

# RECAP

SPRING 2007

- ▶ CLOUD CROSSWORD PUZZLE
- ▶ WEATHER DUDE SING ALONG
- ▶ LOOK WHO VISITED US

www.columbiaweather.com

For Professionals Who Monitor the Weather. From the Manufacturers of Capricorn™ and Orion™ Weather Stations.

## ▼ New Orion LX™ Internet-Ready Weather Station

The Internet-ready Orion LX Weather Station is our newest and most technologically-advanced weather monitoring system yet. With the compact, all-in-one Orion sensor head, the Orion LX features a Weather MicroServer offering FTP output, XML web service, and Internet browser user interface.

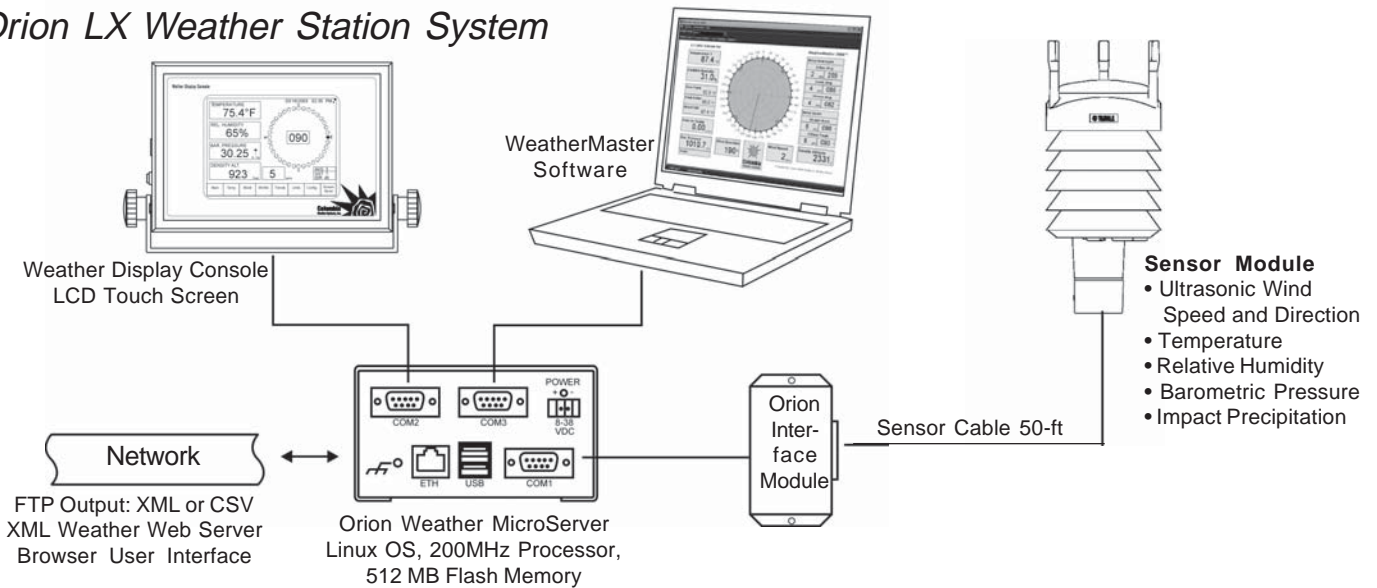
This means instantaneous, simultaneous, site-specific weather monitoring for any network user via Weather Master Network Software or URL.

The station can be connected to our proprietary LCD touch-screen Weather Display Console as well.

In a public safety scenario, the Orion LX can automatically send live incident weather readings directly to Emergency Operations Centers, Command Posts and other LAN-based emergency locations, to keep first responders, commanders, officers, and Emergency Managers simultaneously apprised of the current weather conditions at an incident scene.



