

Constraining the mechanisms of aeolian bedform formation on Mars through a global morphometric survey: Supporting information S2

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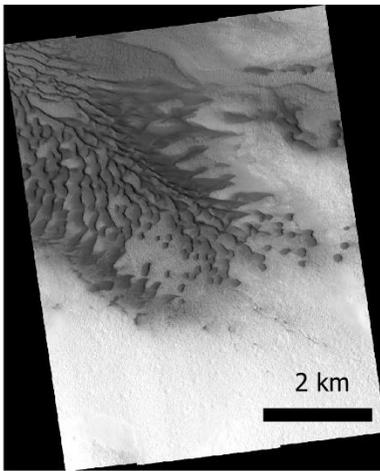
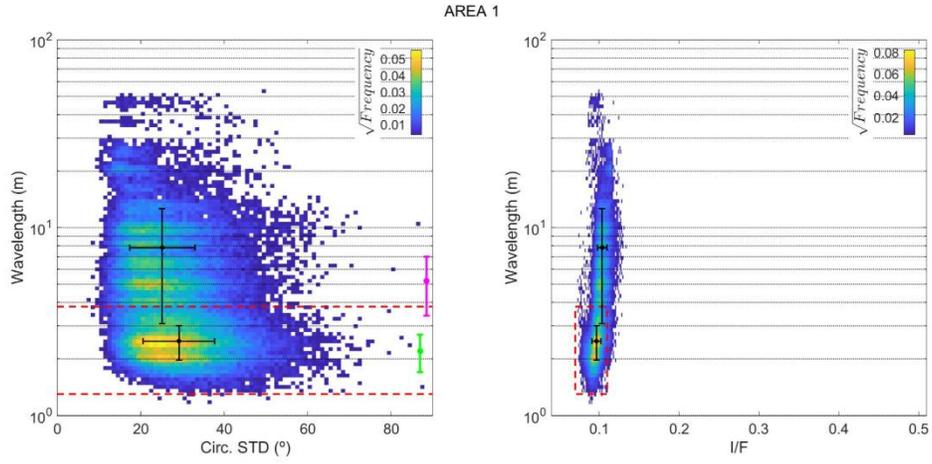
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Contents of this file

In this file we present the maps and histograms used to discriminate bedform populations. A common layout was adopted for the 75 areas, the first 11 areas are the same surveyed by Lapotre et al. (2016), while areas 51-75 correspond to the Tharsis regions analyzed by Lorenz et al. (2014).

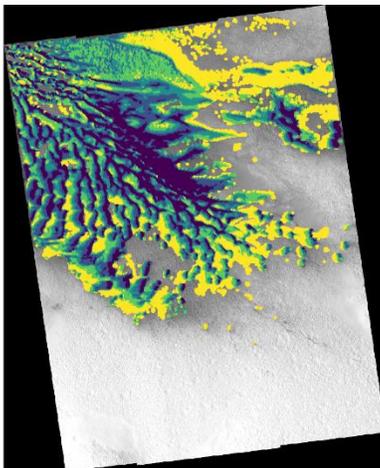
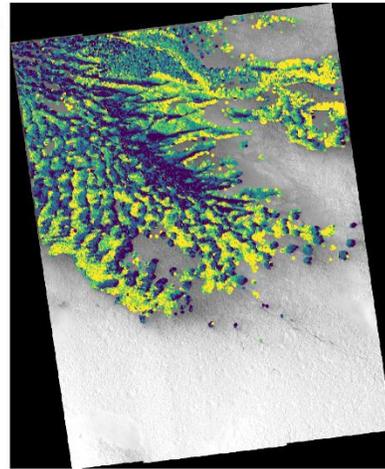
The 2D kernel density histograms located in the first row display the distributions of wavelength, circular standard deviation and albedo (I/F), a square root stretch is used to highlight secondary maxima. Red dashed lines correspond to the wavelength and albedo thresholds used to segment the two bedform classes: large dark-toned ripples and megaripples & TARs. Computed averages and standard deviation intervals are shown in black, while wavelength averages from previous studies are shown in the right side of the first plot (green: large dark-toned ripples; magenta: TARs; cyan: Tharsis bedforms). In the middle row we show the HiRISE image (left) and the wavelength map (right). The lower-left map displays the albedo variations, and the lower-right map displays the classified bedform type.

Area 1



Wavelength (m)

