



1
00:00:04,950 --> 00:00:02,790
it's hard to decide how history will

2
00:00:07,030 --> 00:00:04,960
view my accomplishments

3
00:00:10,629 --> 00:00:07,040
people generally aren't terribly

4
00:00:12,230 --> 00:00:10,639
interested in what gets things started

5
00:00:15,509 --> 00:00:12,240
and so i'm not sure they're going to

6
00:00:17,670 --> 00:00:15,519
have much of an idea of my role

7
00:00:20,070 --> 00:00:17,680
nancy grace roman served as the first

8
00:00:21,510 --> 00:00:20,080
chief of astronomy in nasa's office of

9
00:00:23,509 --> 00:00:21,520
space science

10
00:00:26,070 --> 00:00:23,519
the first woman to hold an executive

11
00:00:27,670 --> 00:00:26,080
position within the agency

12
00:00:29,750 --> 00:00:27,680
she was instrumental in the early

13
00:00:32,630 --> 00:00:29,760

planning of nasa's first great space

14

00:00:34,709 --> 00:00:32,640

observatory the hubble space telescope

15

00:00:36,470 --> 00:00:34,719

earning her the nickname the mother of

16

00:00:38,869 --> 00:00:36,480

hubble

17

00:00:41,110 --> 00:00:38,879

to honor her nasa has given her name to

18

00:00:43,830 --> 00:00:41,120

one of its most powerful upcoming space

19

00:00:46,709 --> 00:00:43,840

observatories

20

00:00:49,029 --> 00:00:46,719

the wide field infrared survey telescope

21

00:00:49,850 --> 00:00:49,039

is now the nancy grace roman space

22

00:00:51,590 --> 00:00:49,860

telescope

23

00:00:54,229 --> 00:00:51,600

[Music]

24

00:00:56,310 --> 00:00:54,239

nancy grace was born in 1925 and

25

00:00:59,830 --> 00:00:56,320

developed an interest in astronomy at an

26

00:01:02,389 --> 00:00:59,840

early age i just was fascinated

27

00:01:05,109 --> 00:01:02,399

one between fifth and sixth grade i

28

00:01:08,390 --> 00:01:05,119

organized my friends into an astronomy

29

00:01:10,550 --> 00:01:08,400

club to study the constellations

30

00:01:12,950 --> 00:01:10,560

i certainly did not receive any

31

00:01:14,469 --> 00:01:12,960

encouragement i was told from the

32

00:01:18,550 --> 00:01:14,479

beginning that

33

00:01:20,789 --> 00:01:18,560

women could not be scientists

34

00:01:23,429 --> 00:01:20,799

nancy grace persevered and graduated

35

00:01:25,590 --> 00:01:23,439

from the university of chicago in 1949

36

00:01:28,550 --> 00:01:25,600

with a doctorate in astronomy despite

37

00:01:30,950 --> 00:01:28,560

continuing to encounter discrimination

38

00:01:33,030 --> 00:01:30,960

my thesis professor there was a period

39

00:01:35,190 --> 00:01:33,040

in which he went for six months without

40

00:01:36,630 --> 00:01:35,200

speaking to me even when i said hello to

41

00:01:38,230 --> 00:01:36,640

him in the hall

42

00:01:39,749 --> 00:01:38,240

he didn't want to have anything to do

43

00:01:42,230 --> 00:01:39,759

with me

44

00:01:43,590 --> 00:01:42,240

after several years of research nasa

45

00:01:47,429 --> 00:01:43,600

came calling

46

00:01:49,590 --> 00:01:47,439

i started in nasa in 1959

47

00:01:52,310 --> 00:01:49,600

it was six months old

48

00:01:54,950 --> 00:01:52,320

being the first executive woman at nasa

49

00:01:56,230 --> 00:01:54,960

turned out not to be terribly

50

00:01:59,350 --> 00:01:56,240

eventful

51
00:02:02,069 --> 00:01:59,360
i was accepted very readily as a

52
00:02:05,109 --> 00:02:02,079
scientist in my job

53
00:02:06,870 --> 00:02:05,119
during her 21 years at nasa dr roman was

54
00:02:09,270 --> 00:02:06,880
involved in the development and launch

55
00:02:11,990 --> 00:02:09,280
of many space-based observatories which

56
00:02:13,589 --> 00:02:12,000
studied the sun deep space and the

57
00:02:16,070 --> 00:02:13,599
earth's atmosphere

58
00:02:17,830 --> 00:02:16,080
her most enduring legacy at nasa was the

59
00:02:19,910 --> 00:02:17,840
planning of hubble and its science

60
00:02:21,910 --> 00:02:19,920
program she did much of the early

61
00:02:23,990 --> 00:02:21,920
advocacy and established the program

62
00:02:26,309 --> 00:02:24,000
structure which laid the foundation for

63
00:02:27,990 --> 00:02:26,319

other large nasa missions that followed

64

00:02:29,910 --> 00:02:28,000

and helped convince the astronomical

65

00:02:30,949 --> 00:02:29,920

community to support astronomy from

66

00:02:33,830 --> 00:02:30,959

space

67

00:02:35,589 --> 00:02:33,840

after retiring from nasa dr roman stayed

68

00:02:37,270 --> 00:02:35,599

involved in the space community and

69

00:02:39,430 --> 00:02:37,280

received numerous awards for her

70

00:02:41,990 --> 00:02:39,440

pioneering work

71

00:02:44,229 --> 00:02:42,000

over her career she inspired generations

72

00:02:46,630 --> 00:02:44,239

of young astronomers

73

00:02:49,589 --> 00:02:46,640

now with the nancy grace roman space

74

00:02:50,470 --> 00:02:49,599

telescope her legacy can continue to

75

00:02:52,920 --> 00:02:50,480

inspire

