



*Hurricane*

# **DORIAN**

Views from the Space Station

*August 30, 2019*

1  
00:00:05,420 --> 00:00:04,010  
starting to get some good views now from

2  
00:00:07,460 --> 00:00:05,430  
the International Space Station we

3  
00:00:09,740 --> 00:00:07,470  
should be able to maintain these views

4  
00:00:13,459 --> 00:00:09,750  
throughout the duration of our Passover

5  
00:00:15,980 --> 00:00:13,469  
hurricane door in again the Space

6  
00:00:20,599 --> 00:00:15,990  
Station 262 statute miles over the

7  
00:00:23,480 --> 00:00:20,609  
Midwest right now we are expected to see

8  
00:00:33,319 --> 00:00:23,490  
the hurricane in just about two minutes

9  
00:00:35,810 --> 00:00:33,329  
or so from now some of the latest status

10  
00:00:37,400 --> 00:00:35,820  
reports of Hurricane Dorian itself can

11  
00:00:40,209 --> 00:00:37,410  
be found at the National Hurricane

12  
00:00:43,220 --> 00:00:40,219  
Center head over to [hurricanes.gov](http://hurricanes.gov)

13  
00:00:46,880 --> 00:00:43,230

that's hurricanes plural to find out the

14

00:00:49,459 --> 00:00:46,890

latest updates on the hurricane boys

15

00:00:53,869 --> 00:00:49,469

ones we are tracking now from 11:00 a.m.

