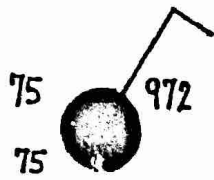


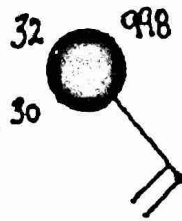
WEATHER FACTOR	STATION #1	STATION #2	STATION #3	STATION #4
TEMPERATURE (°F)				
DEW POINT (°F)				
BAROMETRIC PRESSURE (MB)				
WIND DIRECTION				
WIND SPEED (knots)				
PRECIPITATION (in)				
CLOUD COVER (%)				
BAROMETRIC TREND				
PRESENT WEATHER				
VISIBILITY (mi)				

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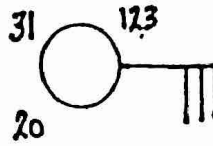
WEATHER FACTOR	STATION #5	STATION #6	STATION #7	STATION #8
TEMPERATURE (°F)	30	72	33	54
DEW POINT (°F)	27	72	32	40
BAROMETRIC PRESSURE (MB)	1006.4	987.2	998.7	1032.0
WIND DIRECTION	North	Southwest	Northeast	None
WIND SPEED (knots)	15	25	10	Calm
PRECIPITATION (in)	.12	None	.50	None
CLOUD COVER (%)	100	25	100	Clear
BAROMETRIC TREND	-1.0 Decreasing	+1.0 Rising	-2.4 Decreasing	+3.1 Rising
PRESENT WEATHER	Snow	Fog	Sleet	Clear
VISIBILITY (mi)	1/2	1/4	1	Unlimited



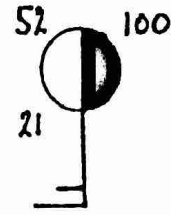
A



B



C



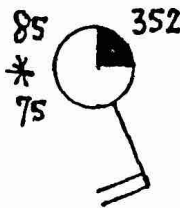
D

Laboratory Summary Questions:

1. Which weather station model above would most likely have snow? \_\_\_\_\_
2. Which weather station model above would most likely have rain? \_\_\_\_\_
3. Which weather station model above has the highest air pressure? \_\_\_\_\_
4. Which weather station model above has the highest wind speed? \_\_\_\_\_

5.

What is wrong with this station model?




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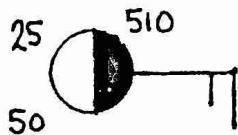
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6.

What is wrong with this station model?




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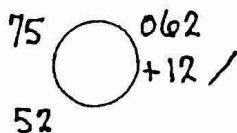


