The Weather
Mostly cloudy today, preceded by local showers in extreme east portion; tomorrow cloudy.

The Michigan Daily

Editorials
With Love From Son . . .
Toward A Better Dramatic Season . . .

VOL. XLVI No. 180 ANN ARBOR, MICHIGAN, SUNDAY, JUNE 7, 1936 PRICE 5 CENTS

Deputies Give Vote Of Faith To Leon Blum

Confidence In Premier's Ability To Remedy Social Unrest Is Expressed

Pickets, Republican Guards Embattled

More Than Million Out On Strike; Blum Presents Policies To Chamber

PARIS, June 6.—(AP)—The French Chamber of Deputies tonight voted its confidence in the efforts of Leon Blum's government to remedy social unrest. The vote was 384 to 210.

PARIS, June 7.—(AP)—A fight before a besieged newspaper plant between pickets and republican guards and an uproarous Chamber of Deputies session heightened the strike fever last night in France, where a million men and women are idle.

Rioting followed shortly after Premier Leon Blum announced in the Chamber of Deputies the new Left-wing Government's "New Deal" program for French labor, which would put into effect labor and social security reforms, institute new taxes shifting the tax burden and alter France's fiscal and banking policies.

Students Fight

Students and police fought in the Latin Quarter in an outburst of violence.

A tremendous uproar was created in the Chamber when Xavier Vallat, acting as speaker for the extreme Right, said: "For the first time in history, this Gallo-Roman country will be governed by a Jew."

Blum arose and walked out of the room.

His new cabinet, composed of Socialists and Radical-Socialists, started cheering him. Leftist deputies joined in the cheers.

Rightists shouted at Premier Blum: "Go to Moscow!! Go to Moscow!"

Vallat charged that Blum had "entirely surrounded himself with Jews."

Blum Returns

Communists started to rush the Rightist benches, but were halted by sergeant-at-arms.

After walking out of the Chamber, Blum returned in a din and shout to take his seat. Vallat returned to the attack despite screams from the Left.

"I have nothing against Jews, but I assure you there are millions of peasants who are not in favor of studying the Talmud!"

Former Premier Edouard Herriot, newly-elected president of the Chamber, arose from his chair to shout: "I know neither Catholic nor Protestant nor Jew—I know only Frenchmen!"

Nine Killed In Oklahoma And Kansas Storms

Tornadoes And Lightning Add To Suffering From Extensive Floods

OKLAHOMA CITY, June 6.—(AP)—Twisters, floods, lightning, hail and torrential rains left nine persons dead in Oklahoma and Kansas today and caused widespread property damage and suffering.

Tornadoes that roared into isolated Oklahoma communities killed five and one man drowned. Lightning bolts felled the other three.

Twelve patients in a Waurika hospital missed injury today when a tornado ripped the roof from the building, then dropped it back, broken.

Nurses, seeing the oncoming twister, carried patients to the lower floor where they escaped injury.

Another twister struck today at nearby Hastings, killing a farmer's wife, overturning three business buildings and wrecking homes.

Floods on four rivers, two of them serious, added to the havoc of rain, hail and lightning which swept across Oklahoma during the last 48 hours.

Three railroad bridges across the Cimarron River were damaged and highway bridges were out in several sections. Crops suffered from hail.

TEXAS EXPOSITION OPENS

DALLAS, Texas, June 6.—(AP)—Booted Texans in ten-gallon hats—many for the first time—threw gates open today on their $25,000,000 Centennial Exposition amid pageantry, impressive ceremonies and the cries of midway barkers.

Program Of G.O.P. National Conclave Will Start Tuesday

CLEVELAND, June 6.—(AP)—Here are the high spots on the Republican National Convention program. (Time is Eastern Standard).

Tuesday, 11 a.m., Henry P. Fletcher, National Committee Chairman, to call convention to order. Election of temporary officers and selection of committees to follow.

Tuesday, 8 p.m., Keynote speech, by Senator Steiwer of Oregon.

Wednesday, 11 a.m.—Reports from rules and credentials committees, and action on them; election of permanent chairman and an address by him.

Wednesday, 8 p.m.—Talk by former President Herbert Hoover; report of platform committee and debate and vote on platform.

Thursday, 11 a.m.—Nomination speeches for President; balloting for president.