- 1.3 - 2.27
- 2.27 - 2.77
- 2.77 - 4.32
- 4.32 - 6.86
- 6.86 - 52.32

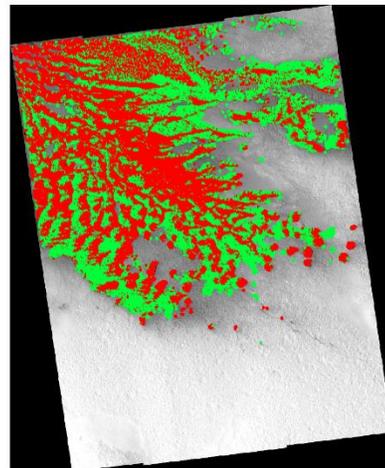


I/F

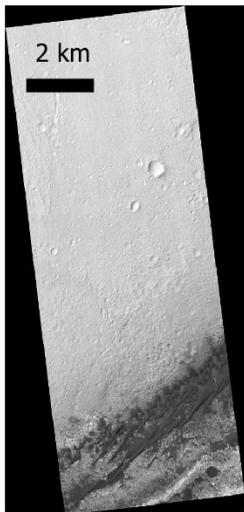
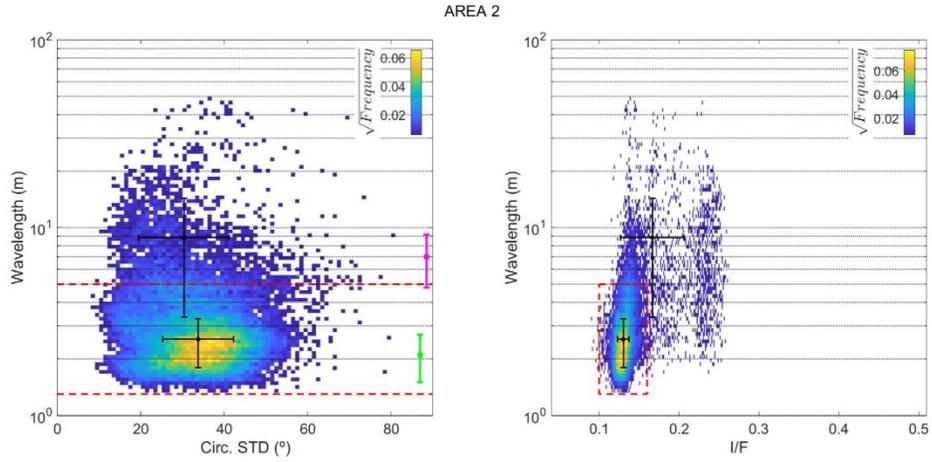
- 0,073 - 0,094
- 0,094 - 0,098
- 0,098 - 0,101
- 0,101 - 0,105
- 0,105 - 0,133

Bedform type

- Large ripple
- Megaripple / TAR

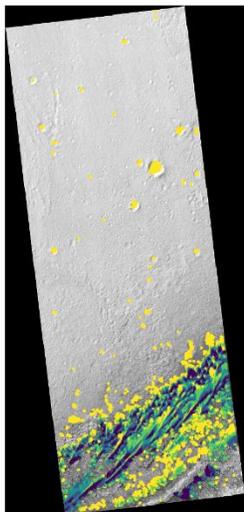
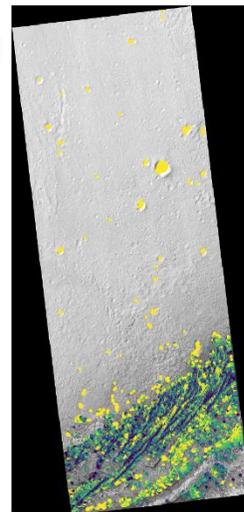


Area 2



Wavelength (m)

- 1,34 - 1,96
- 1,96 - 2,29
- 2,29 - 2,62
- 2,62 - 3,4
- 3,4 - 49,05

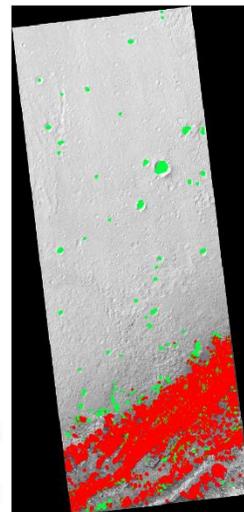


I/F

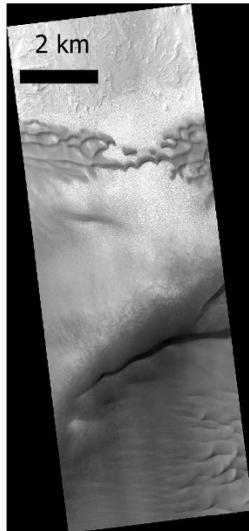
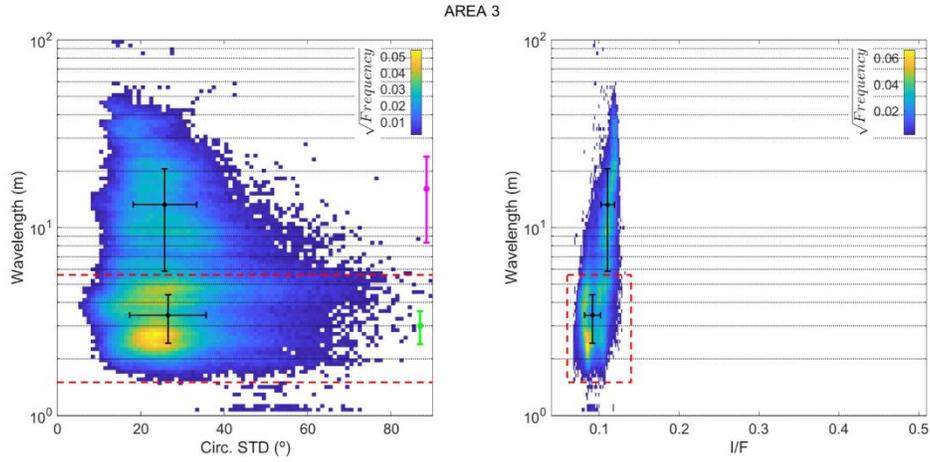
- 0,1002 - 0,1245
- 0,1245 - 0,1287
- 0,1287 - 0,1324
- 0,1324 - 0,1371
- 0,1371 - 0,2614

