

A satellite image of a tropical storm, Hurricane Dorian, showing a well-defined eye and spiral cloud bands over the ocean. In the bottom right corner, the dark silhouette of a building with a pointed roof is visible against the sky.

CAT 1

Dorian

September 6

1
00:00:03,750 --> 00:00:02,550
good morning and thank you for joining

2
00:00:05,749 --> 00:00:03,760
us for

3
00:00:08,470 --> 00:00:05,759
footage of hurricane dorian from the

4
00:00:09,589 --> 00:00:08,480
international space station

5
00:00:11,030 --> 00:00:09,599
this is a live view from the

6
00:00:13,589 --> 00:00:11,040
international space station flight

7
00:00:15,430 --> 00:00:13,599
control room in houston texas at nasa's

8
00:00:17,990 --> 00:00:15,440
johnson space center and the space

9
00:00:20,950 --> 00:00:18,000
station is currently flying about 260

10
00:00:23,990 --> 00:00:20,960
statute miles over british columbia in

11
00:00:25,269 --> 00:00:24,000
an orbital night time

12
00:00:27,029 --> 00:00:25,279
though the station is over british

13
00:00:28,070 --> 00:00:27,039

columbia right now it travels at about

14

00:00:30,630 --> 00:00:28,080

17

15

00:00:32,150 --> 00:00:30,640

500 miles an hour and so in the next few

16

00:00:34,709 --> 00:00:32,160

minutes you'll start to see hurricane

17

00:00:36,310 --> 00:00:34,719

dorian come into view once we get views

18

00:00:40,150 --> 00:00:36,320

from our external cameras aboard the

19

00:00:44,389 --> 00:00:41,910

we've been providing coverage of dorian

20

00:00:46,389 --> 00:00:44,399

as it grew to a category 5 hurricane and

21

00:00:47,990 --> 00:00:46,399

all the way back down to a category 1

22

00:00:53,189 --> 00:00:48,000

which is where we will find it this

23

00:00:57,670 --> 00:00:55,430

in a 7 a.m eastern time update from the

24

00:01:00,310 --> 00:00:57,680

national hurricane center dorian is now

25

00:01:02,549 --> 00:01:00,320

a category 1 hurricane falling from that

26

00:01:05,109 --> 00:01:02,559

category 3 status we saw this time

27

00:01:08,149 --> 00:01:05,119

yesterday morning and traveling toward

28

00:01:10,149 --> 00:01:08,159

the northeast near 14 miles per hour

29

00:01:12,070 --> 00:01:10,159

this same general motion along with an

30

00:01:16,070 --> 00:01:12,080

increase in wind speed is expected

31

00:01:19,510 --> 00:01:18,070

this is a view showing the location of

32

00:01:21,350 --> 00:01:19,520

the international space station

33

00:01:23,749 --> 00:01:21,360

currently flying over british columbia

34

00:01:25,590 --> 00:01:23,759

as we mentioned

35

00:01:27,830 --> 00:01:25,600

the space station orbits the earth about

36

00:01:31,109 --> 00:01:27,840

every 45 minutes so the astronauts on

37

00:01:37,990 --> 00:01:31,119

board see 16 sunrises and sunsets every

38

00:01:41,590 --> 00:01:39,910

at 7 a.m eastern the national hurricane

39

00:01:43,510 --> 00:01:41,600

center reported dorian was about 30

40

00:01:45,670 --> 00:01:43,520

miles west southwest of cape hatteras

41

00:01:48,310 --> 00:01:45,680

north carolina or about 40 miles

42

00:01:50,230 --> 00:01:48,320

northeast of cape lookout north carolina

43

00:02:31,670 --> 00:01:50,240

it's continuing to move across the outer

44

00:02:35,030 --> 00:02:33,350

on the current forecast track dorian

45

00:02:37,509 --> 00:02:35,040

center will move over the coast of north

46

00:02:38,869 --> 00:02:37,519

carolina during the next several hours

47

00:02:40,550 --> 00:02:38,879

and centered should move to the

48

00:02:43,350 --> 00:02:40,560

southeast of new england tonight and

49

00:02:50,309 --> 00:02:43,360

tomorrow morning than across nova scotia

50

00:02:53,750 --> 00:02:52,070

at that time the national hurricane

51
00:02:55,910 --> 00:02:53,760
center expects dorian to become a

52
00:02:58,309 --> 00:02:55,920
post-tropical cyclone with hurricane

53
00:03:29,750 --> 00:02:58,319
force winds by saturday night as it

54
00:03:33,509 --> 00:03:31,270
as you can see the space station is

55
00:03:35,190 --> 00:03:33,519
approaching the red line on your screen

56