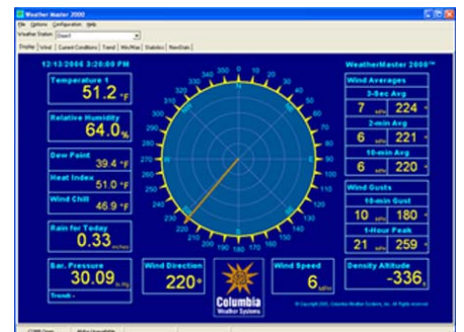
### Orion LX Weather Station System



User Interface Latest Measurements



Sample Website (Your Name Here)



WeatherMaster Software with CAMEO/ALOHA Interface



Local Cub Scouts earned their Weather Pin with help from John Gerrish, CWS's Certified Meteorologist.

## ▼ CWS News & Events

### Weather Month Visitors

Cub Scout Troop 854 visited us in March to complete the requirements for their Weather Pin. March is Weather Month for the Boy Scouts.

#### Weather Pin Requirements:

- 1-Explain how clouds are made. Describe the different kinds of clouds – stratus, cumulus, cumulonimbus, and cirrus – and what kind of weather can be associated with these cloud types.
- 2-Describe the climate in your state. Compare with that in another state.
- 3-Talk to a meteorologist about his job. Learn about careers in meteorology.

The boys were very attentive and interested and John did a great job. While we enjoyed root beer floats, they boys sang a song they had learned to help them remember the names of the different clouds.

To test your cloud knowledge, try the crossword on the next page!

### NW Fire and Rescue Expo May 18-19, Portland OR

This event is sponsored by the Northwest Fire Equipment Dealers Association and includes a free lunch. Contact John Gerrish at CWS for free admission/lunch tickets. Email [jgerrish@columbiaweather.com](mailto:jgerrish@columbiaweather.com).

A list of exhibitors and more info is at [www.northwestfirerescue.com](http://www.northwestfirerescue.com).

### Cloud Crossword Word Bank

Try the cloud-theme crossword on the next page. If you need a little help, here are the answers: accessory, cirrus, cumulonimbus, cumulus, fog, fractus, funnel, lenticular, mammatus, mare's tail, nimbus, rain, shelf, shower, stratocumulus

For the answer key, visit our website: [www.columbiaweather.com/crossword07.html](http://www.columbiaweather.com/crossword07.html)



To NADER,  
YOUR EQUIPMENT HELPS ME OPERATE  
"MY EQUIPMENT" SAFELY! THANKS FOR  
YOUR HELP AND SUPPORT.  
Tom Rum  
SENIOR CAPTAIN  
COOPER INDUSTRIES  
*Tom Rum*

### If you're in the neighborhood, feel free to stop by!

Capricorn owner Tom Rum visited CWS this past fall when he was in the area on business. Tom is Senior Captain for Cooper Industries, piloting their corporate jet all over the world. (We are conveniently located near the Hillsboro Airport.)

*Thanks for the visit, Tom!*

► *Weather Dude Sing Along CD benefits hurricane victims*

Nick Walker, on-camera meteorologist for The Weather Channel® doubles as the “Weather Dude,” bringing the science of meteorology down to an understandable level for children and students of all ages. His latest CD is “Sing Along with the Weather Dude.”

Complicated meteorological principles become simple in ten original songs such as “What Makes Rain,” “Thunderstorms,” and “Cloud Cover.” Topics are expanded in the accompanying workbook with activities like making a rainbow or proving that there is water in the atmospheric air. The book is illustrated by Carl Strobe.

Additionally, the Weather Dude website offers corresponding pages for each song with even more details about basic weather phenomena and activities that children can try at home and teachers can use in class.