Bedform type

- Large ripple
- Megaripple / TAR

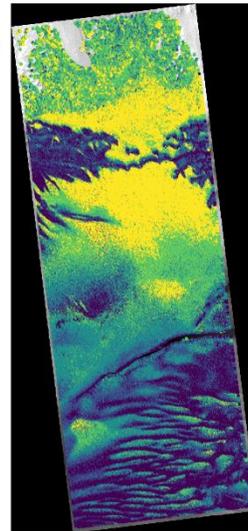


Area 3



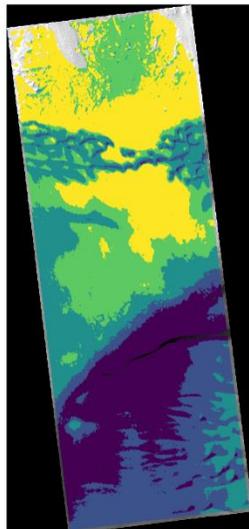
Wavelength (m)

- 1,5 - 2,7
- 2,7 - 3,7
- 3,7 - 5
- 5 - 10
- 10 - 98,4



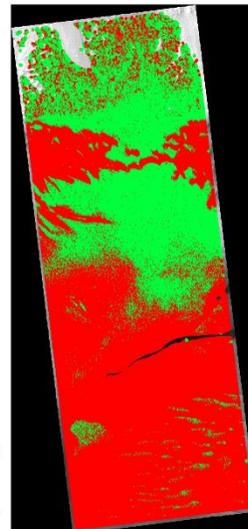
I/F

- 0,0676 - 0,0847
- 0,0847 - 0,0922
- 0,0922 - 0,1037
- 0,1037 - 0,1115
- 0,1115 - 0,1325

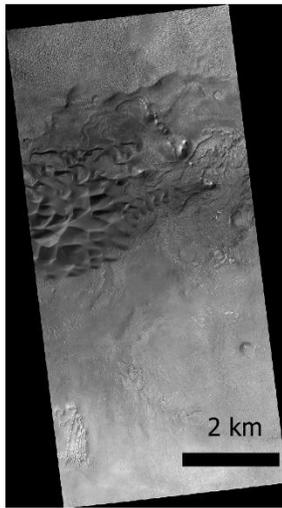
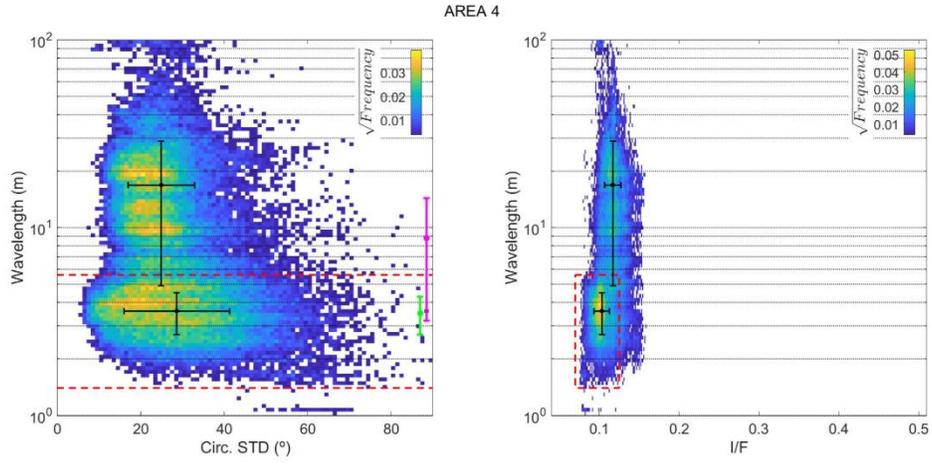


Bedform type

- Large ripple
- Megaripple / TAR

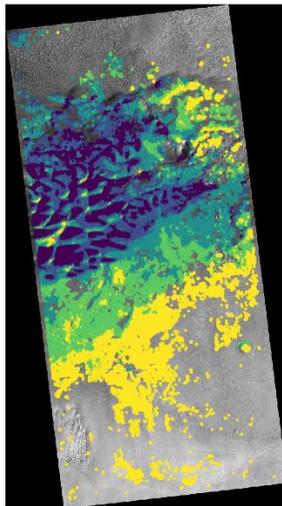
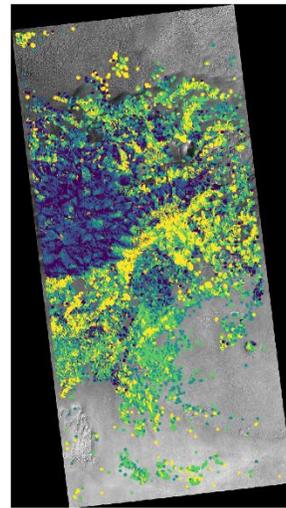


Area 4



Wavelength (m)

