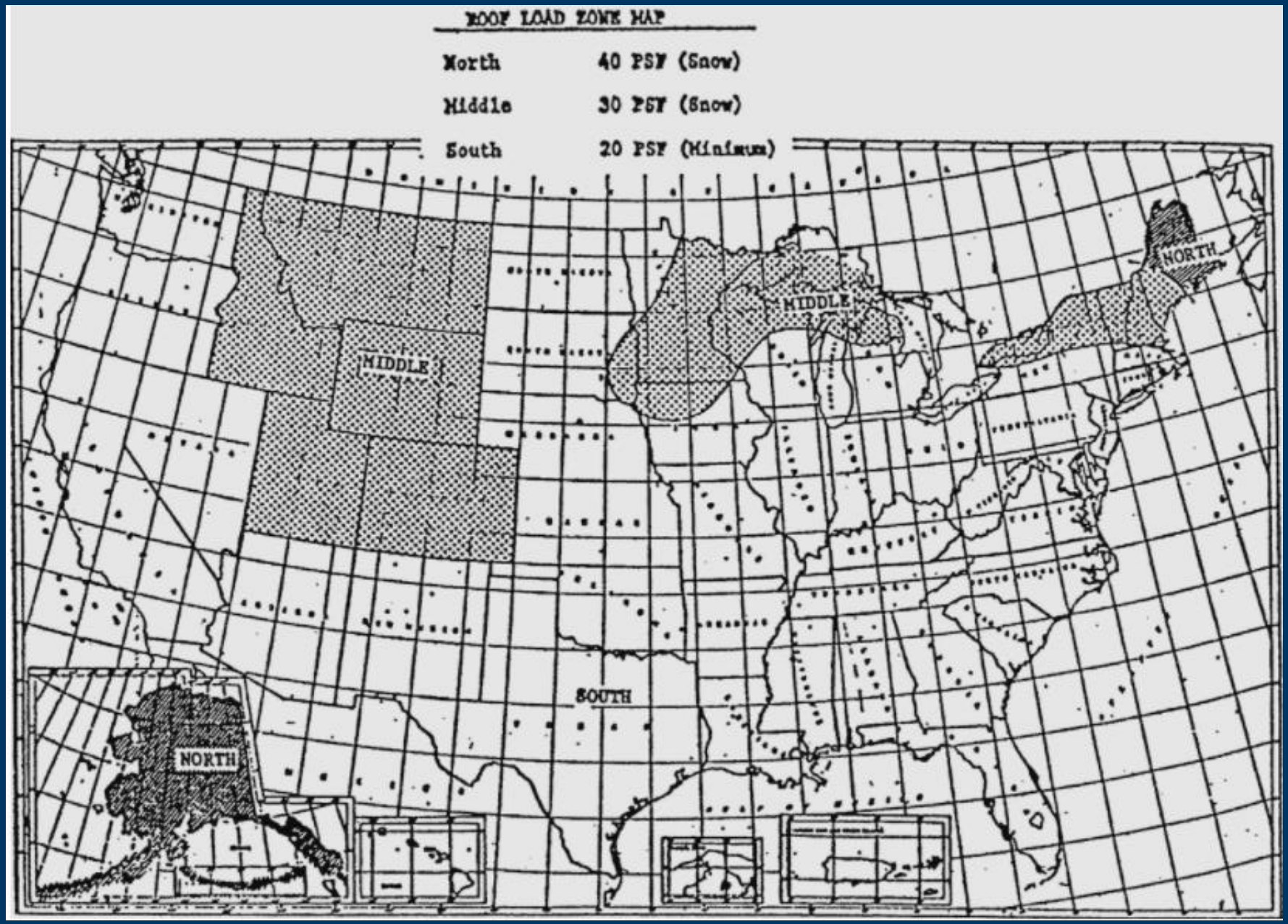
Lesson 3
Snow Load Example

