Scrubber H_2O

201
820
~~1670~~
104
~~1303~~
349
139
70
~~1506~~
116
227
422

2305/9 = 256

52 moles/hr

Air 14 ft³/#

50 cfm/14 = 3.57 #/min

(3.57 #/min)(60 min/hr) = 214.2 #/hr

214.2 / 29 = 7.3 moles/hr

DSW 296199

At 1006pm in Scrubber H_2O

(1006pm)(1440)(8.34) = 1201,000

$$\frac{x}{1.201 \times 10^6} = \frac{256}{1 \times 10^9}$$

$$x = \frac{(0.256 \times 10^3)(1.201 \times 10^6)}{1 \times 10^9}$$

$x = 0.307$ #/day @ 100% moisture

Should average $0.85 \times 0.307 \approx 0.26$