- 1,4 - 3,4
- 3,4 - 4,7
- 4,7 - 9,5
- 9,5 - 17,6
- 17,6 - 115

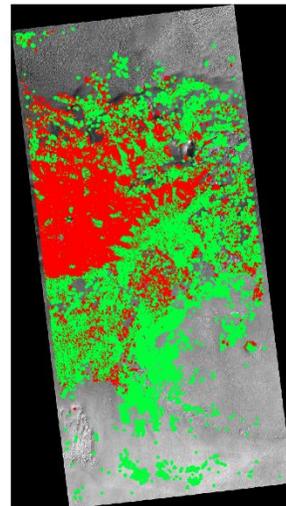


I/F

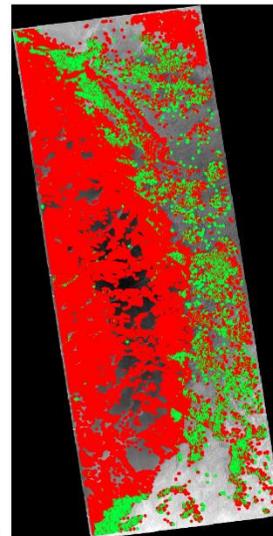
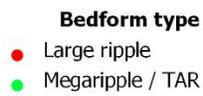
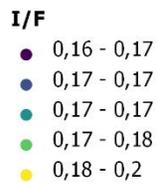
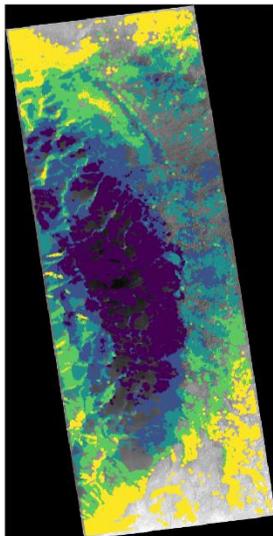
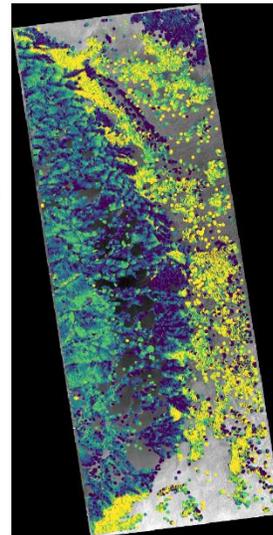
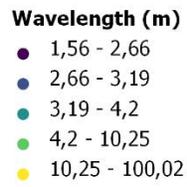
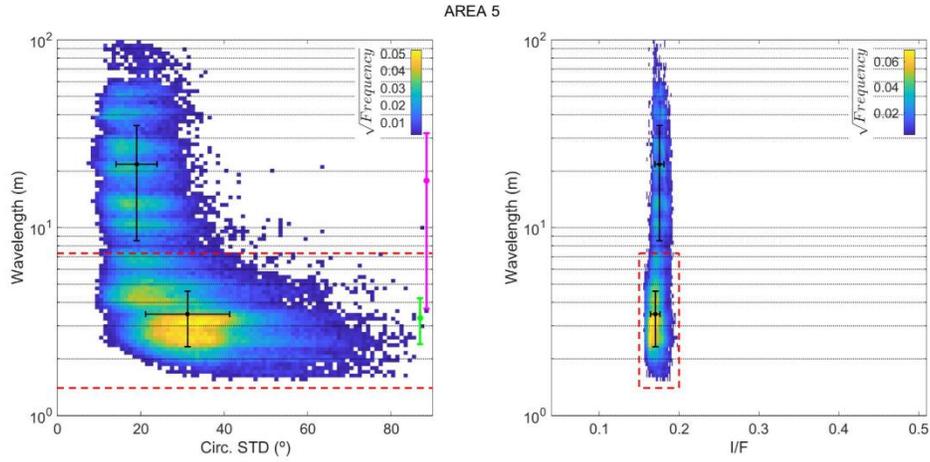
- 0,0762 - 0,1
- 0,1 - 0,1066
- 0,1066 - 0,1143
- 0,1143 - 0,1203
- 0,1203 - 0,1567

Bedform type

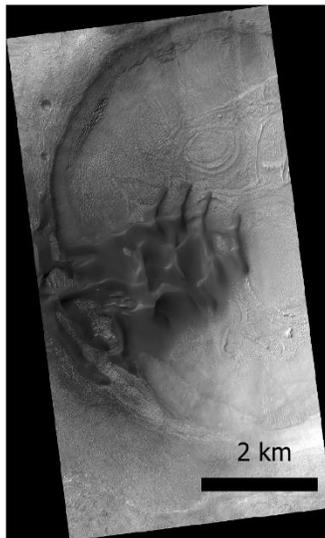
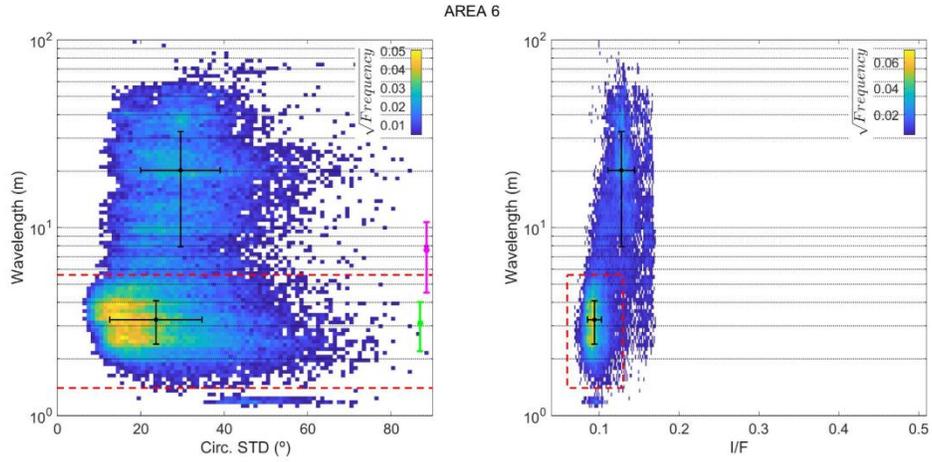
- Large ripple
- Megaripple / TAR