00:03:37,110 --> 00:03:35,200
the difference between nighttime and day

57
00:04:24,230 --> 00:03:37,120
which is called the terminator line it

58
00:04:29,270 --> 00:04:25,909
and this is the view from the outside of

59
00:04:31,350 --> 00:04:29,280
the international space station

60
00:04:33,749 --> 00:04:31,360
coming up on that terminator line the

61
00:04:42,310 --> 00:04:33,759
space station currently 261 statute

62
00:04:45,749 --> 00:04:44,469
dorian will be coming into view shortly

63
00:04:47,670 --> 00:04:45,759

and the national hurricane center

64

00:04:49,670 --> 00:04:47,680

predicts an additional three to eight

65

00:04:51,510 --> 00:04:49,680

inches of rain may be in store for

66

00:04:53,110 --> 00:04:51,520

northeastern north carolina with

67

00:05:10,950 --> 00:04:53,120

isolated storm totals reaching a

68

00:05:14,550 --> 00:05:12,469

this is the view of one of the external

69

00:05:16,950 --> 00:05:14,560

high definition cameras aboard the space

70

00:05:18,550 --> 00:05:16,960

station looking down toward the earth

71

00:05:21,990 --> 00:05:18,560

space station now having crossed that

72

00:05:23,510 --> 00:05:22,000

terminator line over manitoba

73

00:05:25,110 --> 00:05:23,520

and as we mentioned this is a similar

74

00:05:27,990 --> 00:05:25,120

view that the astronauts have on the

75

00:05:29,909 --> 00:05:28,000

space station our orbiting laboratory

76
00:05:32,070 --> 00:05:29,919
there are currently six crew members on

77
00:05:33,990 --> 00:05:32,080
board who can see the hurricane from

78
00:06:20,070 --> 00:05:34,000
what is like the bay window of the space

79
00:06:32,469 --> 00:06:22,550
and you can see dorian below the space

80
00:06:35,830 --> 00:06:34,070
swells from dorian are expected to

81
00:06:37,749 --> 00:06:35,840
affect much of the southeastern u.s

82
00:06:39,990 --> 00:06:37,759
coast for the next couple of days from

83
00:06:42,070 --> 00:06:40,000
northern florida through north carolina

84
00:07:53,350 --> 00:06:42,080
this creates dangerous surf and rip

85
00:07:56,469 --> 00:07:54,950
these views of the external cameras

86
00:07:58,710 --> 00:07:56,479
aboard the space station are controlled

87
00:08:00,710 --> 00:07:58,720
by flight controllers here at johnson

88
00:08:02,230 --> 00:08:00,720

space center in houston texas in the

89

00:08:04,550 --> 00:08:02,240

international space station's flight

90

00:08:06,550 --> 00:08:04,560

control room

91

00:08:08,629 --> 00:08:06,560

in this view you can also see one of the

92

00:08:09,749 --> 00:08:08,639

solar panels that power the space

93

00:08:12,790 --> 00:08:09,759

station

94

00:08:27,990 --> 00:08:12,800

as it is flying 261 statute miles just

95

00:08:31,510 --> 00:08:29,670

hurricane dorian coming into view

96

00:08:34,870 --> 00:08:31,520

clearly from this external high

97

00:08:39,029 --> 00:08:36,790

at 7 00 a.m eastern time it was reported

98

00:08:41,430 --> 00:08:39,039

to be about 30 miles west southwest of

99

00:08:51,990 --> 00:08:41,440

cape hatteras north carolina 40 miles

100

00:08:56,150 --> 00:08:54,150

maximum sustained wind speeds for dorian

101
00:08:58,630 --> 00:08:56,160
are reported at 90 miles per hour

102
00:09:00,230 --> 00:08:58,640
currently with higher gusts and

103
00:09:02,150 --> 00:09:00,240
hurricane conditions are spreading north

104
00:09:04,550 --> 00:09:02,160
along the portions of coastal north

105
00:09:06,630 --> 00:09:04,560
carolina while tropical storm conditions

106
00:09:20,150 --> 00:09:06,640
are still affecting the northern portion

107
00:09:24,550 --> 00:09:22,470
dorian still very clearly defined

108
00:09:26,310 --> 00:09:24,560
however the national hurricane center

109
00:09:28,230 --> 00:09:26,320
does expect the hurricane to become a

110
00:10:50,470 --> 00:09:28,240
post-tropical cyclone

111
00:10:54,870 --> 00:10:52,870
an amazing view as we look down into the

112
00:10:57,590 --> 00:10:54,880
eye of hurricane dorian the

113
00:10:59,670 --> 00:10:57,600

international space station flying 261

114

00:11:16,470 --> 00:10:59,680

statute miles just off the coast of new