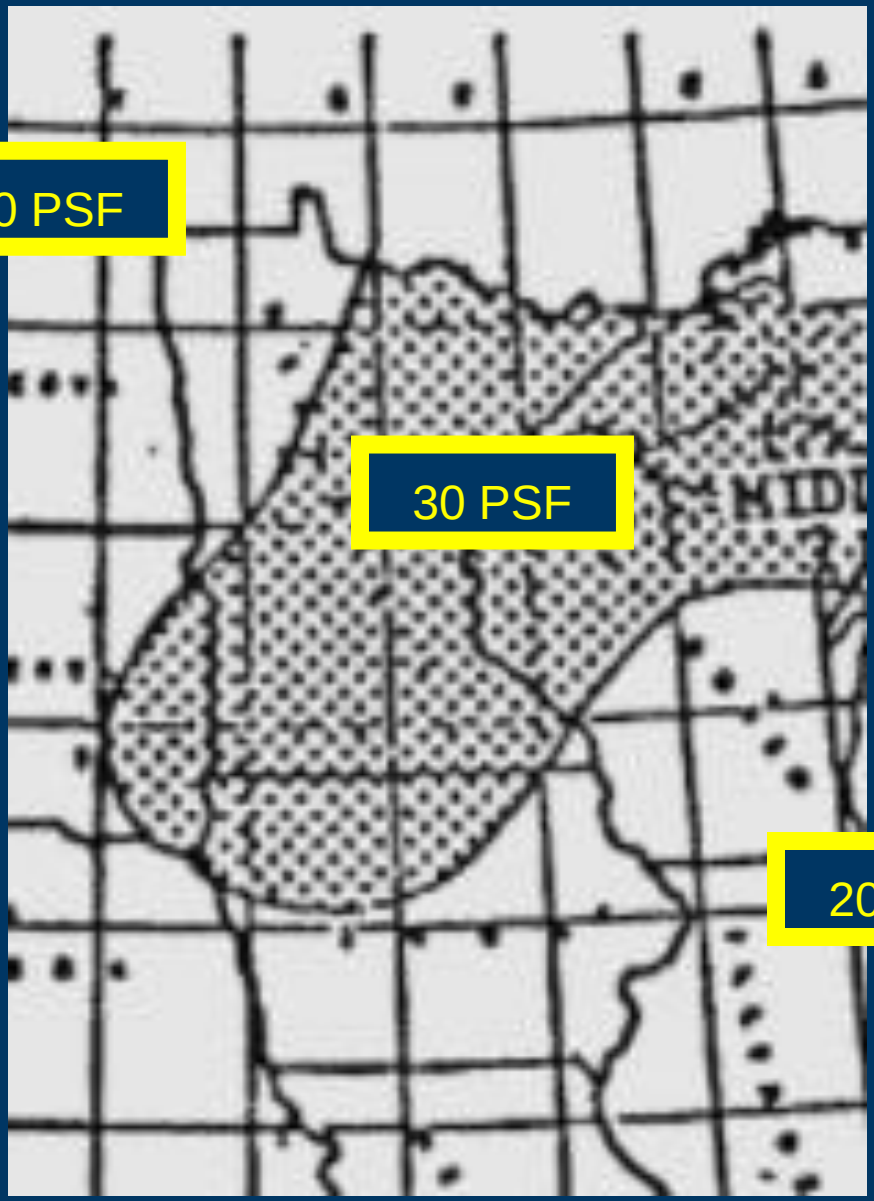
What is required by Code?



