

Weather Students Fly Wired Balloons

By TED SOENS

Little lights dancing across the skies; large circular objects floating in the night—no, this isn't describing flying saucers, nor men from Mars, but weather balloons sent up in the sky to take velocity and direction reading on the upper winds. The data collected helps in making weather predictions.

Poor Response To Cause Trip Cancellation

If 40 persons do not contact Lorraine Dalphin in 137 McElwain, by the middle of this month, the offer of free transportation to Philadelphia for the November elections will be canceled, Miss Dalphin said yesterday.

Only 11 students have answered the ad since it first appeared in the Daily Collegian Sept. 25. The ad stated that the first 50 people to contact Miss Dalphin would receive free transportation to Philadelphia and luncheon there on Nov. 6.

After hearing students advocate absentee voting, Miss Dalphin said she was disappointed with the results of her ad. She said it seemed senseless to charter a bus for fewer than a dozen people.

The offer was made by Richardson Dilworth, Philadelphia city treasurer, who is running for district attorney on the Democratic ticket headed by Joseph Clark. Dilworth made the offer when he heard that many Penn State students did not vote because they could not afford the trip financially or did not want to miss more than one day's classes.

Plans have been made for a chartered bus to leave State College at 7 a.m. Nov. 6 and return at 10 p.m., leaving five hours to be spent in Philadelphia.

Columbus Day Dance Planned

A memorial program and dance open to the public will be held tomorrow night in the West Dorm main lounge to celebrate the 559th anniversary of Christopher Columbus' landing.

The program, sponsored by the International American Club and Circulo Espanol in cooperation with the College committee on international understanding, will begin at 8 p.m. and will last until midnight. From 8 to 8:45 p.m. a memorial program will take place showing the significance of Columbus to Italy, Portugal, Spain, and America. During that time speakers and students from foreign countries will give short talks.

The speaker representing Spain will be Marcos Pio. Carlos Wright from Italy, and Mrs. Antonetta Pundt, of Portugal will present their ideas as to what Columbus Day means in their countries.

Dancing will take place after the program.

Debaters Seek New Members

Candidates for the women's debate team who have not attended previous meetings are asked to report for tryouts at 7:30 tonight in 2 Sparks.

Women who were at preliminary meetings have been assigned individual times for tryouts, according to Lois Pulver, manager.

All candidates will give a five-minute speech for, against, or generally on the topic—Resolved: That the federal government should adopt a permanent program of wage and price control.

The squad is open to all women, regardless of previous debate experience. It carries from one to three academic credits per semester.

The 30 freshman women who attended last week's meeting have been placed on the freshman squad.

Frosh Meeting Tonight

For students who missed the Froth editorial, art, and photography staff meetings, Tuesday night because of the religious holidays, there will be an important meeting at 7 tonight in 2 Carnegie Hall. The next issue will be discussed.

2 Win Free Tickets to Forum

With less than a week remaining in the Community Forum ticket campaign, two students have sold over 25 season tickets apiece, winning free forum tickets for themselves.

They are Bette Richardson, who has sold 36, and Caroline Alley, who has sold 30. Both women are members of Chimes, junior women's honorary, which is promoting the subscription drive.

Calls for Volunteers
Students who wish to sell tickets may contact Marian Morgan at 311 Simmons Hall or Clair George at Tau Kappa Epsilon. A free ticket will be awarded anyone who sells 25 tickets by Monday.

Lois Pulver, in charge of fraternity representatives, has also issued a call for student volunteers. Under her direction, women will visit the fraternities to explain the forum program and sell tickets.

Working with her are Janice Freedman, Deborah Helfand, Barbara Menapase, Alice Murray, Judith Prag, Tally Warm, and Guyla Woodward.

Volunteers, to sell tickets may get in touch with Miss Pulver in 24 Simmons Hall.

Tickets Are \$3

Women's dormitory representatives are: Carolyn Hall, 40 Atherton Hall; Allison Morley, 403 McElwain Hall; Carol Mattner, 301 Simmons Hall; Donna Lee Bane, 317 Simmons Hall; Jill Hiers, 256 Thompson Hall; Audrey Rothchild, 146 Thompson Hall, and Linda Salzburg, Grange Dormitory.

Tickets, priced at \$3, may be exchanged for reserved seat tickets from Oct. 22 until Nov. 1.

Five Speakers

To date five speakers are listed to appear on this year's program. They are Robert Vogeler, victim of 17 months imprisonment in a Hungarian prison; Eric Johnston, economic stabilizer, Arthur Schlesinger Jr., Pulitzer Prize winner and secret service man; Dr. Bernard I. Bell, education consultant, and Kurt Von Schuschnigg, former chancellor of Austria held prisoner by the Nazis.

These balloons, measuring anywhere from three to ten feet in diameter, are released by meteorology students from the roof of the Mineral Industries building. The lights make it easier for the future weathermen to follow the progress of the balloons at night.