Area 5

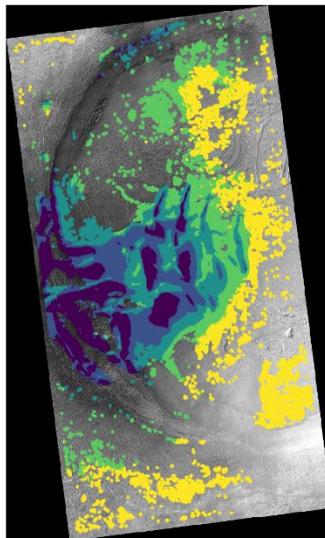
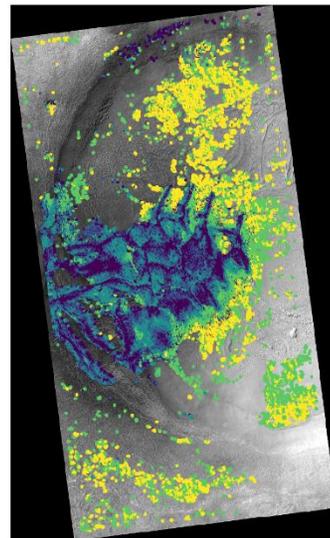


Area 6



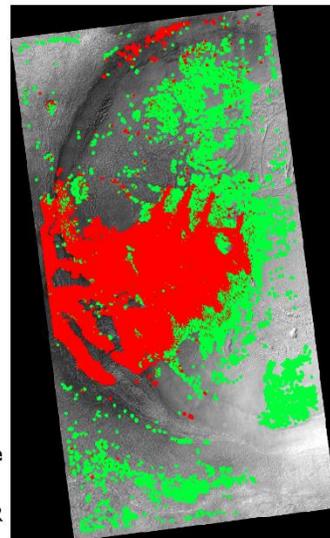
Wavelength (m)

- 1,4 - 2,7
- 2,7 - 3,47
- 3,47 - 5,02
- 5,02 - 16,78
- 16,78 - 95,69



I/F

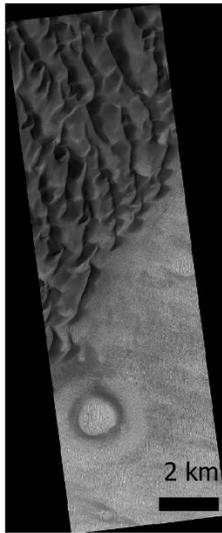
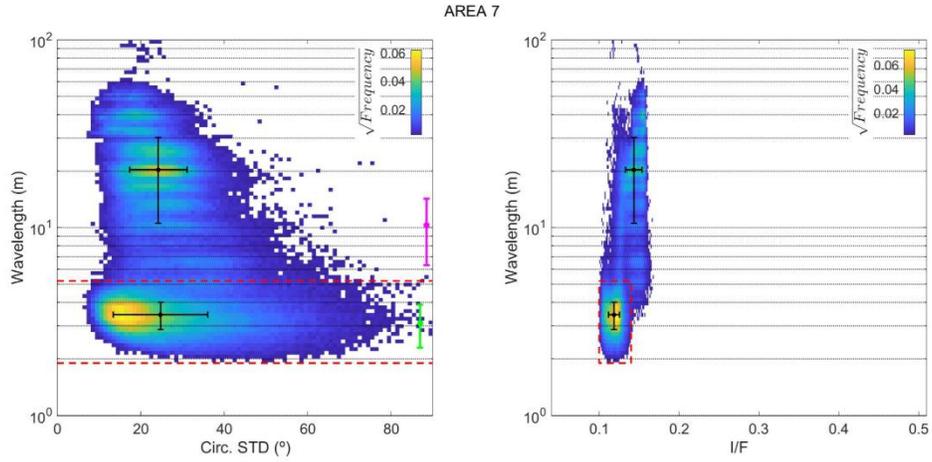
- 0,07 - 0,09
- 0,09 - 0,1
- 0,1 - 0,11
- 0,11 - 0,13
- 0,13 - 0,17