**Song Excerpts**

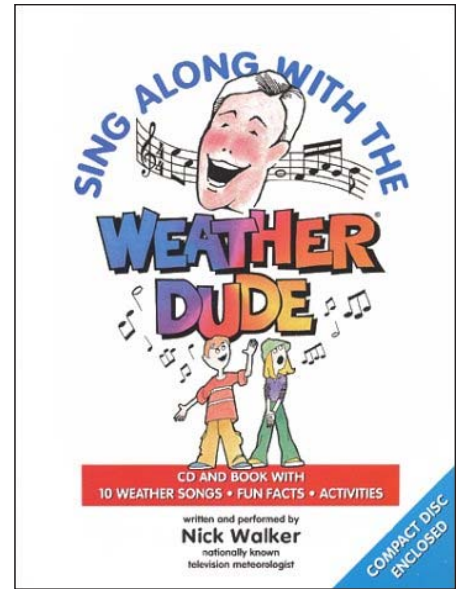
*Cloud Cover*

They’re thin and high, those cirrus clouds mean weather’s looking fair  
 Made up of ice, they look so nice like strands of angel hair.  
 And stratus layers may hang low as a drizzle droplet falls,  
 Or show me puffs of cumulus like soft white cotton balls.

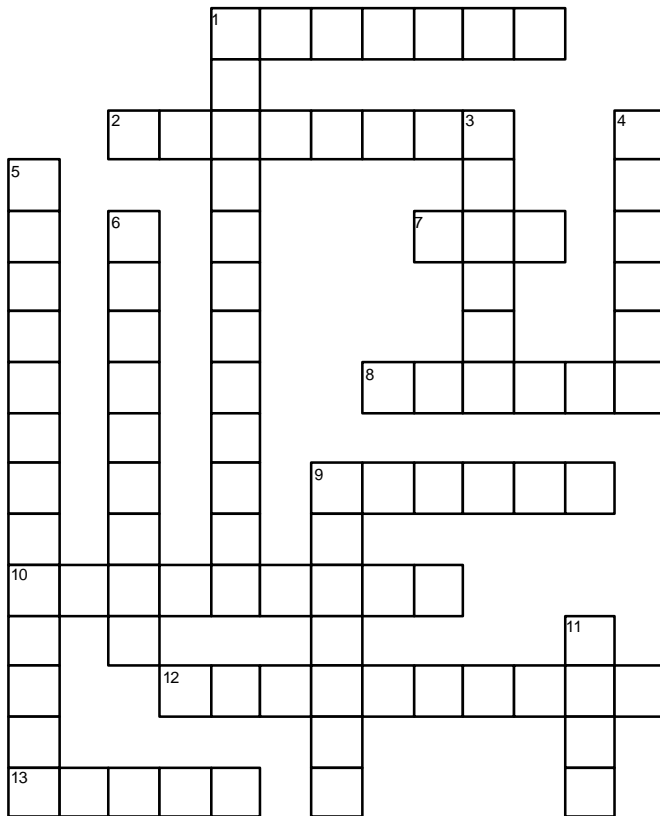
*That’s the Way the Wind Blows*

It might seem funny for you to think  
 The air we breathe can rise and sink.  
 It might be really heavy, it may be light,  
 But molecules of air have weight all right.

Retail price for the CD/Book set is \$15.98. A portion of the proceeds benefits hurricane victims.



For more info and to purchase, visit [www.wxdude.com/order.html](http://www.wxdude.com/order.html).



www.CrosswordWeaver.com

**Answer key:** [www.columbiaweather.com/crossword07.html](http://www.columbiaweather.com/crossword07.html)

◀ *Cloud Crossword Puzzle*

by Debbie Taylor, office manager and crossword expert

Test your knowledge of cloud types and formations. If you need a little help, see the word bank on the preceding page.

**ACROSS**

- 1 General term for vertically developing clouds
- 2 Pouch shaped cloud that protrudes downward
- 7 A cloud whose base is on the earth’s surface
- 8 General term for high clouds composed of ice crystals
- 9 Cloud produced from condensation from a rotating column of air
- 10 Wispy cirrus clouds resembling our equine friends
- 12 Saucer shaped clouds that form above the tops of mountains
- 13 A low, ominous cloud associated with thunderstorms

**DOWN**

- 1 Thunderstorm cloud
- 3 Precipitation caused by a cumulus cloud
- 4 A precipitation forming cloud
- 5 Low level stratus cloud with distinct clumps
- 6 Cloud that is dependent upon a larger cloud for existence
- 9 Scud or cloud tags
- 11 Moisture from clouds