Balloons All Colors
Each light, weighing less than a half a pound, is composed of a small battery soaked in water and generating enough current to light a flashlight bulb for a few hours. These batteries are attached to the balloons by wires. Sometimes candles are used, which are placed in cartons shaped like miniature Japanese lanterns and fastened to the balloon.

The students follow the flight by a Theodolite, an instrument shaped like a surveying tool. To make sighting easier the balloons come in different colors; black for cloudy days, red for partly cloudy days, and white for clear days.

They Carry Radiosondes
Everyday in the United States there are some 3000 of these balloons released for meteorological purposes and yet few people have seen any. Two years ago in State College the police force was called out to witness strange objects floating in the skies. Visitors from space was the first thought, but the weathermen soon calmed the crowd.

Usually the ten foot balloons carry radiosondes, weighing about two pounds, which tell the pressure, temperature and humidity. The signal transmitted by the radiosondes is picked up by radio receivers on the ground.

The daily forecasts are made by students. Every day the stu-

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Swim Club to Decide Theme for Aquacade

Voting for the theme of the spring aquacade, given annually by members of the Women's Recreation Association swim club, will be the main item of business at the club's regular weekly meeting at 7:30 tonight in the White Hall pool, according to Barbara Benck, president. Membership in the club is still open, she said.

Inkling Staff Starts Work on Fall Issue

The staff of Inkling, campus literary magazine, has begun preparation of the fall issue of the magazine.

Inkling provides an outlet for those College students who wish to have their literary work published. Prose and poetry are now being considered for the November issue, Florenz Fenton, editor, said yesterday. Contributions may be turned in at the Student Union desk in Old Main.

Two years ago, the Board of Publications realized the lack of culture in the student publications of Penn State and set out to prove to the student body, administration, and general public that the College, with its 11,000 student population could and would support a truly literary magazine. Two other literary magazines had failed, but still they could not comprehend why a school of this size would not support such a publication.

The Board, composed of students, looked to the English composition department with its wealth of literary talent. There they found such writers as Peter Whelan and Helen Jaskol. In the journalism department they found Richard Martz, and in psychology, Seymour Rubenfeld. Here was talent without a media in which to express itself.

Having overcome this obstacle, Samuel Vaughan, who became Inkling's first editor, encountered another. If the Inkling was to be published, it would have to inherit the debts of the previous literary magazines. After long debate, Inkling was chartered by All-College Cabinet, which assisted with funds. Student organizations and other donors contributed to its financial backing. Finally, last May the first Inkling reached the students.

In Vaughan's article in the Inkling, entitled "The Last Word," he said, "... Because we believe, as others did before us, that there are people working creatively at Penn State and people who would enjoy that creativity, we're attempting to provide an outlet for such work."

And the belief was well-founded, for the Inkling was met with approval from students and faculty the campus over.

Scabbard and Blade

Scabbard and Blade military honorary will meet at 7:30 tonight in the Triangle chapter house.

Following the meeting there will be a pledge meeting.

Last Bill of Rights Article Presented

This is the last in a series of articles containing the student Bill of Rights, prepared by the National Student Association, which has been proposed to All-College Cabinet. Paragraphs one to 11 have appeared earlier.

12. The right of students to protection against any unreasonable or arbitrary action by members of the faculty and/or administration.

13. The right of these students to be advised in writing of any charge that might lead to their suspension, expulsion, or other severe disciplinary action; and the right to file an answer; and, at the option of the accused, the right to trial by a body including student representation.

14. The right of students to petition through appropriate channels for changes in curricula, teaching personnel, and policy of the institution and to be consulted through student government regarding changes in the regulations of the institution.

15. The right of students to conduct research freely and to publish, discuss, and exchange any findings or recommendations whether individually or in association with campus, local, national, or international groups on or off campus.

16. The right of students to exercise freely their full rights as citizens in off-campus activities in connection with local, national, or international organizations for intellectual, religious, social, political, economic, or cultural purposes and to publish and distribute their views without impairing their standing in the institution provided they do not claim to represent the institution.

17. The right of all students to enjoy these rights without regard to race, color, sex, national origin, religious creed or political belief.

Composition Exemptions Are Named

The English Composition department has announced the exemption of the following students from taking English Composition 1. To be exempt students must pass an English usage test.

Exempted students are: Edward Austin, Carolyn Baer, Ross Barnard, Finette Barkel, Lyle Barnard, Patricia Beahan, Dawn Beidler, Joyce Beiber, William Bleckley, Tamisa Bloom, Barbara Bollinger, John Booser, Thomas Brasher, Virginia Lou Breneman, Carter Brooks, Judith Brown, Lorraine Cosbosco, Patricia Collins, Sanford Cook, James Cooper, Moses Cornwell, Sheila Craig, Ann Cunningham, Richard Davidson, Nicholas Dinos, George Dreibebeis, Donald Eberhart, John Eiler, Barbara Estep, Fred Frankel, Gertrude Franz, Frederic Freeman, Charles Fried, Max Frohwein, Elissa Garner, Richard Gelatt, Rose Gelia, Elizabeth George, John Gilbert, Karen Gold, Sidney Goldblatt.