Bedform type

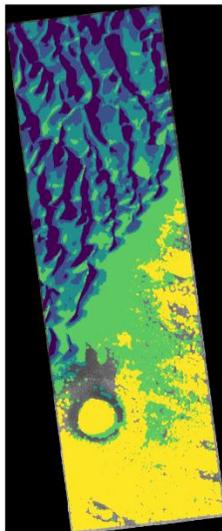
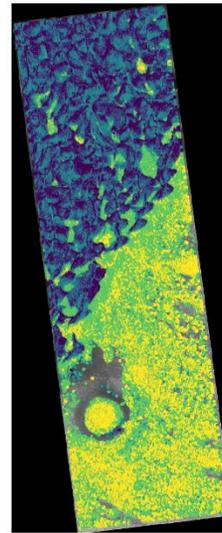
- Large ripple
- Megaripple / TAR

Area 7



Wavelength (m)

- 1,98 - 3,18
- 3,18 - 3,72
- 3,72 - 6,8
- 6,8 - 19,93
- 19,93 - 104,67

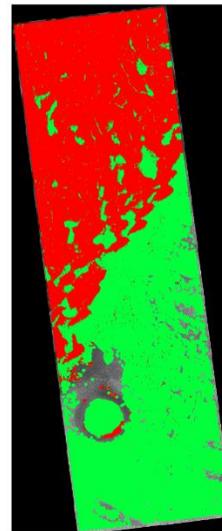


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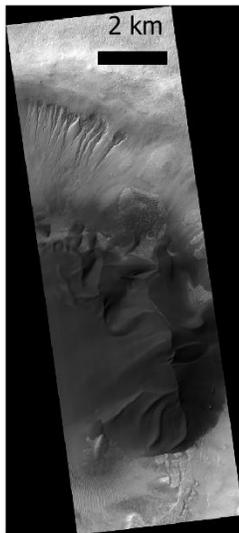
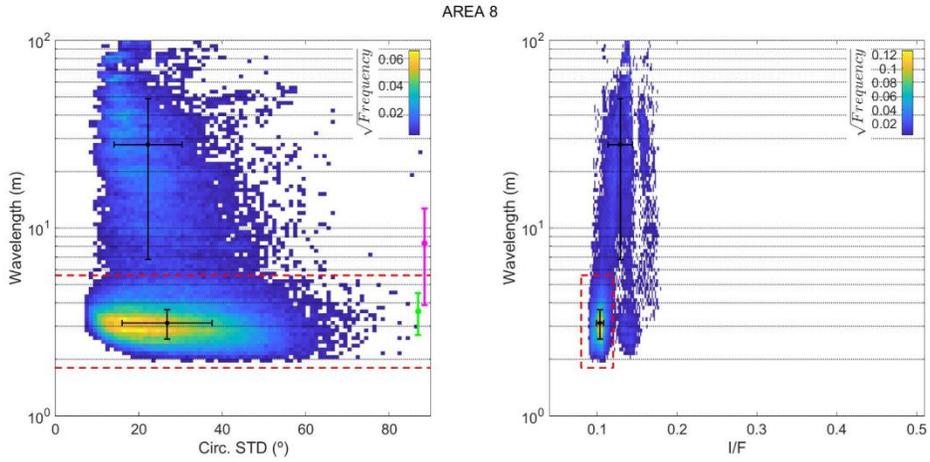
- 0,1 - 0,12
- 0,12 - 0,12
- 0,12 - 0,13
- 0,13 - 0,15
- 0,15 - 0,17

Bedform type

- Large ripple
- Megaripple / TAR

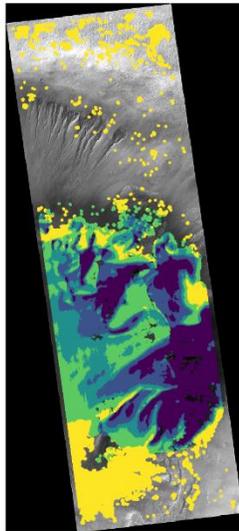
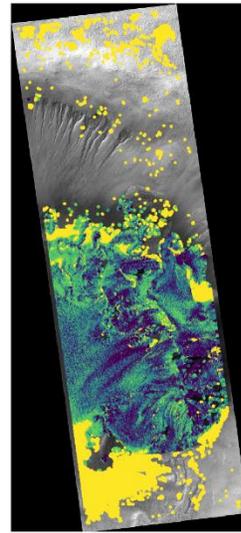


Area 8



Wavelength (m)