How long the convention will last after this session depends upon the length of the fight for the Presidential and Vice-Presidential nominations. Speeches for Vice-Presidential nominees will start as soon as a Presidential candidate is chosen. After the candidates are selected, the only remaining business is the appointment of a notification committee.

Marley's Topic To Be 'Legion Versus Church'

St. Andrew's Will Hear Hayden's Address On Philippine Missionaries

The Rev. H. P. Marley will talk on "The Black Legion or the Church—Which?" at 11 a.m. at the morning service of the Unitarian Church. This will be the last service before the opening of the Summer Session.

At the Holy Communion service at 11 a.m. in St. Andrew's Episcopal Church, Prof. Joseph R. Hayden of the political science department will speak on "The Episcopal Missions in the Philippines." A celebration of the Holy Communion will be held at 8 a.m.

The Church of Christ and the First Congregational Church will hold a Union service at 10:30 a.m. in the Congregational Church. The Rev. Frederick Cowin will preach, and music will be under the direction of Thor Johnson.

"Be Like A Tree" will be the subject of the sermon of the Rev. C. W. Brashares at 10:45 a.m. in the First Methodist Church. The Wesleyan Guild meeting is at 6 p.m. at the Earhart Estate with Prof. Bennett Weaver of the English department speaking. Those desiring transportation will meet at Stalker Hall.

The morning service of the First Presbyterian Church will be held at 10:45 a.m. with the Rev. William P. Lemon speaking on "The Religion of an Idealist."

St. Paul's Lutheran Church will hold a Divine Service in German at 9:30 a.m. At 10:30 a.m. will be a preparatory service for celebration of the Holy Communion at 10:45 a.m. The Rev. C. A. Brauer will have as sermon topic at this service, "Why Are We Trinitarians?"

At 10:45 a.m. the Rev. R. Edward Sayles will speak on "Some Lost Secrets" at the First Baptist Church, and the Communion Service will follow. The Roger Williams Guild will hold its last meeting of the semester at 6 p.m. in the Guild House.

Half Of Senior Engineering Class Is Definitely Employed

By WILLIAM R. SIZEMORE

At least 50 per cent of this year's graduates in every department of the College of Engineering are already definitely placed and a majority of the remainder can expect to obtain jobs in a few weeks, according to reports from professors in charge of employment for senior engineers.

Prospects for mechanical engineers are better this year than any year since 1929 declared Prof. H. C. Anderson in a statement to The Daily yesterday. Not only is the number employed practically up to the standard of that year but the wage level is almost on par with the last year of the boom, he added. Professor Anderson was particularly optimistic in regard to demands for future mechanical engineering graduates.

Only three members of the civil engineering class are yet without employment according to a report from that office. Of these, the report said, two have been definitely offered work. State highway departments take more men in this field than any other employer, the civil engineering office stated.

Exactly one half of the 40 June graduates in electrical engineering are definitely signed up for places in industry, several more are in the tentative offer state and will probably be taken care of before Commencement, and the majority of the rest should secure suitable positions before the summer is far advanced, announced Prof. A. D. Moore yesterday.

Professor Moore added that the total number of calls for men has turned this year into a normal recruiting season and that although fewer men are needed by individual companies, there has been an increase in the number of concerns asking for men. Beginning wages of more stable corporations, according to Professor Moore, are being raised to compare favorably with those of 1929. Jobs for the summer for undergraduates have been obtained to a certain extent declared Professor Moore. In general, he concluded the situation this year represents the normal turn-over.

Sixty per cent of this year's aero seniors are already placed and before the end of the term practically all of the remainder of the 30 aeronautical department. Twenty per

(Continued on Page 2)

Detroit Widow Will Aid Police In Legion Quiz

Husband's Body Found On Lonely Road, Bruised, Bullet-Ridden

Black Cult Believed Guilty Of Murder

Brother Of Slain Man Refused To Give Clue Regarding Mystery

DETROIT, June 6.—(AP)—The young widow of John L. Bielak set out today to help State Police gather information regarding the slaying of her husband, an automobile worker who she thinks was killed by Black Legion terrorists.

Mrs. Wanda Bielak, 25, said she was trying to locate her husband's brother Joe Bielak, who told her at John's funeral that he "knew something but was afraid to talk."