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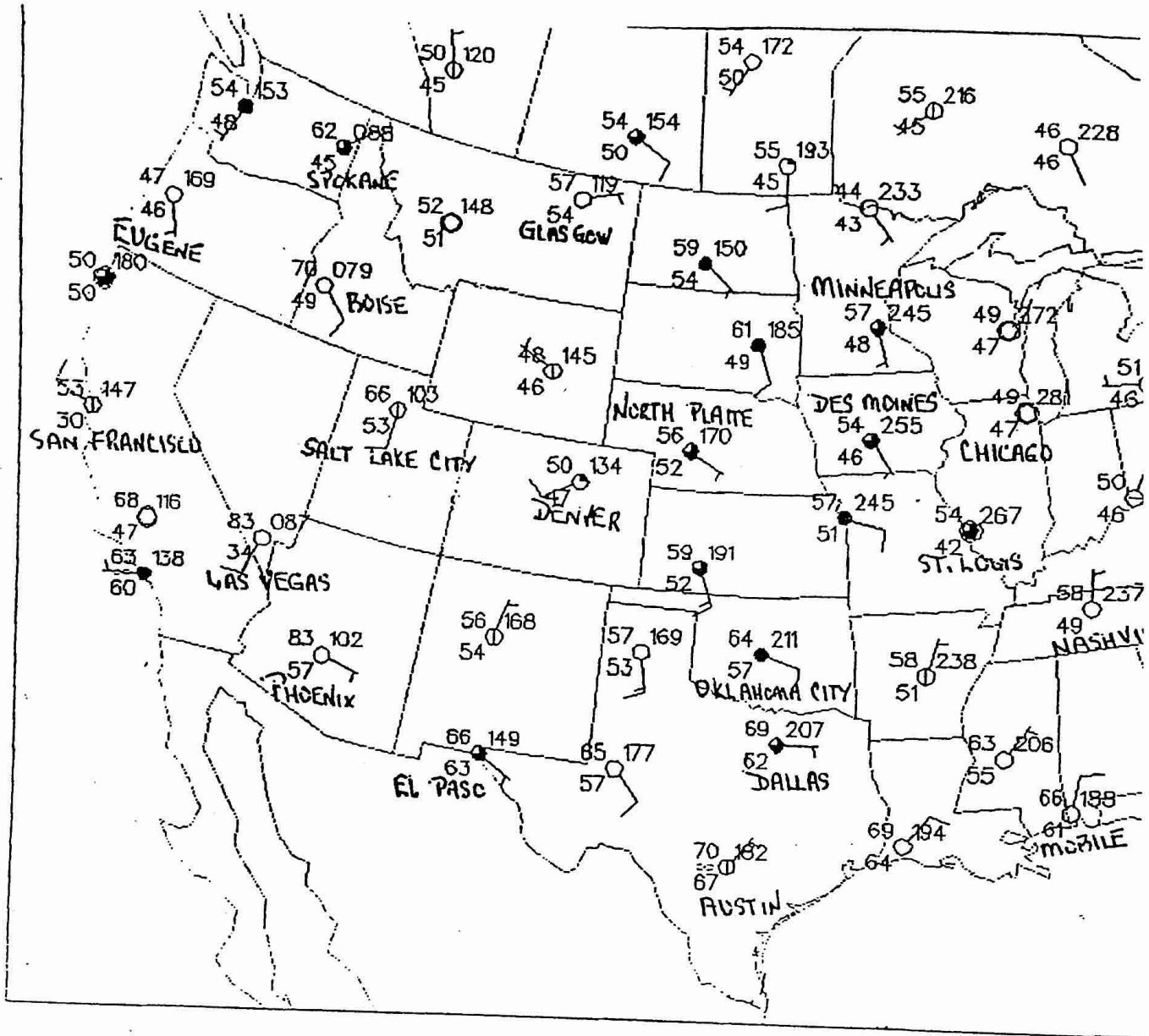


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7.

