$W \in \{0,1\}$ weather balloon $P(W=1) = 0.47$

$S \in \{0,1\}$ surveillance balloon $P(S=1) = 0.19$

$B \in \{0,1\}$ any balloon present

$P(W=1|S=1) = 0$

$P(S=1|W=1) = 0$

$P(D=1|S=1) = 0.63$

$P(D=1|B=1) = 0.63$

$P(D=1|B=0) = 0.07$

$P(B=1) = P(W=1) + P(S=1) = 0.66$

Want $P(S=1|D=1) = \frac{P(D=1|S=1)P(S=1)}{P(D=1)} = \frac{0.63 \cdot 0.19}{0.63 \cdot 0.66 + 0.07 \cdot 0.34}$

$= 0.272$