https://www.dli.mn.gov/sites/default/files/pdf/bc_map_snowload.pdf



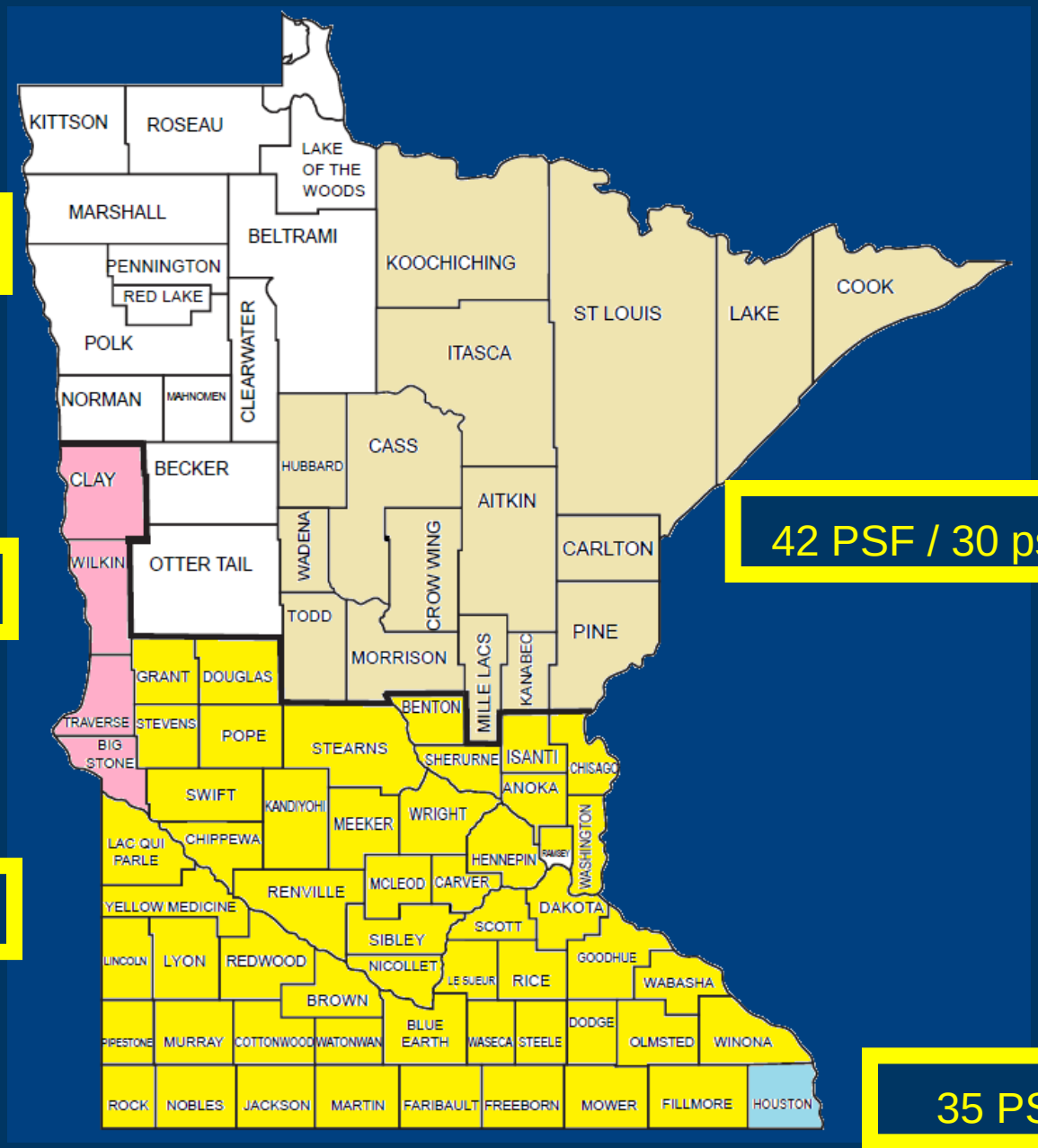
https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280#p-3280.305(c)(4)


