

B2 THE MORNING CALL, SUNDAY, MARCH 16, 1986

The Weather

TODAY	55° / 13C
Partly sunny	30° / -1C
TOMORROW	55° / 13C
Sunny	35° / 2C
TUESDAY	48° / 9C
Fair	32° / 0C
WEDNESDAY	50° / 10C
Chance of showers	50° / 10C
THURSDAY	50° / 10C
Chance of showers	36° / 2C

Zone forecasts

Poconos
Clear with light clouds in the afternoon. High 55, low 30. Partly cloudy with a chance of rain in the evening. High 55, low 30.

New Jersey Shore
Partly cloudy with a chance of rain in the evening. High 55, low 30.

Marine
Winds will be from the north-northwest at 10 to 20 knots today. Light to moderate seas. High 55, low 30.

In the Lehigh Valley

Partly sunny today with a high in the mid-50s. Winds will be from the northwest at 5 to 10 mph. Clear tonight with a low around 30. Sunny tomorrow with a high in the mid-50s. Yesterday's winds averaged 14 mph from the northwest with a maximum sustained speed of 24 mph from the northwest at 5 a.m. The high was 63 (7C) at 1:30 p.m. and the low was 43 (6C) at midnight last night. There was .11 of an inch of rain as of 10:30 last night.

Across the nation

By The Associated Press

A strong Pacific storm system spread rain and gusty wind from northern and central California to southwestern Oregon yesterday, while a second storm spread rain over the eastern Plains and snow in the north.

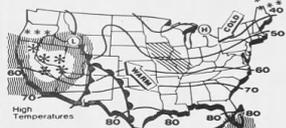
A winter storm warning was posted today for much of the Sierra Nevada range of California and the Lake Tahoe area, and a winter storm watch was issued for the Sierra Nevada south of Kings Canyon Park.

In Southern California, a winter storm warning for heavy snow and high wind was issued today for the Owens Valley, with a winter storm watch for the mountains.

Rain and snow extended from northeastern New York state to northern New England.

Minor flooding was reported in eastern West Virginia, which suffered devastating floods in November.

For today, rain with snow in the mountains was forecast from the Oregon and California coasts across much of the Plains to the northern and central Rockies. Rain showers were forecast across the middle Mississippi Valley, with a mixture of rain and snow across Minnesota. Scattered snow showers were forecast from western New York state to northern New England. A few showers were forecast over the Florida Peninsula.



High Temperatures
Sun., March 16, 1986

Showers Rain Warm Cold Occluded Stationary Flurries Snow
National Weather Service NOAA, U.S. Dept. of Commerce

Travel city weather

City	High	Low	Today's Outlook
Anchorage	27	20	clear
Atlanta	57	49	cloudy
Boston	39	32	cloudy
Chicago	43	35	cloudy
Cleveland	56	35	cloudy
Denver	53	34	clear
Houston	76	56	cloudy
Los Angeles	66	49	rain
Louisville	62	42	cloudy
Miami	79	70	cloudy
New Orleans	73	52	clear
New York	46	41	cloudy
Philadelphia	39	30	clear
Pittsburgh	38	44	cloudy
St. Louis	54	33	cloudy
Seattle	53	36	clear
Washington	40	48	cloudy

The National Weather Service broadcasts weather information continuously at Allentown on 142.40 on the VHF-FM band of specially equipped radios.

Yesterday's world weather

City	High	Low	Wind	Cloud
Albuquerque	72	52	light	clear
Anchorage	27	20	light	clear
Atlanta	57	49	light	cloudy
Boston	39	32	light	cloudy
Chicago	43	35	light	cloudy
Cleveland	56	35	light	cloudy
Denver	53	34	light	clear
Houston	76	56	light	cloudy
Los Angeles	66	49	light	rain
Louisville	62	42	light	cloudy
Miami	79	70	light	cloudy
New Orleans	73	52	light	clear
New York	46	41	light	cloudy
Philadelphia	39	30	light	clear
Pittsburgh	38	44	light	cloudy
St. Louis	54	33	light	cloudy
Seattle	53	36	light	clear
Washington	40	48	light	cloudy

Air quality readings

March 10-15

City	Reading	Category
Allentown	2	Good
Albany	2	Good

0 to 50 - good
51 to 100 - moderate pollution
101 to 150 - unhealthy
151 to 200 - very unhealthy
201 to 300 - hazardous
Chart data based on standard concentration for each day.

FIRST



Liberty High School's David Bader, Neil Szanyi and Bill Brewster (left to right) work on a problem in a private room.

'Berg math test: new rules, old titlist

By DICK COWEN
Of The Morning Call

Mulhensberg College changed the rules for its ninth-annual high school mathematics contest to make it a balance between speed and reasoning.

The team from Liberty High School — which triumphed easily the previous eight years when speed alone was the key factor — won anyway. But it had to struggle to do it.

Salisbury High School came in a close second, thanks to its top placement in the reasoning section. Salisbury's team captain was Bradley Main, a 16-year-old sophomore who has exhausted the math offerings at his school and is in his fourth math course at Mulhensberg.

The scores in percentages were 54 for Liberty, 48 for Salisbury, a tie at 43 for Elmham and Freedom, 34 for Parkland and 18 for Allen.

William Brewster, 17, a senior, headed the winning Liberty team. He is a son of James and Frances Fells of Bethlehem. The other team members were Neil Szanyi and David Bader, both juniors.

For the ninth consecutive year, the team was coached by teacher Doris Helms, who bypassed any comments about whether the new rules were aimed specifically at Liberty.

She said, however, it was nice that every team got 40 seconds to answer the questions that relied somewhat on speed.

In past years, a question would be placed on a screen before a group of three or four teams — up to three members per team. The first team to press its buzzer got to answer — 10 points for being correct and minus five for incorrect.

The other teams were locked out to compete and never get a chance to answer a question.

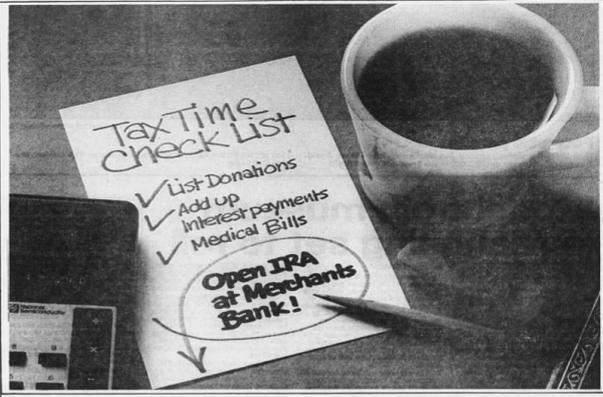
Liberty clobbered one and all with that system.

This year, there was the same pattern of putting questions on the screen. For example, with the question, "Find the smallest positive integer such that its cube is greater than 200 times itself," each team had 40 seconds to write out its answer and hold it up for the judge. A correct answer was 10 points and an incorrect minus 5 points.

All the teams had a chance to answer with that system.

For the other half of the test, each team was given six mathematical problems or exercises and the reasoning that went with them. Each was meant to sound plausible. But each contained fallacies.

Please See MATH Page B3



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