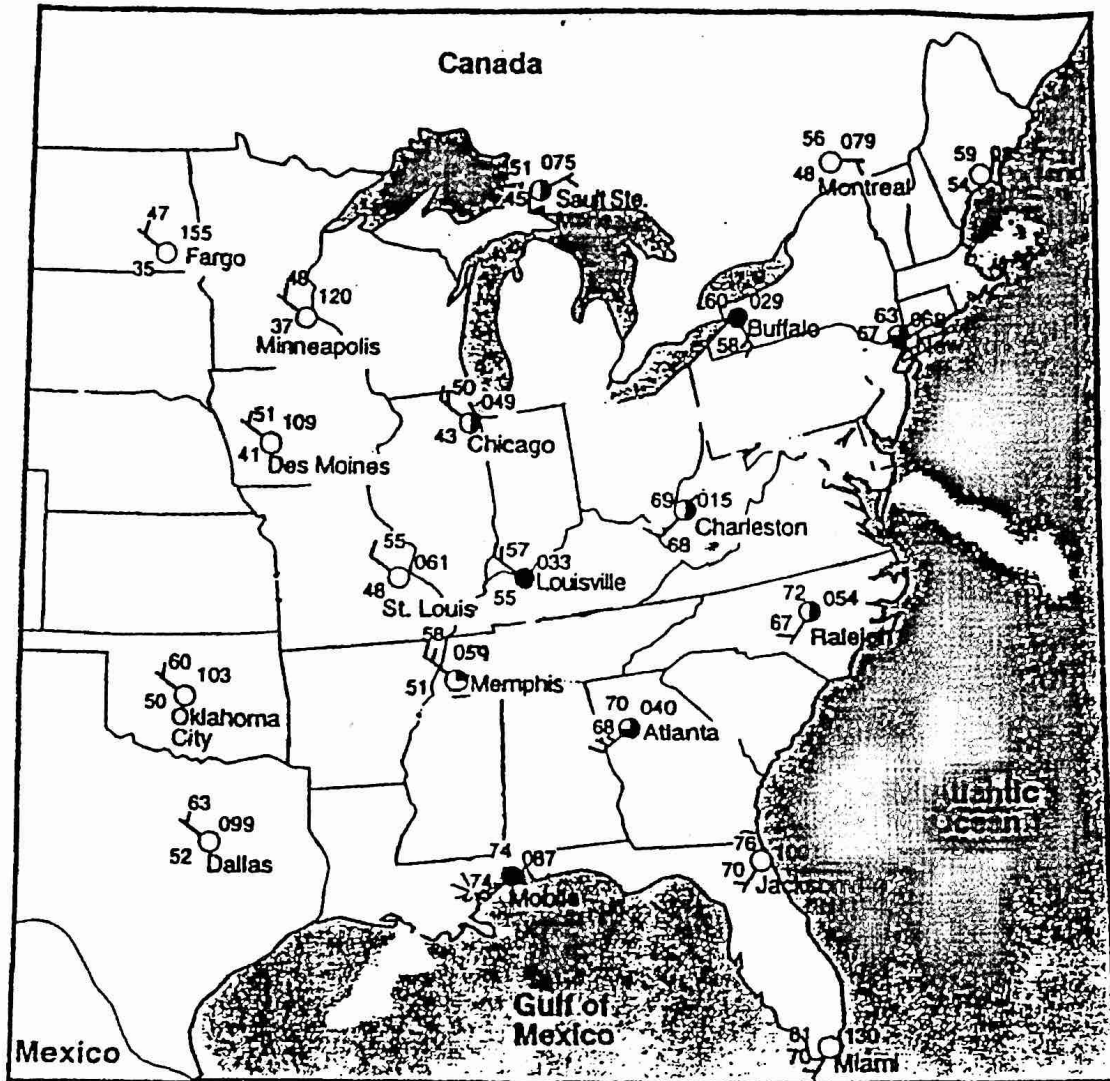


Determine what was the barometric pressure 3 hours ago. (Show work).



Map #1 - Western U.S.

6. Which named city (cities) have the lowest temperatures? \_\_\_\_\_
7. Which named city has the lowest chance of precipitation? \_\_\_\_\_
8. What is the air pressure at:  
 Denver \_\_\_\_\_ Spokane \_\_\_\_\_ Minneapolis \_\_\_\_\_
9. Determine the wind direction at:  
 Dallas \_\_\_\_\_ Des Moines \_\_\_\_\_ San Francisco \_\_\_\_\_
10. List 2 cities that have clear sky cover: \_\_\_\_\_



Map #2- Eastern U.S.

6. Which named city (cities) have the lowest temperatures? \_\_\_\_\_
7. Which named city has the lowest chance of precipitation? \_\_\_\_\_
8. What is the air pressure at:  
 Buffalo \_\_\_\_\_ Miami \_\_\_\_\_ Fargo \_\_\_\_\_
9. Determine the wind direction at:  
 Dallas \_\_\_\_\_ Montreal \_\_\_\_\_ Jacksonville \_\_\_\_\_
10. List 2 cities that have clear sky cover. \_\_\_\_\_