20 PSF
30 PSF
20 PSF

42 PSF / 20 psf

35 PSF / 20 psf

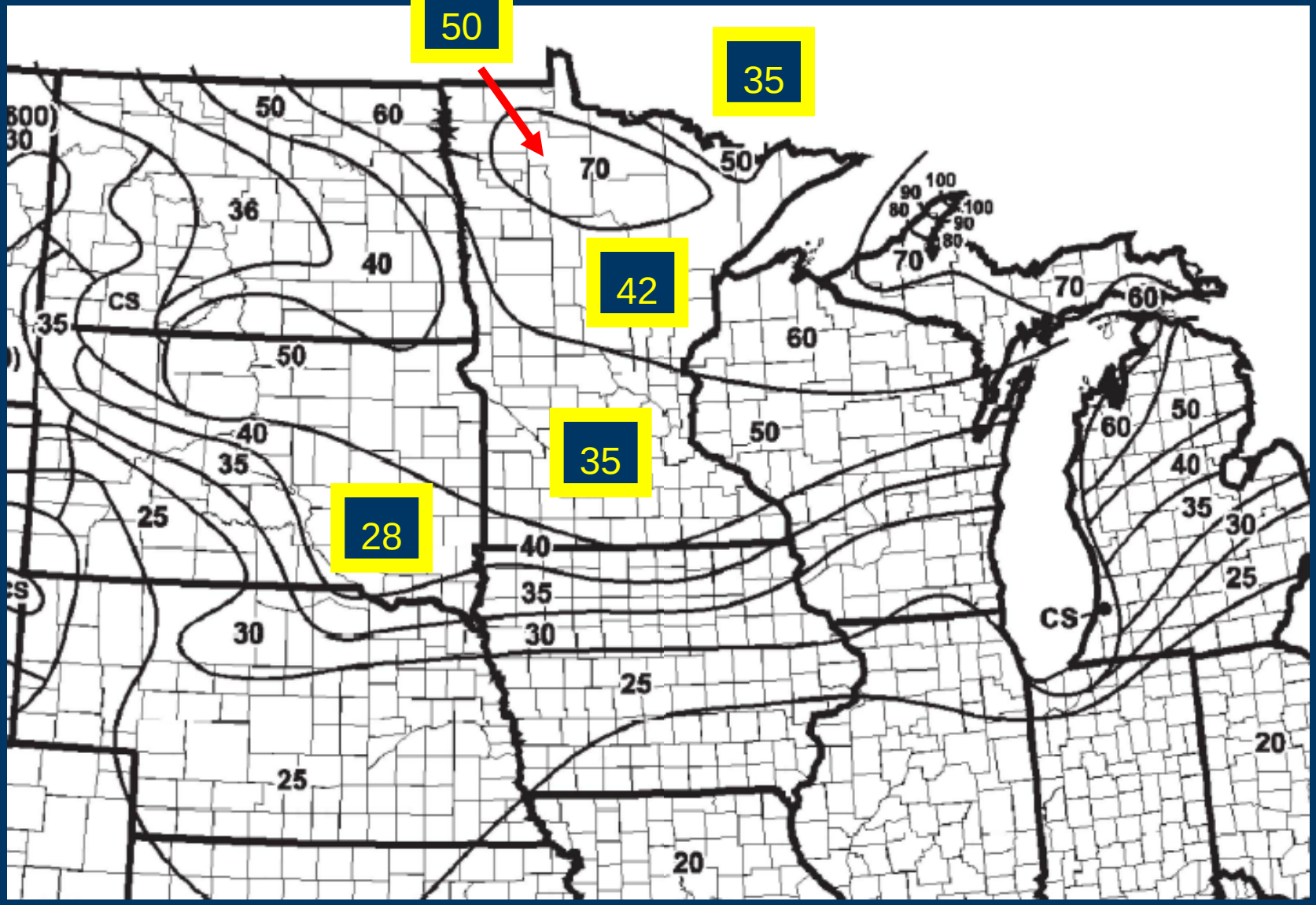
35 PSF / 30 psf



42 PSF / 30 psf

35 PSF / 20 psf

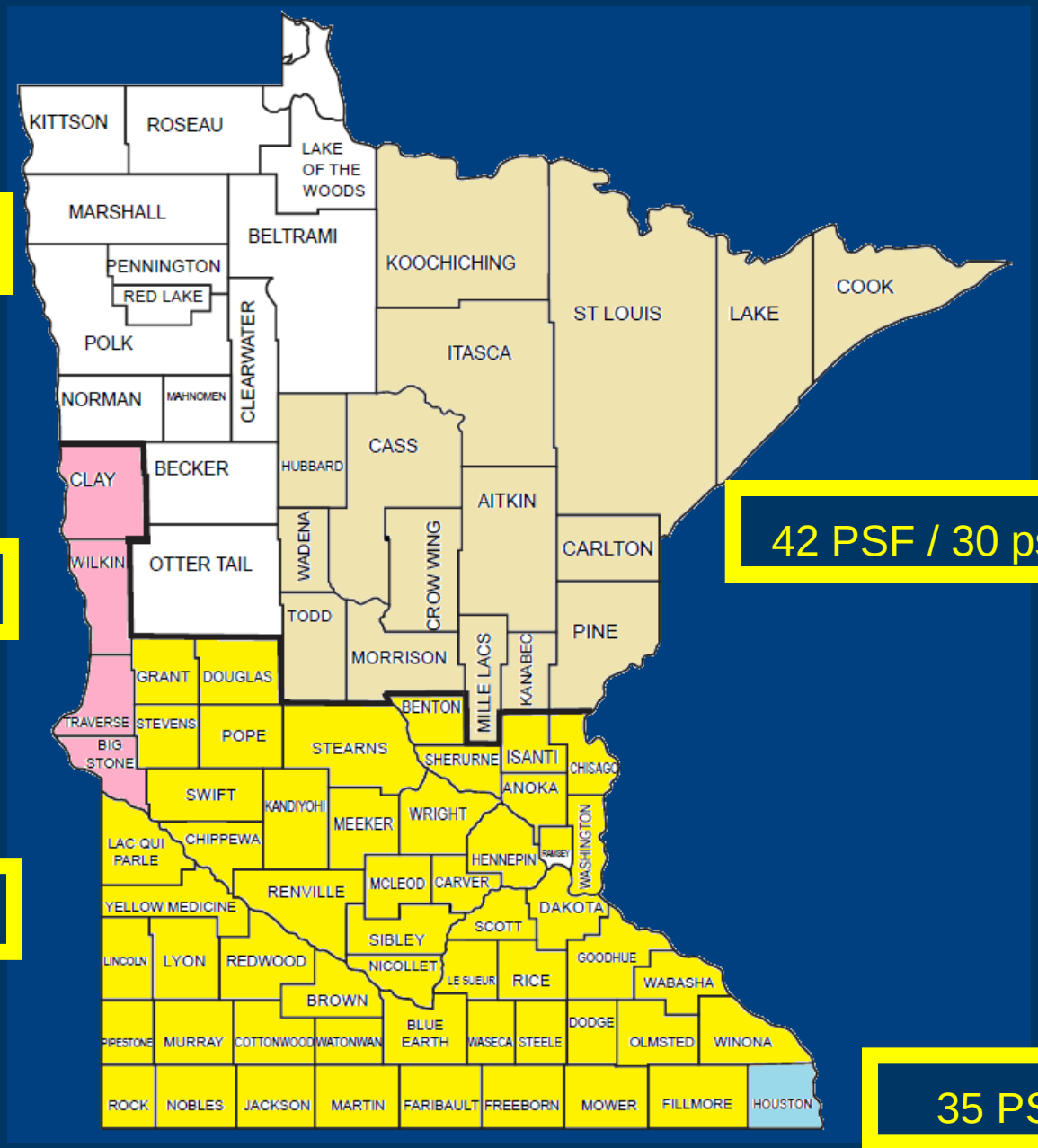
70 x 0.7 = 50 PSF



42 PSF / 20 psf

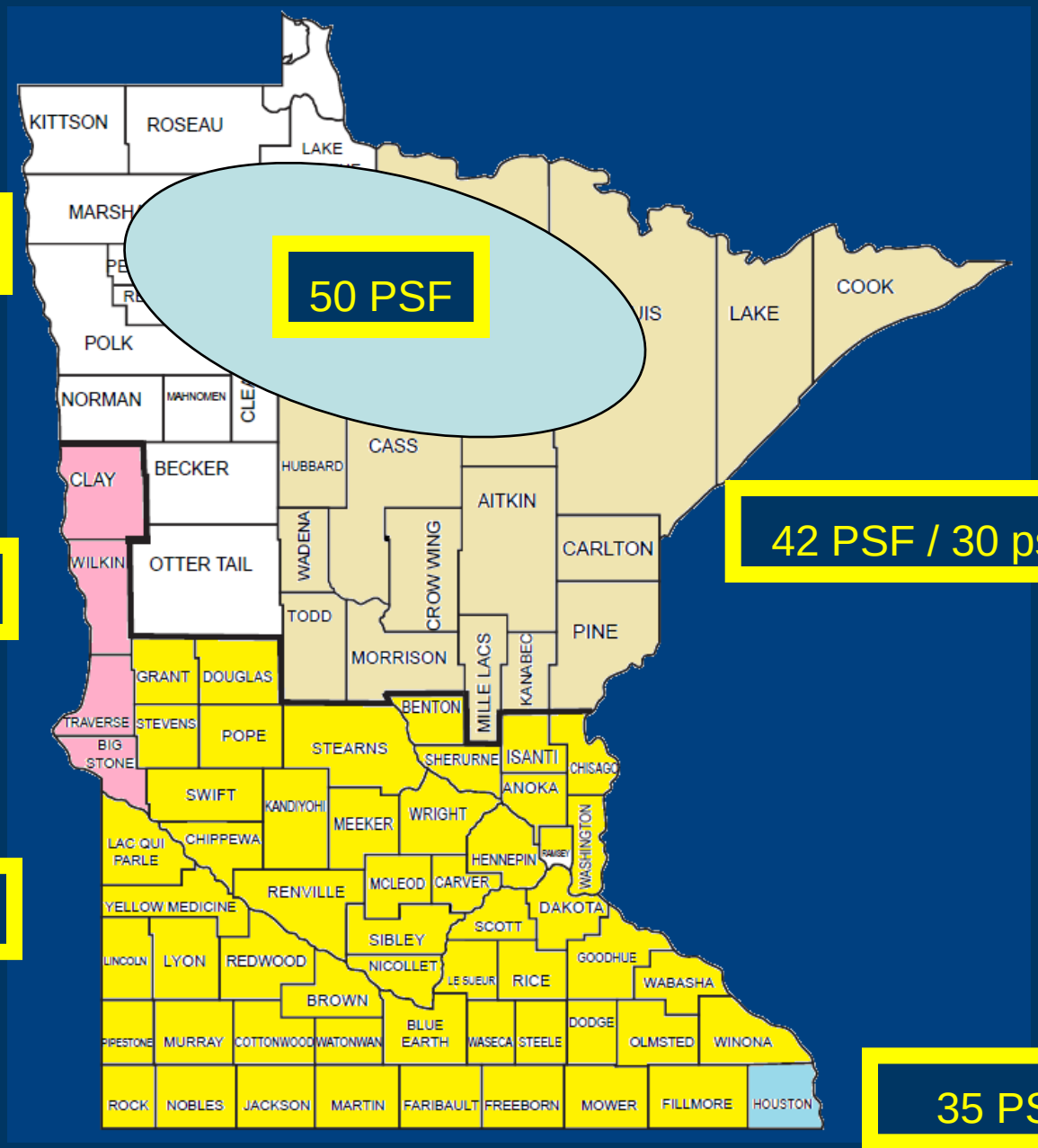
35 PSF / 20 psf

35 PSF / 30 psf



42 PSF / 30 psf

35 PSF / 20 psf