- 1,96 - 2,75
- 2,75 - 3,04
- 3,04 - 3,39
- 3,39 - 5,52
- 5,52 - 208,72

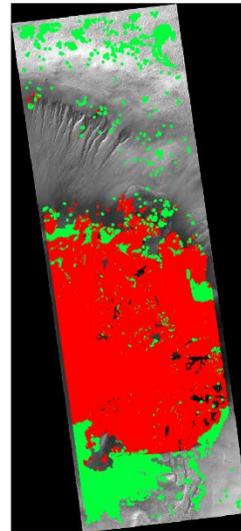


I/F

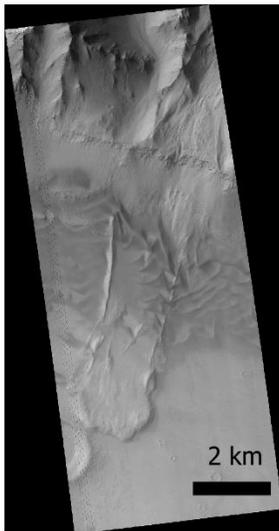
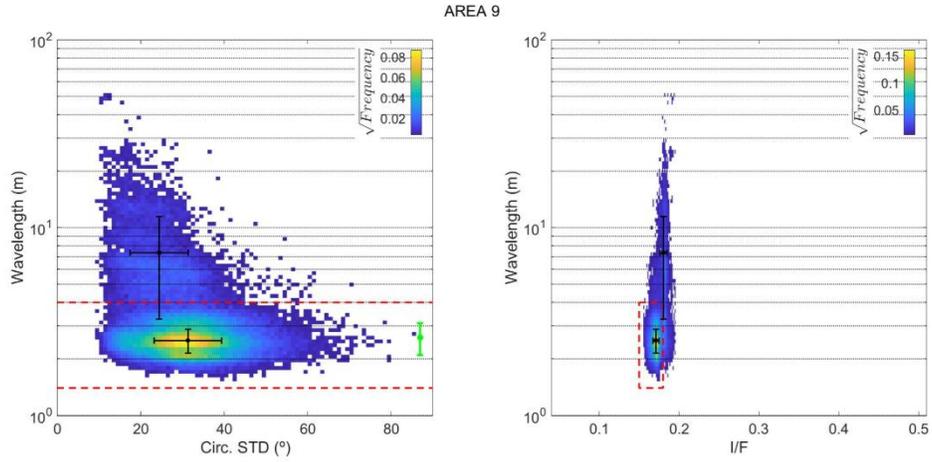
- 0,09 - 0,1
- 0,1 - 0,1
- 0,1 - 0,11
- 0,11 - 0,11
- 0,11 - 0,18

Bedform type

- Large ripple
- Megaripple / TAR

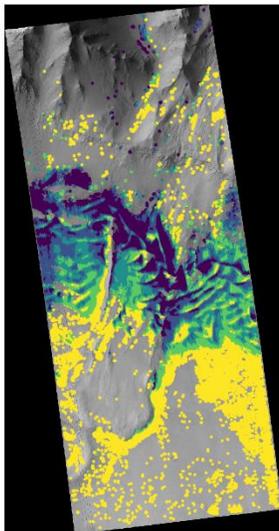
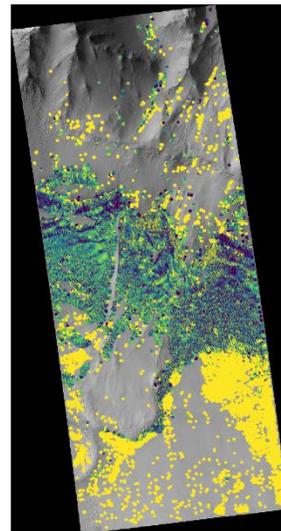


Area 9



Wavelength (m)

- 1,57 - 2,23
- 2,23 - 2,42
- 2,42 - 2,61
- 2,61 - 3,02
- 3,02 - 51,68

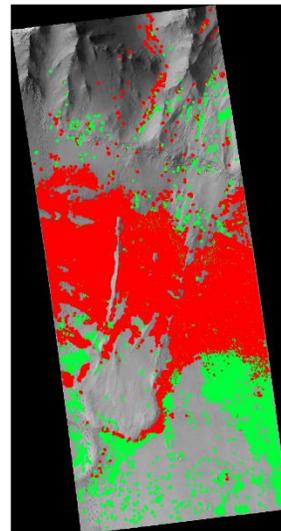


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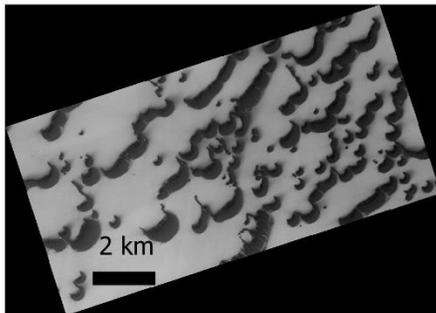
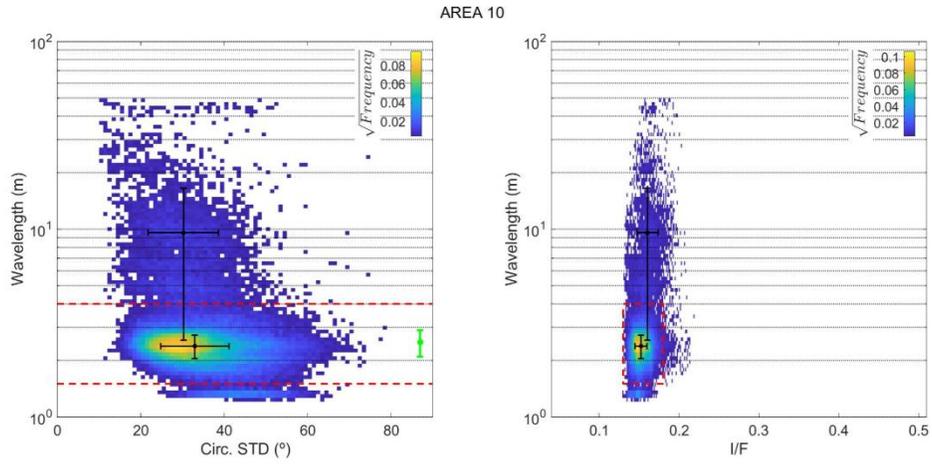
- 0,1556 - 0,1687
- 0,1687 - 0,1709
- 0,1709 - 0,1724
- 0,1724 - 0,1749
- 0,1749 - 0,1954

