

Cincinnati

The Cincinnati chapter members toured the new studios of WXIX-TV during its December meeting. Rich Apuzzo, lead meteorologist for the Fox affiliate, conducted the tour of the recently renovated century-old building. Stops included the administrative offices, production facilities, the new state-of-the-art control room, and news studio. FOX19 uses the concept of a "working news studio," where the news is broadcast in the center of the working news room. The weather office is integrated into the studio.

Apuzzo was the first television meteorologist to use the Indigo Silicongraphics 3D Earth Watch system in Cincinnati. This weather animation package allows the viewer to "fly" across the satellite picture, through the clouds, and under the clouds to see where it is raining.

Apuzzo explained that hourly satellite images are first redrawn into 3D on a topographically accurate base map. The computer uses gray shades to give the clouds height, but the operator must manually set the

base height. The angle of view and orientation of the map can be easily changed. The operator picks a starting and an ending point for the flight, and the computer derives the motion in between the two points. The viewer then flies toward earth, passes through the cloud deck, and emerges in the shadows beneath the clouds. Radar data is used to produce rain beneath the clouds. The higher reflectivity areas are depicted with heavier rain, and if the reflectivity is high enough, simulated lightning strokes will occur. City names, temperatures, and a variety of other weather data can be displayed beneath the clouds.

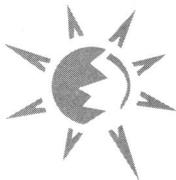
According to Apuzzo, the Earth Watch system is a powerful display tool, but the time required to program a flight prohibits it from being used during severe weather. Apuzzo said that he plans to use other graphics packages to expand the station's coverage during severe weather. This package, combined with the standard digital fax broadcast, is also used for preparing the daily forecast.—*Daniel P. Mullen.* ●



Editor's note:

The March 1946 *Bulletin* included a report on Council action on the secretary's letter (mail ballot) of 9 October 1945. The

Council approved the budget for 1946, a year of considerable uncertainty with respect to both the size of the Society and the rate of post-war inflation, with a somewhat unusual provision. The Budget was reported as follows.



Bull. Amer. Meteor. Soc., 27, 125.

Budget for 1946

The percentages of 1946 income constitute the budget. The budget rule is that the expenditures of each department are limited to the amounts of income thus defined, plus any departmental surplus not expended remaining from the previous fiscal year.

	Est. Total 1945 Income	Secy.-Treas.		Exec. Secy.		Bulletin		Journal	
		Bud- get %	Est. amt. \$	Bud- get %	Est. amt. \$	Bud- get %	Est. amt. \$	Bud- get %	Est. amt. \$
Dues, Regular	\$4,200	43	1,805			57	2,395		
Contributing	325	30	97			70	228		
Professional+Sustaining	13,500	15	2,020	25	3,380	20	2,700	40	5,400
Corporation	2,100	1.5	31	50	1,050	3.5	74	45	945
<i>Bulletin</i> , Advertisements	1,250	10	125			90	1,125		
Sales	300	37	111			63	189		
Subscriptions	4,600	37	1,700			63	2,900		
<i>Journal</i> , Sales	3,000	20	600					80	2,400
Subscriptions	2,900	20	580					80	2,320
Interest, AMS Endowment	400					100	400		
Fund									
Life Membership Fund	90	43	39			57	51		
Special Contributions	—		—		—		—		—
Miscellaneous	—	100	—		—		—		—
Total Income	32,665		7,108		4,430		10,062		11,065
Add unexpended departmental income remaining from previous years.			—		—		—		—
Add, from surplus (incl. Guggenheim and Frier gifts)				100	5,000				
Total available for Ex-penses			7,108		9,430		10,062		11,065