[yes,no]

$$H(5,9) = -\left\lceil \frac{5}{14} \log_2 \left(\frac{5}{14} \right) + \frac{9}{14} \log_2 \left(\frac{9}{14} \right) \right\rceil = 0,9403$$

Split at Temperature:

Temp = high:
$$H(2,5) = -\left[\frac{2}{7}\log_2\left(\frac{2}{14}\right) + \frac{5}{7}\log_2\left(\frac{5}{7}\right)\right] = 0,8631$$

Temp = low: $H(3,4) = -\left[\frac{3}{7}\log_2\left(\frac{3}{14}\right) + \frac{4}{7}\log_2\left(\frac{4}{7}\right)\right] = 0,9852$
Gain: $H(5,9) - H\left[\frac{7}{14}H(2,5) + \frac{7}{14}H(3,4)\right] = 0,01615$

Split at Rain:

Rain = yes:
$$H(0,7) = -\left[\frac{0}{7}\log_2\left(\frac{0}{14}\right) + \frac{7}{7}\log_2\left(\frac{7}{7}\right)\right] = 0$$

Rain = no: $H(5,2) = -\left[\frac{5}{7}\log_2\left(\frac{5}{14}\right) + \frac{2}{7}\log_2\left(\frac{2}{7}\right)\right] = 0,8631$
Gain: $H(5,9) - H\left[\frac{7}{14}H(0,7) + \frac{7}{14}H(5,2)\right] = 0,50875$

Split at Windy:

Windy = True:
$$H(1,6) = -\left[\frac{1}{7}\log_2\left(\frac{1}{14}\right) + \frac{6}{7}\log_2\left(\frac{6}{7}\right)\right] = 0,5917$$

Windy = False: $H(4,3) = -\left[\frac{4}{7}\log_2\left(\frac{4}{7}\right) + \frac{3}{7}\log_2\left(\frac{3}{7}\right)\right] = 1,3781$
Gain: $H(5,9) - H\left[\frac{7}{14}H(0,7) + \frac{7}{14}H(5,2)\right] = 0,0446$

Split at Humidity:

Humidity = High:
$$H(2,5) = -\left[\frac{2}{7}\log_2\left(\frac{2}{14}\right) + \frac{5}{7}\log_2\left(\frac{5}{7}\right)\right] = 0,8631$$

Humidity = Low: $H(3,4) = -\left[\frac{3}{7}\log_2\left(\frac{3}{14}\right) + \frac{4}{7}\log_2\left(\frac{4}{7}\right)\right] = 0,9852$
Gain: $H(5,9) - H\left[\frac{7}{14}H(2,5) + \frac{7}{14}H(3,4)\right] = 0,01615$

RAIN: No

$$H(5,2) = -\left[\frac{5}{7}\log_2\left(\frac{5}{7}\right) + \frac{2}{7}\log_2\left(\frac{2}{7}\right)\right] = 0,8631$$

Split at Temperature:

Temperature = High:
$$H(2,0) = -\left[\frac{2}{2}\log_2\left(\frac{2}{2}\right) + \frac{0}{2}\log_2\left(\frac{0}{2}\right)\right] = 0$$

Temperature = Low: $H(3,2) = -\left[\frac{3}{5}\log_2\left(\frac{3}{5}\right) + \frac{2}{5}\log_2\left(\frac{2}{5}\right)\right] = 0,910$
Gain: $H(5,2) - H\left[\frac{2}{7}H(2,0) + \frac{5}{7}H(3,2)\right] = 0,2131$

Split at Windy:

Windy = True:
$$H(1,2) = -\left[\frac{1}{3}\log_2\left(\frac{1}{3}\right) + \frac{2}{3}\log_2\left(\frac{2}{3}\right)\right] = 0,9183$$

Windy = False: $H(4,0) = -\left[\frac{4}{4}\log_2\left(\frac{4}{4}\right) + \frac{0}{4}\log_2\left(\frac{0}{4}\right)\right] = 0$
Gain: $H(5,2) - H\left[\frac{3}{7}H(1,2) + \frac{4}{7}H(4,0)\right] = 0,4695$

Split at Humidity:

$$\begin{split} \text{Humidtiy} &= \text{High: } H(2,1) = -\left[\frac{2}{3}\log_2\left(\frac{2}{3}\right) + \frac{1}{3}\log_2\left(\frac{1}{3}\right)\right] = 0,9183 \\ \text{humidity} &= \text{Low: } H(3,1) = -\left[\frac{3}{4}\log_2\left(\frac{3}{4}\right) + \frac{1}{4}\log_2\left(\frac{1}{4}\right)\right] = 0,8113 \\ \text{Gain: } H(5,2) - H\left[\frac{3}{7}H(2,1) + \frac{4}{7}H(3,1)\right] < \boxed{0,1} \end{split}$$