

OBSERVATORY-HISTORICAL EVENTS

<u>Approx. Date</u>	<u>Event</u>
1954-January	Washington Conference called to discuss the status of radio astronomy in the United States.
1954-May	Advisory panel for radio astronomy established.
1954-July	Steering committee reviews proposal for a feasibility study for a national radio astronomy center.
1955-Feb.	N.S.F. grants funds to A.U.I. for feasibility study.
1955-Dec.	Deer Creek Valley selected as site for N.R.A.O.
1956-Nov.	Contract between A.U.I. and N.S.F. signed for the establishment of the N.R.A.O.
1956-Aug.	Radio Astronomy Zoning Act passed by W.Va. Legislature.
1956-Nov.	Land procurement by the Corps of Engineers begins.
1956-Fall	Simple interferometer setup to obs. noise and sources.
1957-May	First field house set up in one farm house.
1957-June	Out-buildings of Kessler House put to use as electronics Lab.
1957-July	W. Wooddell hired as first technician.
1957-Oct.	Ground breaking ceremonies take place.
1958-Jan.	Electronics group moves to Beard House.
1958-Summer	Building of the Calibration Horn began.
1958-Summer	Building of the 85-foot began.
1958-Summer	12-foot began observations.
1958-July	Work started on the Works Area Building.
1958-Oct.	The 85-foot is dedicated.
	Reber re-erected at Observatory.
1958-Oct.	Work started on Laboratory and Residence Hall.

<u>Approx. Date</u>	<u>Event</u>
1958-Fall	Large, corner reflector interferometer completed.
1959-Jan.	Works Area Building completed.
1959-Feb.	Electronics Lab Moves to Works Area Building.
1959-Feb.	First observations with the 85-foot.
1959-April	The 85-foot began full time observations.
1959-July	Dr. Struve assumed post as first director of Observatory.
1959-July	1610 IBM Computer acquired.
1959-July	Work began on the 140-foot.
1959-Oct.	First observations with the Calibration Horn are made.
1959-Autumn	Laboratory and Residence Hall buildings completed.
1960-March	Absolute flux density Measurements of CAS A started.
1961-Sept.	Dugatkin and Filloy arrived from Argentina.
1961-June	Foundation work on the 300-foot begins.
1961-Autumn	Atmospheric Project started.
1961-Dec.	Dr. Struve resigned as director of Observatory.
1962-March	The 40-foot began daily observations.
1962-May	The 300-foot moved for the first time.
1962-Oct.	Millimeter Wave project started.
1962-Oct.	Dr. Heeschen appointed Director of Observatory.
1962-Sept.	The 300-foot goes into operation.
1963-June	Foundation work on 85-2 began.
1963-June	Work on the new warehouse began.
1963-Oct.	Warehouse completed.
1964-Feb.	Work completed on 85-2.

Approx. Date

Event

1964-June	First observations with interferometer made.
1964-June	Reconstruction of the Jansky Antenna finished.
1964-Aug.	IBM 7040 installed in the west end of new warehouse.
1964-Nov. 11	140'--Antenna back up structure attached to yoke.
1965-Spring	140' Completed

BRIEF HISTORICAL INFORMATION ABOUT NRAO RADIO TELESCOPES & BUILDINGS

Simple interferometer.

1956-Fall Simple interferometer set up to observe noise and sources.

Corner reflector interferometer.

1958-Fall Large, corner reflector interferometer completed.

Mobile 85-foot interferometer.

1963-June Foundation work on the 85-2 began. (concrete pads).

1964-June First observations with 85-2 made.

Calibration Horn Antenna.

1958-Summer Building of the Calibration Horn Antenna began.

1959-Oct. First observations with the CHA made.

1960-March Absolute flux measurements of CAS A started.

12-Foot Antenna.

1958-Summer The 12-foot antenna began observations.

85-Foot Howard E Tatel Telescope.

1958-Summer Building of the 85-foot began.

1958-Oct. The 85-foot is dedicated.

1959-Feb. First observations with the 85-foot.

1959-April The 85-foot began full time observations.

The Reber Telescope.

1958 Reber telescope re-erected at the Observatory.

The 300-foot transit radio telescope.

1961-June Foundation work on the 300-foot began.

1962-May The 300-foot is moved for the first time.

1962-Sept. The 300-foot went into full time operation.

Millimeter Wave Project.

1962-Oct. Millimeter wave project started.

The 40-Foot Radio Telescope.

1962-march The 40-foot began daily observations.

Warehouse.

1963-June Work started on new warehouse.
1963-Oct. Warehouse completed.

ATMOSPHERIC PROJECT.

1961-Autumn Atmospheric project started.

Works Area Building.

1958-July Work started on the works area building.
1959-Jan. Works Area Building completed.

Jansky Laboratory and Residence Hall Buildings.

1958-Oct. Work started on both buildings.
1959-Autumn Both buildings completed.

The 140-Foot Radio Telescope.

1959-July Work began on the 140-foot.
1965-Spring Work completed on 140-foot.

DIRECTORS.

1959-July Dr. Otto Struve assumed post as first director.
1961-Dec. Dr. Otto Struve resigned as director.
1962-Oct. Dr. D.H. Heeschen assumes post as director.