Find Body

Bielak's bruised and bullet-marked body was found in March, 1934, on a lonely road near Monroe, Mich. State Police renewed their investigation of the slaying, reported unsolved, after the expose of Black Legion activities here and the arrest of 15 men on murder charges in connection with the shooting of Charles A. Poole in a roadside ditch.

Under Bielak's body was found a clue—a membership application card for a local of the Automobile Workers Union. In his pocket was 56 other cards. Bielak worked at the Hudson Motors Car Company.

"It was all a mystery to me," Mrs. Bielak said. "I couldn't connect the application with his death.

Suspects Black Legion

"I couldn't figure out what his brother Joe meant when he said to me at the time of the funeral that he knew something but was afraid to talk. But now it is all clear. I feel it was the Black Legion and I hope they find the ones who did it and give them plenty."

Mrs. Bielak, who was married in 1930, said her husband came here from Toledo, O., seven years ago. She has a child, Dolores.

Speaker Byrns Is Laid To Rest In Tennessee

NASHVILLE, Tenn., June 6.—(AP)—Joseph W. Byrns took his place among Tennessee's great today while President Roosevelt joined Tennesseans in solemn tribute at funeral services for the late Speaker of the House of Representatives.

From all walks of life 40,000 persons came to pay their last respects to the man who served his state with distinction during 40 years of public life.

Over his flag-swathed casket such eulogies as have rarely been accorded a Tennessean were spoken while President Roosevelt, Secretary of State Hull and Mrs. Hull, Postmaster General Farley and a number of other dignitaries listened in silence.

With the President's party was a Congressional delegation of 60 representatives and 14 senators. Many of the congressmen had worked with the late speaker, who died suddenly Thursday, for most or all of his 27 years in the National House.

Bills Rushed As Congress Nears Close

Action Commenced On 5 Big Bills; Recess Will Start Monday

Additional Major Action Is Unlikely

Hastings, Metcalf Accept Key Tax Bill Conference Appointments

WASHINGTON, June 6.—(AP)—With the bitter scrap over the key tax bill transferred to a Senate-House conference, Congress set out today to sweep legislative odds and ends from the path of adjournment.

Leaders viewed the extremely unlikely passage of any additional major legislation.

They planned to obtain action on five big bills now in conference, or on which conferees have agreed, disposed of some secondary measures, then wind up the Congressional session shortly after mid-June.

Houses Mark Time

In a rare Saturday meeting, the Senate acted on a series of bills, mostly minor, then began marking time with the House until Monday, when both chambers will recess for a week.

One of the more important measures approved and sent to the House would reduce large benefit payments to farmers under the new farm program.

For the first time this session, capitol corridors and offices presented a deserted appearance. Nearly three score Congress members were attending funeral services in Nashville for the late Speaker Byrns. Many more were pulling out for the Republican National Convention starting Tuesday.

During the recess over the convention period, conferees on the tax bill and the deficiency-relief, District of Columbia and Interior Department appropriation bills will have an opportunity to attempt reconciliation of Senate-House differences.

Expect Delegates

One of the first Senate actions today was appointment of two Republicans to the tax bill conference committee. Senators Couzens of Michigan and Keyes of New Hampshire had refused to serve, but today Hastings of Delaware and Metcalf of Rhode Island accepted appointment.

The House is expected to name its conference delegation tomorrow.

A protracted conference now appeared probable because of the drastic Senate revisions of the House bill.

Senators Black (Dem., Ala.) and LaFollette (P., Wis.) who battled on the Senate floor for higher undistributed corporation profits taxes, were planning a renewal of the battle in the conference. They withdrew an amendment yesterday to insert steeper levies on undivided profits upon assurance that the conferees would consider it.

Miss Winwood To Go To Hollywood

Estelle Winwood, now co-starring in John Van Druten's "The Distaff Side" with Blanche Yurka at the Lydia Mendelssohn Theatre, has just been engaged by Miss Tallulah Bankhead to be featured with her on the West Coast in George Kelly's new Play, "Shooting The Stars," which will be brought to New York for early fall production.

The production will open in Los Angeles on July 20, and will move to San Francisco after a six-weeks engagement. George Kelly is the author of "Show Off" and a number of other New York successes. Miss Bankhead, together with the picture director George Cukor, have been talking with Miss Winwood from the Coast by long distance during her stay in Ann Arbor, and last night the final contract was signed.