16

00:00:55,430 --> 00:00:53,879

Eastern 10:00 central at that time the

17

00:00:57,350 --> 00:00:55,440

National Hurricane Center reported

18

00:01:00,319 --> 00:00:57,360

hurricane dorian as a category two

19

00:01:03,110 --> 00:01:00,329

maxing out at speeds wind speeds of

20

00:01:06,590 --> 00:01:03,120

about 110 miles per hour this is just

21

00:01:09,679 --> 00:01:06,600

shy of a category 3 hurricane again the

22

00:01:14,450 --> 00:01:09,689

hurricane itself 255 miles east of the

23

00:01:17,210 --> 00:01:14,460

Bahamas now hurricane itself traveling

24

00:01:18,830 --> 00:01:17,220

at about 10 miles per hour pretty slow

25

00:01:21,820 --> 00:01:18,840

but on a northwestern track to make

26

00:01:24,200 --> 00:01:21,830

landfall with the United States

27

00:01:28,249 --> 00:01:24,210

specifically the coast of Florida as

28

00:01:30,260 --> 00:01:28,259

predictions show now that landfall

29

00:01:32,090 --> 00:01:30,270

expected sometime over the evening of

30

00:01:34,760 --> 00:01:32,100

Monday night Labor Day into the early

31

00:01:40,390 --> 00:01:34,770

morning of Tuesday again these reports

32

00:01:45,109 --> 00:01:42,859

predictions now expect hurricane durian

33

00:01:47,420 --> 00:01:45,119

to become a major hurricane later today

34

00:01:50,660 --> 00:01:47,430

and will expect it to become very

35

00:01:52,819 --> 00:01:50,670

dangerous throughout this weekend again

36

00:01:54,770 --> 00:01:52,829

landfall right now is predicted to be

37

00:01:57,260 --> 00:01:54,780

late on Labor Day Monday or early

38

00:02:00,080 --> 00:01:57,270

Tuesday it will likely be over Florida

39

00:02:03,679 --> 00:02:00,090

as a what's now predicted to be a

40

00:02:07,300 --> 00:02:03,689

category 4 hurricane where winds can max

41

00:02:09,680 --> 00:02:07,310

out on about 140 miles per hour

42

00:02:12,410 --> 00:02:09,690

hurricane-force winds are also expected

43

00:02:13,550 --> 00:02:12,420

to affect the Bahamas as well as heavy

44

00:02:15,530 --> 00:02:13,560

rains over the Bahama

45

00:02:17,390 --> 00:02:15,540

Florida and elsewhere in the

46

00:02:25,510 --> 00:02:17,400

southeastern United States this week

47

00:02:30,140 --> 00:02:28,010

again we're coming to you live from the

48

00:02:32,360 --> 00:02:30,150

International Space Station these views

49

00:02:34,720 --> 00:02:32,370

from the external high-definition

50

00:02:38,540 --> 00:02:34,730

cameras Space Station itself

51  
00:02:41,600 --> 00:02:38,550  
262 statute miles just about to cross

52  
00:02:44,320 --> 00:02:41,610  
over the Southeast United States over

53  
00:02:47,479 --> 00:02:44,330  
the states of Georgia and Alabama

54  
00:02:49,759 --> 00:02:47,489  
crossing over the wet the eastern coast

55  
00:02:51,050 --> 00:02:49,769  
of Georgia and heading over the Atlantic

56  
00:03:08,600 --> 00:02:51,060  
Ocean where we'll be soon

57  
00:03:13,400 --> 00:03:10,400  
the kuru board the International Space

58  
00:03:16,340 --> 00:03:13,410  
Station ending their days a bit early

59  
00:03:18,800 --> 00:03:16,350  
headed for an extended weekend off after

60  
00:03:21,200 --> 00:03:18,810  
supporting the rendezvous of the Soyuz

61  
00:03:22,520 --> 00:03:21,210  
Emma's 14 and some of the other dynamic

62  
00:03:27,110 --> 00:03:22,530  
operations that have occurred over the

63  
00:03:31,490 --> 00:03:27,120

last week some of those astronauts in

64

00:03:33,590 --> 00:03:31,500

