

PASADENA (AP) -- The first Martian weather report shows nippy morning temperatures of 122 degrees below zero on the Red Planet, under skies not blue but pink.

Dust particles floating in the thin atmosphere scatter sunlight to paint the sky pink, scientists explained today, even though it looked an earthly blue in Viking 1's first color picture.

"It is red, but not as red as the surface," said Dr. Carl Sagan.

The color was false in the first picture because Viking's cameras have not yet been adjusted to reproduce colors on Mars with perfect accuracy, said project officials.

A more serious problem was also revealed late Wednesday. The seismometer designed to detect marsquakes did not turn on properly after Tuesday's landing.

Unless it can be fixed by radio commands from earth, the instrument will not be able to carry out its work of recording quakes and probing the interior of the planet, said Deputy Mission Director Lou Kingsland.

Scientists had hoped to have the use of seismometers aboard both Viking 1 and its twin, Viking 2 -- due for a landing later this summer -- in order to determine the location of any marsquakes. If only one seismometer works properly, only the number, not

the direction of the quakes can be registered.

Dr. Seymour Hess, meteorology investigation team leader, said the weather station aboard the robot lander recorded temperatures ranging from 122 below zero Fahrenheit to 22 below, although the latter was not the highest

temperature of the day.

He said there were light winds shifting from the east to the southwest during Viking's first Martian night. The highest wind speed was 15 miles per hour, far gentler than the winds of several hundred miles per hour known to blow on the planet.

Sagan, a member of Viking's lander photography team, said another

(See 'D' on Page 2)