Cardinal Dougherty Attacks Black Cult

VATICAN CITY, June 6.—(AP)—The "Black Legion" was condemned here today by Dennis Cardinal Dougherty of Philadelphia, and he predicted its early death.

"It will fall to pieces as soon as it is dragged out into the sun," he remarked following a half-hour visit with Pope Pius.

Cardinal Dougherty said he read about the Legion's discovery in Detroit upon his arrival in Europe and that it "seemed incredible."

"The organization seems to be a revival of the Ku Klux Klan," he said, "embracing the same kind of people and thoroughly unamerican."

He discussed ecclesiastical affairs with the Pope.

New Amateur Band Transmitter To Be University's Radio Voice

Messages In Phone, Code On Pair Of Wave Lengths May Be Sent

By WILLIAM E. SHACKLETON

Amateur radio operators the nation over will soon be tuning in on a new voice for the University, a voice whose motivating mechanism will be a recently completed 20- and 80-meter band transmitter.

Both phone and code (dot, dash) messages on the two bands will be transmitted under the call letters of W8AXZ, which is the designation of the present University code station also. The R.O.T.C. Signal Corps is expected to be the principal user of the new transmitter, although the electrical engineering department, under whose facilities the transmitter has been built, will use it for various experimental purposes.

20 Watt Output

Two-way communication with the University surveying Camp Davis, with expeditions in the Near East and Central America, with Arctic explorers and with many other activities of the University are among the possible applications of the new transmitter. Prof. L. N. Holland of the electrical engineering department listed.

The rated power output of the transmitter will be 20 watts, expected to be sufficient to carry the 20-meter code calls to the other side of the world. The phone calls, however, will require more power for a similar distance.

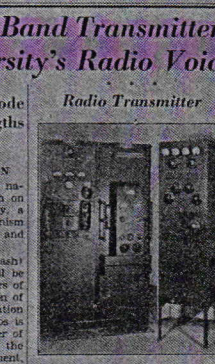
Product Of NYA

A product largely of NYA labor, the transmitter was designed by W. C. Gorgin, Grad., and Professor Holland. These two also supervised its construction. A technical report upon the details of the structure and its operation has been made by Newell D. Sampson, 36E, and it is from this report that most of the following description has been drawn.

"After the 'kinks' have been taken out of the transmitter by a process of tuning and trial-and-error adjust-

(Continued on Page 3)

Radio Transmitter



—Courtesy W. C. Gorgin.

A front view of the new electrical engineering R.O.T.C. radio transmitter, together with the speech amplifying, monitor, power output panel and meter panel equipment, is shown here. The transmitter, whose five shelf levels can be seen, is on the right.

Large Benefit Payments Are Cut By Senate

Publication Of Wallace' Old AAA Totals Results In Curtail Demands

WASHINGTON, June 6.—(AP)—Spurred on by President Roosevelt and Secretary Wallace, the Senate acted swiftly today to curtail large benefit payments under the new agricultural adjustment-soil conservation program.

A bill by Senator O'Mahoney (Dem., Wyo.) to provide a graduated scale of benefit payments was approved without a record vote and sent to the House, where a similar measure has been introduced by Chairman Jones (Dem., Tex.) of the agriculture committee.

It would cut 25 per cent off benefit payments between $2,000 and $10,000, and cut in half that portion of payments above $10,000.

This was a more drastic reduction than proposed by Wallace in a letter to the Senate Agriculture Committee a few days ago. Wallace proposed cutting one per cent off payments from $2,000 to $3,000, and one per cent additional for each $1,000 up to $51,000, with half of all above that lopped off.

Demands for curtailing large benefit payments arose after Wallace, responding to demands from Senator Vandenberg (Rep., Mich.) made public some of the larger amounts paid under the old AAA program.

President Roosevelt took no action at that time, but early this week he proposed the graduated benefit payments system in connection with new sugar legislation and suggested it might be studied for all AAA payments.

More Business Grads Wanted For Industries

Definite offers of employment for graduates of the School of Business Administration are more than double the number of those graduating this year, Prof. Rodney Boothey, acting dean of the school, announced yesterday. More than 80 per cent of the seniors have already accepted positions, he added.