free time some of them exercising some

65

00:03:36,530 --> 00:03:33,600

of them maybe in the cupola which is the

66

00:03:38,870 --> 00:03:36,540

bay window on the earth-facing side of

67

00:03:40,100 --> 00:03:38,880

the International Space Station from the

68

00:03:41,570 --> 00:03:40,110

cupola they'll have great views of

69

00:03:45,800 --> 00:03:41,580

Hurricane Dorian which seems to be

70

00:03:47,540 --> 00:03:45,810

poking into view right now you can

71

00:03:49,100 --> 00:03:47,550

follow these astronauts on Twitter

72

00:03:52,040 --> 00:03:49,110

drew Morgan Nick Hague and Christina

73

00:03:53,990 --> 00:03:52,050

cook may be tweeting pictures over the

74

00:04:06,750 --> 00:03:54,000

weekend as they get good passes of

75

00:04:13,210 --> 00:04:09,790

International Space Station 262 statute

76  
00:04:15,250 --> 00:04:13,220  
miles over the east coast of Georgia now

77  
00:04:17,250 --> 00:04:15,260  
about to pass over the Atlantic Ocean

78  
00:04:27,280 --> 00:04:17,260  
that Space Station itself traveling at

79  
00:04:29,050 --> 00:04:27,290  
17,500 miles per hour from some of these

80  
00:04:30,790 --> 00:04:29,060  
views you can see the Bahamas again the

81  
00:04:35,040 --> 00:04:30,800  
Bahamas are expected to be affected by

82  
00:04:37,810 --> 00:04:35,050  
Hurricane Dorian over the weekend and

83  
00:04:48,730 --> 00:04:37,820  
predictions now estimated landfall

84  
00:04:51,640 --> 00:04:48,740  
Monday night Space Station now just east

85  
00:04:55,270 --> 00:04:51,650  
over the Atlantic Ocean off the coast of

86  
00:04:56,710 --> 00:04:55,280  
Florida we're seeing some some of the

87  
00:04:58,270 --> 00:04:56,720  
eye from some of the high-definition

88  
00:05:02,980 --> 00:04:58,280

cameras on the outside of the space

89

00:05:04,629 --> 00:05:02,990

station the eye of Dorian again the

90

00:05:09,460 --> 00:05:04,639

Space Station currently tracking west of

91

00:05:11,080 --> 00:05:09,470

the storm updates from just about an

92

00:05:12,960 --> 00:05:11,090

hour and 20 minutes ago from the

93

00:05:17,650 --> 00:05:12,970

National Hurricane Center reported

94

00:05:20,740 --> 00:05:17,660

Dorian as a category 2 hurricane it's

95

00:05:22,180 --> 00:05:20,750

expected to increase in force throughout

96

00:05:44,300 --> 00:05:22,190

these next few days before it makes

97

00:05:49,400 --> 00:05:46,730

the eye of Dorian very clear from this

98

00:05:51,080 --> 00:05:49,410

view Space Station 261 statute miles

99

00:05:55,640 --> 00:05:51,090

just east off the coast of some of the

100

00:05:57,950 --> 00:05:55,650

northern islands of the Bahamas in

101  
00:06:08,710 --> 00:05:57,960  
formation of the eye of the category 2

102  
00:06:14,540 --> 00:06:11,360  
Moscow this is Alexander on space to

103  
00:06:15,950 --> 00:06:14,550  
ground - how do you read me cristela

104  
00:06:31,659 --> 00:06:15,960  
lucid you loud and clear

105  
00:06:36,969 --> 00:06:35,619  
the space station 261 statute miles just

106  
00:06:38,499 --> 00:06:36,979  
east off the coast of some of the

107  
00:06:40,899 --> 00:06:38,509  
central islands of the Bahamas now

108  
00:06:57,549 --> 00:06:40,909  
passing almost directly over the eye of

109  
00:07:01,299 --> 00:06:59,529  
again reports from the National

110  
00:07:03,939 --> 00:07:01,309  
Hurricane Center reported hurricane

111  
00:07:07,989 --> 00:07:03,949  
durian as a category two from 11:00 a.m.