115

00:11:20,710 --> 00:11:17,990

the storm is traveling toward the

116

00:11:22,389 --> 00:11:20,720

northeast about 14 miles per hour

117

00:11:24,150 --> 00:11:22,399

and this is the same general motion

118

00:12:14,949 --> 00:11:24,160

expected through saturday along with an

119

00:12:18,949 --> 00:12:16,710

the forecast for the rest of the day for

120

00:12:20,550 --> 00:12:18,959

dorian calls for the center to move over

121

00:12:22,230 --> 00:12:20,560

the coast of north carolina during the

122

00:12:23,829 --> 00:12:22,240

next several hours

123

00:12:25,829 --> 00:12:23,839

it should then move to the southeast of

124

00:12:27,990 --> 00:12:25,839

new england tonight and tomorrow morning

125

00:13:24,710 --> 00:12:28,000

then across nova scotia late saturday

126

00:13:28,509 --> 00:13:26,790

dorian's still in view as the

127

00:13:50,870 --> 00:13:28,519

international space station is flying

128

00:13:54,710 --> 00:13:52,949

as we previously mentioned this is an

129

00:13:56,069 --> 00:13:54,720

astronaut's eye view

130

00:13:58,150 --> 00:13:56,079

and some of the astronauts have also

131

00:14:00,629 --> 00:13:58,160

been taking photos of dorian as it waxed

132

00:14:02,230 --> 00:14:00,639

and waned in strength over the last week

133

00:14:04,710 --> 00:14:02,240

you can see those photos on their social

134

00:14:06,949 --> 00:14:04,720

media pages that's nasa's christina cook

135

00:14:57,189 --> 00:14:06,959

nick hague and andrew morgan who are all

136

00:15:02,310 --> 00:14:59,670

hurricane dorian beginning to fade out

137

00:15:05,910 --> 00:15:02,320

of view as the space station is 261

138

00:15:08,150 --> 00:15:05,920

statute miles over the sargasso sea

139

00:15:10,870 --> 00:15:08,160

still a dangerous storm with

140

00:16:19,670 --> 00:15:10,880

wind speeds up to 90 miles per hour with

141

00:16:23,910 --> 00:16:21,670

hurricane dorian now fading out of view

142

00:16:26,629 --> 00:16:23,920

261 statute miles the international

143

00:16:29,189 --> 00:16:26,639

space station flying over the sargasso

144

00:16:32,870 --> 00:16:31,269

as we mentioned dorian center should

145

00:16:35,110 --> 00:16:32,880

move to the southeast of new england

146

00:16:37,110 --> 00:16:35,120

tonight and tomorrow morning then across

147

00:16:39,350 --> 00:16:37,120

nova scotia late saturday or saturday

148

00:16:41,110 --> 00:16:39,360

night at which point is it it is

149

00:16:48,949 --> 00:16:41,120

expected to become a post-tropical

150

00:16:51,990 --> 00:16:50,550

this is our final day of coverage of

151
00:16:54,389 --> 00:16:52,000
hurricane dorian views from the

152
00:16:55,910 --> 00:16:54,399
international space station but we have

153
00:16:58,230 --> 00:16:55,920
been covering it for a week now and

154
00:17:00,230 --> 00:16:58,240
we've seen it grow up to a category five

155
00:17:02,550 --> 00:17:00,240
storm and back down to a category one

156
00:17:04,309 --> 00:17:02,560
where we find it today and if you would

157
00:17:06,829 --> 00:17:04,319
like to revisit any of the previous

158
00:17:08,470 --> 00:17:06,839
coverage you can do so by visiting

159
00:17:10,870 --> 00:17:08,480
images.nasa.gov and searching for

160
00:17:12,710 --> 00:17:10,880
hurricane dorian or by following us on

161
00:17:14,630 --> 00:17:12,720
social media twitter facebook and

162
00:17:16,470 --> 00:17:14,640
instagram and searching for the

163
00:17:18,390 --> 00:17:16,480

international space station

164

00:17:20,630 --> 00:17:18,400

those videos and more information about

165

00:17:22,549 --> 00:17:20,640

what's going on aboard the space station

166

00:17:27,350 --> 00:17:22,559

are available on those social media

167

00:17:32,150 --> 00:17:29,669

stay safe to all who may be in the path

168

00:17:34,549 --> 00:17:32,160

of dorian as it continues along the east

169

00:17:35,750 --> 00:17:34,559

coast and look to local officials for

170

00:17:37,270 --> 00:17:35,760

instruction

171

00:17:39,430 --> 00:17:37,280

we're signing off for this morning's