As indicative of the wide-spread field of the apparent revival in industry a few of the firms which have proffered positions were cited. Among these were sugar, automobile, calculating machine, tire, battery, camera, electric appliance and pharmaceutical materials manufacturers, banks, meat packers, department stores, milling companies and mail order houses.

Commencement To Be June 20 At Ferry Field

Summer Session To Start June 29; Regular Term Begins September 28

Commencement, final activity of the regular University year of 1935-36, will be held Saturday, June 20, at Ferry Field. The Summer Session starts June 29, and the regular year of 1936-37 will begin Sept. 28.

The procession of graduates and others who will receive degrees at Commencement will enter the Field at 5:20 p.m., according to Prof. Lewis M. Gram, marshal of the commencement parade. Tickets to the ceremony may be obtained at Room One, University Hall.

In case of rain June 20, Commencement will be held in Yost Field House.

Complete details of Commencement will be found in the Daily Official Bulletin, on pages three and four.

President Ruthven will give the address, rather than an outside speaker, the Board of Regents decided recently.

The Auto Ban, according to Walter B. Rea, assistant to the dean of students, will be lifted in the literary colleges at 4 p.m., June 18, the last day of examinations. For Law School freshmen, however, it will be lifted tomorrow, and other classes in other schools and colleges have varying times of lifting the ban, all of which will be found in the D.O.B. on page four.

The Summer Session concludes Aug. 21. Registration for next year begins Sept. 24, lasting three days. Information regarding courses and standings in the University will be sent to students, according to University officials, shortly after the examination period.

Presbyterians Start To Build Church Monday

The ritual of breaking of ground for the new Presbyterian Church building will take place at 7 p.m. tomorrow at the site of the new church, 1432 Washtenaw Ave.

The actual service will be preceded at 5 p.m. with a box luncheon in which all the families of the church will take part. At 7 p.m. the ritual itself will start.

The Rev. W. P. Lemon will be in charge of the service which will open with a responsive reading on the part of all the officers of the church and the University of Michigan Presbyterian Corporation, a statewide body. This will be followed by the turning of the first spade of earth by Prof. W. C. Hoad of the Engineering College, chairman of the building committee, and the turning of the second spade by Mrs. J. B. Edmondson, representing the women of the church. The service will be closed by the singing of hymns and a prayer.

Others taking part in the service besides the above named are the Rev. Dr. Henry Pischer of Saginaw, president of the University of Michigan Presbyterian Corporation, and Dr. Warren Hall of Wyandotte, a member of the executive committee of the organization.

Cleveland Ready For Hot Fight

Senator Vandenberg Will Refuse To Accept Vice Presidential Bid

Anti-Landon Forces View Consolidation

Knox And Borah Deny Coalition Against Kansan Already Exists

CLEVELAND, June 6.—(AP)—With bitterness mounting and increasing talk of efforts to "Stop Landon," Republicans today whirled into a pre-convention week-end that produced new signs of a free-swinging fight not only over the presidential and vice-presidential nominations but the platform as well.

The sudden announcement of Senator Vandenberg, of Michigan, that he would not accept a second place on the Republican ticket headlined a day of many other developments. Concededly, his statement threw the vice-presidential race into a jumble.

Spreading talk was heard of the possibility of a coalition to halt the march of Gov. Alf M. Landon of Kansas. Into these discussions the name of former Gov. Frank O. Lowden of Illinois entered prominently. At his home, Lowden declined to comment.

Vandenberg Withdraws

Responsible leaders of the rival clans here likewise were chary of quotable confirmation. From the headquarters of both Col. Frank Knox of Illinois and Senator Borah of Idaho came reiterations that they had joined no such consolidated drive.

These mushrooming reports and counter-counts were spread against a background of mounting first-ballot claims by Landon supporters. They ranged from 400, the latest high set by John D. M. Hamilton, spokesman for the Kansan, to better than 502, or enough to nominate him on the initial polling of delegates.

The definite withdrawal of Vandenberg from the vice-presidential lists carried wide implications. It was the concensus of many here that the Michigan Senator could have had a second place on the 1936 ticket for the asking.

The implications spread into the presidential field as well. How much, if any, the Vandenberg announcement hurt the Landon drive was a matter of speculation. Many Landon boosters had spread assertions that a Landon-Vandenberg ticket would be an attractive one.