112  
00:07:14,579 --> 00:07:07,999  
Eastern 10:00 central speeds maxing out

113  
00:07:19,809 --> 00:07:17,859

again durian traveling at a Northwest

114

00:07:22,059 --> 00:07:19,819

track at about 10 miles per hour

115

00:07:24,609 --> 00:07:22,069

predictions now put it at landfall over

116

00:07:27,159 --> 00:07:24,619

the eastern coast of Florida sometime

117

00:07:38,409 --> 00:07:27,169

late Monday Labor Day night into early

118

00:07:42,339 --> 00:07:38,419

Tuesday International Space Station now

119

00:07:44,139 --> 00:07:42,349

passing south over hurricane durian 261

120

00:07:55,839 --> 00:07:44,149

statute miles right over there Turks and

121

00:08:01,279 --> 00:07:58,510

again from that vantage point of about

122

00:08:06,469 --> 00:08:01,289

261 statute miles from the International

123

00:08:08,989 --> 00:08:06,479

Space Station astronauts on board can

124

00:08:12,079 --> 00:08:08,999

see just about a thousand miles in any

125

00:08:15,320 --> 00:08:12,089

given direction from end to end about a

126  
00:08:37,210 --> 00:08:15,330  
2,000 mile spread from that vantage

127  
00:08:41,870 --> 00:08:39,260  
again these views are live the

128  
00:08:43,310 --> 00:08:41,880  
International Space Station 261 statute

129  
00:08:45,700 --> 00:08:43,320  
miles over the eastern coast of

130  
00:08:49,010 --> 00:08:45,710  
Dominican Republic right now traveling

131  
00:09:15,660 --> 00:08:49,020  
17,500 miles per hour just south of the

132  
00:09:21,010 --> 00:09:18,250  
again the storm itself on a Northwest

133  
00:09:23,590 --> 00:09:21,020  
track traveling right now reported at

134  
00:09:25,830 --> 00:09:23,600  
10:00 central 11 Eastern traveling and

135  
00:09:28,450 --> 00:09:25,840  
northwest track at 10 miles per hour

136  
00:09:31,840 --> 00:09:28,460  
that expected to build in terms of

137  
00:09:44,070 --> 00:09:31,850  
intensity and make landfall late Monday

138  
00:09:45,840 --> 00:09:44,080

night Labor Day night national hurricane

139

00:09:47,970 --> 00:09:45,850

report that it might be too soon to

140

00:09:50,880 --> 00:09:47,980

determine just how strong this hurricane

141

00:09:53,550 --> 00:09:50,890

will get but predictions put it at about

142

00:09:57,150 --> 00:09:53,560

a hurricane category four hurricane at

143

00:09:58,890 --> 00:09:57,160

the time of landfall again these are

144

00:10:09,630 --> 00:09:58,900

early predictions and these reports from

145

00:10:11,450 --> 00:10:09,640

just about an hour and a half ago the

146

00:10:14,820 --> 00:10:11,460

space station itself continuing on a

147

00:10:17,550 --> 00:10:14,830

southeasterly track just north off the

148

00:10:21,000 --> 00:10:17,560

coast of Venezuela passing west from the

149

00:10:23,580 --> 00:10:21,010

island of st. Lucia still getting some

150

00:10:25,500 --> 00:10:23,590

views of the massive storm that's 255

151  
00:10:35,970 --> 00:10:25,510  
miles east of the islands of the Bahamas

152  
00:10:38,340 --> 00:10:35,980  
again the cameras themselves being

153  
00:10:59,610 --> 00:10:38,350  
controlled by flight controllers here in

154  
00:11:10,150 --> 00:11:01,810  
views of the Dominican Republic and

155  
00:11:12,940 --> 00:11:10,160  
Puerto Rico coming into view now Space

156  
00:11:15,070 --> 00:11:12,950  
Station is self 261 statute miles on a

157  
00:11:51,079 --> 00:11:15,080  
southeasterly track just south of south

158  
00:12:44,840 --> 00:11:54,739  
Space Station 261 statute miles right

159  
00:12:52,369 --> 00:12:47,869  
and starting to lose sight of Hurricane

160  
00:12:53,960 --> 00:12:52,379  
Dorian that is 255 miles east of the

161  
00:12:57,499 --> 00:12:53,970  
islands of the Bahamas as the space

162  
00:13:03,679 --> 00:12:57,509  
station itself flies 261 statute miles

163  
00:13:10,579 --> 00:13:03,689

over central Guiana now over the north

164

00:13:12,679 --> 00:13:10,589

of South America these views again are

165

00:13:14,150 --> 00:13:12,689

coming to you live from the external

166

00:13:17,239 --> 00:13:14,160

high-definition cameras of the

167

00:13:19,549 --> 00:13:17,249

International Space Station this pass

168

00:13:20,659 --> 00:13:19,559

predicted by some of our flight

169

00:13:23,449 --> 00:13:20,669

controllers here in Mission Control

170

00:13:27,019 --> 00:13:23,459

Houston that maybe a few more passes

171

00:13:29,349 --> 00:13:27,029

this weekend those passes will be

172

00:13:31,729 --> 00:13:29,359

recorded and put on some of our online

173

00:13:33,679 --> 00:13:31,739

accounts you can follow us on the

174

00:13:36,710 --> 00:13:33,689

YouTube channel NASA video for some of

175

00:13:41,239 --> 00:13:36,720

those accounts as we pass over the storm

176  
00:13:42,710 --> 00:13:41,249  
over the weekend these video files in

177  
00:13:45,309 --> 00:13:42,720  
high-definition will be available there

178  
00:13:50,809 --> 00:13:45,319  
as well as images nasa.gov and

179  
00:13:52,129 --> 00:13:50,819  
archive.org again the crew of the

180  
00:13:55,099 --> 00:13:52,139  
International Space Station currently

181  
00:13:58,039 --> 00:13:55,109  
either exercising or in free time they

182  
00:14:00,139 --> 00:13:58,049  
even recently have provided some images

183  
00:14:04,399 --> 00:14:00,149  
from the cupola window that is the bay

184  
00:14:06,049 --> 00:14:04,409  
window that looks down at the earth you

185  
00:14:08,419 --> 00:14:06,059  
can follow some of the astronauts on

186  
00:14:16,369 --> 00:14:08,429  
social media drew Morgan Nick Haig and

187  
00:14:19,969 --> 00:14:16,379  
Christina cook again the strength of

188  
00:14:22,189 --> 00:14:19,979

Hurricane durian expected to go up over

189

00:14:25,819 --> 00:14:22,199

these next few days and make landfall

190

00:14:30,079 --> 00:14:25,829

right now as predictions are late Monday

191

00:14:32,749 --> 00:14:30,089

night Labor Day or early Tuesday stay

192

00:14:34,219 --> 00:14:32,759

tuned on local channels to find out the

193

00:14:36,259 --> 00:14:34,229

latest updates throughout the weekend

194

00:14:37,849 --> 00:14:36,269

again heavy rains are expected over the

195

00:14:39,619 --> 00:14:37,859

weekend as well as some hurricane-force

196

00:14:41,389 --> 00:14:39,629

winds

197

00:14:43,460 --> 00:14:41,399

prepare for the hurricane and plan

198

00:14:45,679 --> 00:14:43,470

according accordingly and look for

199

00:14:53,550 --> 00:14:45,689

advice given by local emergency

200

00:14:56,070 --> 00:14:54,780

and we'll be following the hurricane

201  
00:14:57,780 --> 00:14:56,080  
throughout the weekend through files

202  
00:15:01,140 --> 00:14:57,790  
that we put on the websites I mentioned

203  
00:15:04,140 --> 00:15:01,150  
again images nasa.gov YouTube channel

204  
00:15:06,570 --> 00:15:04,150  
NASA video as well as archive.org and

205  
00:15:08,340 --> 00:15:06,580  
follow our international space station

206  
00:15:10,470 --> 00:15:08,350  
accounts and the accounts of our

207  
00:15:13,530 --> 00:15:10,480  
astronauts on board true morgen NIC

208  
00:15:15,720 --> 00:15:13,540  
Hague and Christina cook until then say