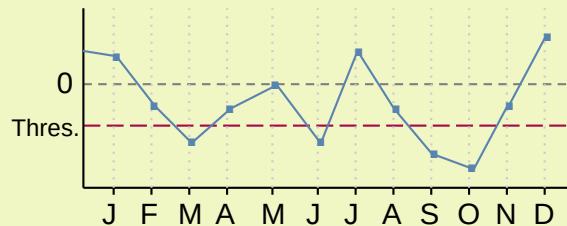
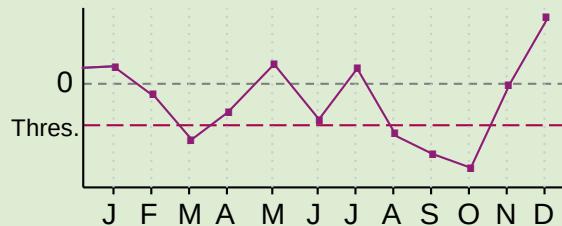


Meteorological, soil moisture, or snow index



SSI-1

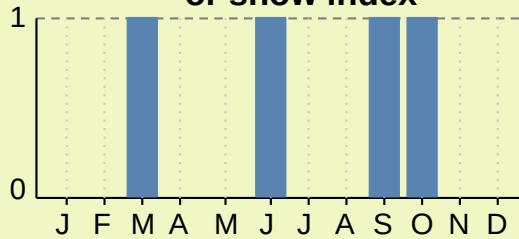


Resulting binary value

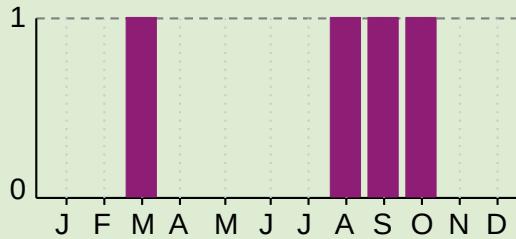
$\text{Index}_i > \text{Threshold} = 0$

$\text{Index}_i \leq \text{Threshold} = 1$

Binary meteorological, soil moisture, or snow index



Binary SSI-1



Event coincidence analysis