Delegates Pour In

Despite the uprolling claims of Landon strength as delegates poured into the city in ever-increasing numbers, all else was not completely serene in the Kansan's camp.

It became more and more evident that a battle was in prospect—whether in private session or in the open—over the formation of a platform. Recent proposals for a fiberglass platform appeared likely to draw fire from some Landon supporters in the East.

Speculation spread ever wider as to whether William Allen White, Emporia, Kan., editor, who is generally expected to speak for Landon on the platform committee, would press a proposal for a Constitutional amendment to allow the states to enact minimum wage and other such labor legislation.

White has hinted broadly at such a possibility, saying that to come forward with an amendment might beat the Democrats to the punch.

Hayes Objects

Meantime, new fire was drawn from the Knox and Borah camps at the escalator claims of delegate strength by Landon supporters.

After voicing new big objections to such statements in behalf of the Kansan, Edward Hayes, chairman of the Knox-for-President committee, took another fling at Landon himself. The Republicans could not carry Illinois, said Hayes, "If we have to start off every speech by apologizing for the fact that our candidate has supported the New Deal."

Hayes also raised his own previous forecast of 230 votes for Knox on the first ballot to a possible 261.

Carl Bachmann, head of the Borah clan, took exception only last night to claims by Hamilton that Landon would garner some of the Oregon votes.

PUBLICATION SUSPENDED

With this issue, The Michigan Daily suspends publication until the fall. The Summer Daily will begin publication Monday, June 29.

Course In Far East Is Given By University

Program Leading To B. A. In Oriental Civilizations Offered To Students

The University of Michigan is meeting the growing interest in the East by offering a unique, interdepartmental degree course in Oriental Civilizations, according to members of the committee in charge of the project.

The United States is said to be drawing closer and closer to the East, a fact which is made increasingly evident by the establishment in 1925 in American colleges and universities of over 200 courses pertaining to the Far East alone, the committee members said.

Students at the University, during their freshman period of catalog thumbing, are prone to think in terms of departments, but the student interested in the East, either for study here or work there, has the opportunity of getting a broad acquaintance with Asia through the courses of nine departments of the literary college. National authorities in Oriental studies for the past two years have presented every phase of this vast field.

Prof. Joseph R. Hayden of the political science department, Prof. Robert B. Hall of the geography department and Dr. John W. Stanton of the history department are members of the faculty group presenting this complete program. Prof. Charles F. Remer of the economics department, Dr. William H. Worrell, Professor of Semitics, Prof. Roderick D. McKenzie of the sociology department, Dr. Carl E. Guthe and Dr. Fred Eggan both of the anthropology department, Miss Adelaide A. Adams of the fine arts division and Prof. Mehmet Aga-Oglu of the Islamic arts department are other members of the board.

A student may specialize either in one region, such as the Near or Far East, or in one phase, for example, economics or geography of Asia.

This course, which transcends department lines provides a really extensive and intensive study of the Orient, which is becoming increasingly important politically and economically to the United States.

3 Ships Wrecked Off Newfoundland

(By the Associated Press)

A schooner sunk, a Norwegian freighter was believed a total loss, and another crammed mail was later refloated today in the North Atlantic or its coastal waters.

The Canadian schooner W. Dicks, bound to St. Pierre et Miquelon with 80 tons of coal, sprang a leak 25 miles off Pointe-Probe, Magdalen, and sank. The captain and crew of four men reached shore in a dory after rowing 17 hours.

The 1,137 ton freighter Magnhild went ashore at Mistaken Point, near Cape Race, Newfoundland, in a dense fog. Her crew of 30 escaped ashore, but the ship is expected to be a total loss.

Another Norwegian boat, the Eva, 1,197 tons, grounded on Fog Point, near Port Greville, N.S., in the Bay of Fundy, but was later refloated and towed to Parrsboro, N.S., for inspection.

Upswing Is Reported In May's Building Activity

WASHINGTON, June 6.—(AP)—A "widespread upswing" in building activity was reported today in a special Commerce Department survey.

Gathering statistics in 189 representative cities, the department said the number of building permits issued in May increased 76 per cent over the same month a year ago.

This gain, the survey said, was a broad enough sample "to give it the significance of an adequate cross section."

In dollars, the building permits total jumped from $36,254,262 to $63,829,408 in the cities surveyed.