42 PSF / 20 psf
35 PSF / 20 psf
35 PSF / 30 psf
50 PSF
42 PSF / 30 psf
35 PSF / 20 psf
KITTSON
ROSEAU
LAKE
MARSH
POLK
NORMAN
MAHNOMEN
CLAY
BECKER
WILKIN
OTTER TAIL
HUBBARD
CASS
WADENA
CROW WING
AITKIN
CARLTON
LAKE
COOK
TODD
MORRISON
PINE
GRANT
DOUGLAS
TRAVERSE
STEVENS
BIG STONE
POPE
STEARNS
BENTON
MILLE LACS
SHERURNE
ISANTI
CHISAGO
ANOKA
SWIFT
KANDIYOHI
MEEKER
WRIGHT
LAC QUI PARLE
CHIPPEWA
HENNEPIN
RAMSEY
WASHINGTON
RENVILLE
MCLEOD
CARVER
DAKOTA
YELLOW MEDICINE
SCOTT
SIBLEY
LINCOLN
LYON
REDWOOD
NICOLLET
LE SUEUR
RICE
GOODHUE
WABASHA
BROWN
PIPESTONE
MURRAY
COTTONWOOD
WATONWAN
BLUE EARTH
WASECA
STEELE
DODGE
OLMSTED
WINONA
ROCK
NOBLES
JACKSON
MARTIN
FARIBAULT
FREEBORN
MOWER
FILLMORE
HOUSTON