Barbara Gooding, Evans Gooding, Leonard Goodman, Robert Green, Elaine Gutman, William Happersett, John Harhish, Albert Harman, Ellis Earned, Veronica Harris, Richard Hayes, Mary Heckman, Marie Heller, Janice Holm, Dona Hooper, Stanley Horst, Spencer House, Doris Humphrey, David Hutchinson, Carolyn Johnson, Marilyn Johnson, Katherine Jolley, Elaine Jurey, Leonard Juros, Marion Kalbach, John Kiffin, Gertrude Kittelberger, Kenneth Kreage, Jean Kutz, Paul Lapinski, Barbara Lapsley, Larry Large, James Lloyd, Margaret Lloyd, Barbara Lock, Mary Loubric, Carl McGrew, Shari Marcus, Martha Macdonald, Robert Meek, Phyllis Mermelstein.

Jane Metz, William Metz, Raymond Meyer, Earl Michael, Chester Moody, Lee Myers, Judith Newman, Alice Noble, Toby Numerosky, Winston Orben, David Overmier, Loa Packard, Anne Pflaumer, Jeanne Phillips, Sandra Post, James Quigley, Jacquelyn Bearick, Carl Reber, Elizabeth Rice, Sheila Suzanne, Emil Runkak, Mary Jo Ryerson, Suzanne Santee, Robert Schlegel, Robert Schoonmaker, Frank Schweitzer, Emmalyn Schwing, Marjorie Seward, Judy Sherman, Rosemary Short, H. Arthur Simm, Barbara Simonds, James Simpson, Samuel Smith, Robert Smoot, Robert Solomon, Jon Spaulding, Gordon Steiner, Robert Sutter, Eunice Swank, Robert Wigna, Nancy Ward, Susan Winfield, William Wohlhieter, Mary Yandow, Rose Marie Yanni.

Eng Council Supports New Tribunal Ratio

Engineering Student Council voted Tuesday night to back the proposed Tribunal ratio change before All-College Cabinet whereby five seniors, four juniors and one sophomore would be included on the men's governing board.

The council also received a strong vote favoring a football half-holiday Nov. 26 following the Pitt game Nov. 24. A Saturday morning holiday following the Villanova game had been previously suggested, but action was postponed in belief that too few students had Saturday classes to benefit from it.

A recommendation that proceeds from the annual Spring Carnival go to form a student scholarship fund was passed and will be taken to cabinet. Proceeds from last year's carnival are still idle in a bank fund.

The council decided to support cabinet plans for a Student Promotion Agency, non-profit organization to handle publicity for all campus activities.

Charles Falzone, president of the council, appointed Lawrence Schniepp representative to the campus Religion-in-Life-Week committee.

Final plans were made for a mixer to be held at 7 p.m. tomorrow at Tau Kappa Epsilon fraternity. The mixer is open to all engineering faculty members and the council.

Atomic Commission Offers Fellowships

The largest fellowship program in the country will be sponsored by the Oak Ridge Institute of Nuclear Studies during the coming academic year.

The Atomic Energy Commission's National Fellowship program has provided for 326 predoctoral and 41 postdoctoral fellowships awarded for study at institutions in this country and in six European institutions.

The awards were given in the physical, biological, and medical science fields with the provision that the candidate, on completion of his studies, would be especially suited for employment by the Atomic Energy Commission or one of its contractors.

New Ag Bulletin Reports Findings

The new annual report of the Agricultural Experiment Station, Bulletin 540, reports new research findings in more than 100 lines of endeavor.

In addition to experiments in crop and livestock production, the new issue of Science for the Farmer includes studies pertaining to marketing and consumer interest.

The color cover features the new "keystate" hybrid tomato, produced by plant breeders of the station.

Copies of Science for the Farmer are free to residents of Pennsylvania and may be obtained either at county agricultural extension offices or from the School of Agriculture.

Phi Eta Sigma To Hold Initiation

Phi Eta Sigma, freshman men's scholastic honorary, will hold initiation ceremonies tomorrow night at Theta Kappa Phi fraternity.

The ten men to be initiated are Barry Anthony, Nguyen Ban, Paul Brobst, Jean D'Andre, Ralph McConnell, Norman Moentmann, Ideal Saldi, Thomas White, Richard Witney, and Perry Yocom.

An All-College average of 2.5 is required for membership of the fraternity.

Capacity Crowd

The Nittany Lions will be playing before a capacity crowd this Saturday afternoon in Lincoln, Neb.

Band Day is scheduled at the University this Saturday and the University of Nebraska announced a sell-out of Penn State-Nebraska tickets.