The report said, "The first two cities in the volume of permits in May were New York and Los Angeles."

Cleveland Auditorium Agleam For Republicans



—Associated Press Photo.

The site of next week's Republican convention has been refurbished inside and out for the event at a cost of more than $300,000, mostly from Federal relief funds. Hence this WPA sign as workmen put the final coat of white paint on the marquee.

Rescuers Seek Iowa Victims Of Explosion

Tangled Debris Of Four Business Buildings Are Searched In Tama

TAMA, Ia., June 6.—(AP)—Rescue workers lugged at the tangled debris of four business buildings tonight in search of victims of an explosion which injured critically at least seven persons shortly before noon.

Somewhere in the wreckage they expected to find the body of a missing boy, and possibly others.

A hail of broken glass blown out when the blast tore the buildings apart had cut more than 30 persons in the business district.

The body the rescue workers expected to find was that of Billy Bartling, son of Mrs. William Bartling, of Toledo, Ia.

As firemen pulled Mrs. Bartling from beneath a pile of bricks and timber, she was crying:

"Where's Billy? Where's my boy? Find the lost one!" she moaned.

The known critically injured are: John Hess, Mrs. Lyle Mooney and Clifford Hill, all of Tama, Mrs. William Bartling and Hugh McDonald, both of Toledo; Joe Zeman, Tama, and Selmer Nelson, Gilman.

The explosion, Fire Chief Henry Anderson said, occurred probably in the Gamble store, a two-story brick building. "How it was simply turned into a pile of bricks, timber and stock with part of the roof on top."

Virtually every window along the block was shattered and bricks and timbers were hurled a half block across the railroad tracks.

DAILY OFFICIAL BULLETIN

SUNDAY, JUNE 7, 1936
VOL. XLVI No. 178

Notices

Commencement Tickets: Tickets for Commencement, Alumni Banquet, Alumni Luncheon, and the programs for Commencement Week may be obtained upon request at the Business Office, Room 1, University Hall. Only two Yost Field House tickets are available for each Senior and it is requested that each Senior please present his or her diploma receipt when applying for tickets.

University Commencement Announcement: The University Commencement exercises will be held on Ferry Field, Saturday afternoon, June 20. The gates open at 4:45 p.m. Audience should be seated by 5:30 p.m., when procession enters the field.

The voice-amplifying service will be interfered with by outside sounds, and the audience is therefore requested to avoid conversation and moving about. Automobile owners are asked kindly to keep their machines away from the vicinity of Ferry Field during the exercises.

Tickets may be secured at the Business Office, University of Michigan, Room 1, University Hall, until 5:30 p.m., Saturday, June 06. All friends of the University are welcome to tickets. There will be no admission without tickets.

In case of rain, the exercises will be transferred to Yost Field House, to which the special Yost Field House tickets only will admit. These tickets are also available at the Business Office, Room 1, University Hall, University of Michigan, and will be issued 2 to each graduate. The Ferry Field ticket will not admit to Yost Field House.

If it becomes necessary to transfer the exercises from Ferry Field, outdoors, to the Field House, indoors, after the exercises have started, persons will be admitted to the Field House without tickets until the seating capacity is exhausted.

If it is decided, in advance of starting the procession, to hold the exercises in Yost Field House, the power house whistle will be blown between 4:30 and 4:45 p.m. on Commencement afternoon.

H. C. Watkins, Assistant Secy.

Piano for Commencement. Commencement, Saturday, June 20, 6 p.m. Weather fair. Time of assembly, 4:45 p.m.

Places of Assembly:

Members of the Faculty in Angell Hall, Room 3223 Rhetoric Library where they may robe.

Regents, Ex-Regents and Deans in Angell Hall, Room 3011, the Regents Room.

Students of the various schools and colleges, as follows:

Literature, Science and the Arts on Main Diagonal walk between Library and Engineering Buildings.

Education on walk North side of Physiology and Pharmacology Bldg.

Engineering on Main Diagonal walk in Engineering Court.

Architecture on Main Diagonal walk in Engineering Arch (behind Engineers).

Medical on diagonal walk between Chemistry Building and Library.

Nurses on diagonal walk between Chemistry Building and Library (behind Medics).

Law on East and West walk, West of the intersection in front of Library.

Pharmacy on East and West walk, West of the intersection in front of Library (behind Law.)

Dental Surgery on North and South walk in rear of North wing of University Hall.

Business Administration on walk in front of Physiology and Pharmacology Building.

Forestry and Conservation on walk in front of Physiology and Pharmacology Building (behind Bus. Ad.).

Music on diagonal walk from Library to Alumni Memorial Hall, near Library.

Graduate on East and West walk West of Library entrance.

Honor Guard at Waterman Gymnasium.

Line of March, State Street to Ferry Field.

Weather Rainy: The sounding of the University Power House siren at 4:30 to 4:45 will indicate that the

(Continued on Page 6)

New Amateur Band Transmitter To Be University's Radio Voice

(Continued from Page 1)

ing, the new unit will be incorporated with a speech monitor and amplifier, power supplies and controls and modulator equipment. These latter, which occupy more space than does the actual transmitter, will contribute not a little to the job of operating the set-up.

In the transmitter's oscillator stage, starting point of the electrical impulses which will eventually be modified and amplified form go out into the air, four different crystals are used to hold the vibrations exactly on their respective frequencies. To render the code and phone transmission interchangeable requires a pair of crystals for each wave length.

However, one pair of the crystals are of the 40-meter band type, since a crystal suitable for 20-meter wave length would be too thin for reliable operation. In the next stage of the transmitter, called a doubler, the frequency of these 40-meter vibrations is doubled, thus reaching the wave length to the 20 meters desired. When 80-meter transmission is being used, the doubler stage acts as an amplifier.

The power supply for the oscillator stage which uses a type 47 tube, is located along with the stage on the third shelf down in the transmitter. Copper shielding separates the power supply and oscillator, and the entire shelf is also shielded.

On this, as on all the stages, jacks are provided so that meters may be inserted in the various circuits. Thus at any time the current passing and voltage present may be read for any part of the circuit.

In both the doubler stage and the succeeding buffer stage a type 46 tube is used. The two stages are mounted on the second shelf down and are separated by a copper shield. For both 20-and 80- meter operation the buffer stage acts as an amplifier. For code operation the key relay circuit may be inserted in either of these two stages.

The final amplifier on the top shelf, includes two type 16 push-pull tubes. Neutralizing condensers which are used to prevent oscillation of the amplifying tubes and subsequent formation of unmanageable radio waves are located in this stage. A bias of about 70 volts will be placed on the grids of the tubes.

Interchangeable coils for the different bands are used in all the stages. Power supplies for the stages are located in the lower part of the transmitter and include rectifying units for the crystals, for the plates of the four radio frequency amplifying tubes, for the C-bias of the final amplifiers and for the driver and modulator stages. The filaments of the radio frequency tubes are heated from individual transformer windings.

In the driver stage, which performs the functions of speech amplification and power control for phone transmission, the vibrations of the sound waves are picked up and strengthened. A monitor, by means of which the operator may hear the sound as the instrument secures it, is a part of the equipment.

The output from the driver stage passes into the modulator which superimposes the sound frequency upon the radio frequency waves, which are then ready to be emitted from the antenna.

Control of the entire transmitter will be centered by relays upon a single small push-button panel.

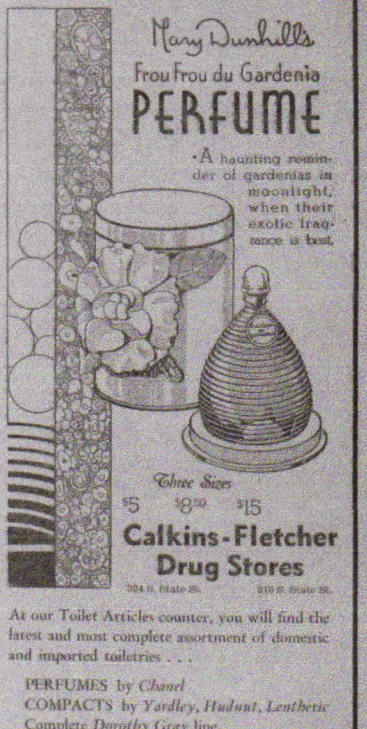
In all some 19 tubes ranging in output from one-tenth of a watt to 250 watts will be used in the unit. It is expected that the present 400-watt code transmitter will be combined with the new system.

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