Bedform type

- Large ripple
- Megaripple / TAR

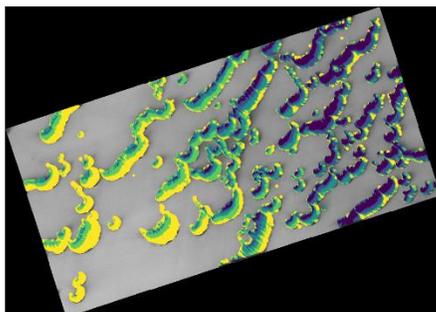
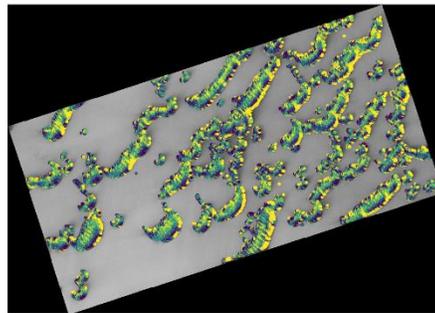


Area 10



Wavelength (m)

- 1,5 - 2,11
- 2,11 - 2,32
- 2,32 - 2,47
- 2,47 - 2,7
- 2,7 - 49,17

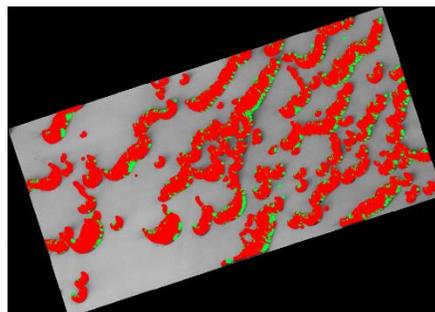


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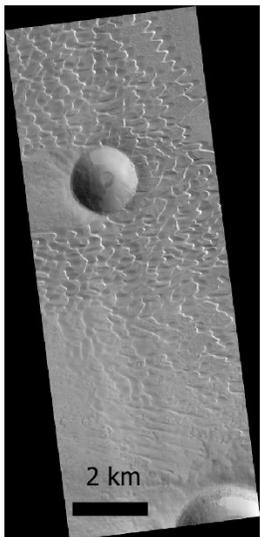
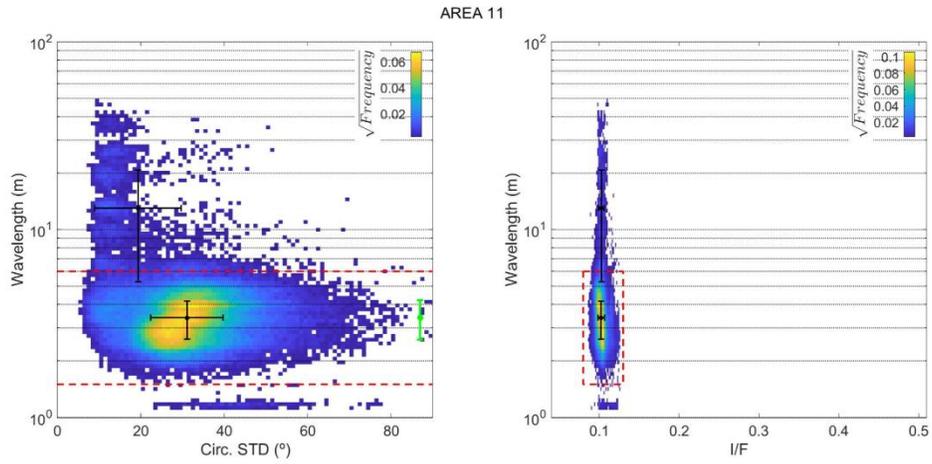
- 0,13 - 0,15
- 0,15 - 0,15
- 0,15 - 0,15
- 0,15 - 0,16
- 0,16 - 0,21

Bedform type

- Large ripple
- Megaripple / TAR

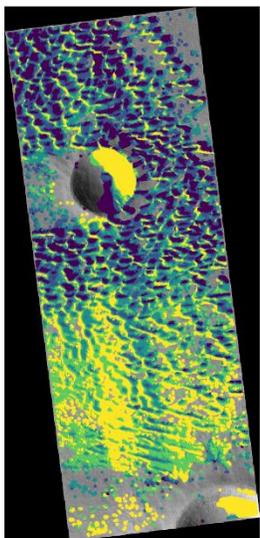
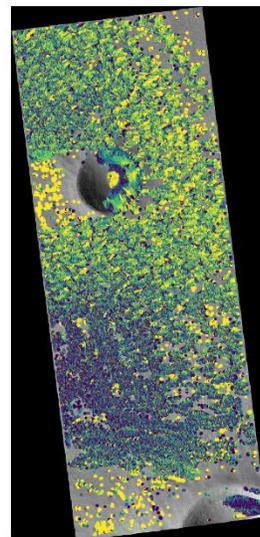


Area 11



Wavelength (m)

- 1,5 - 2,67
- 2,67 - 3,11
- 3,11 - 3,57
- 3,57 - 4,13
- 4,13 - 47,79

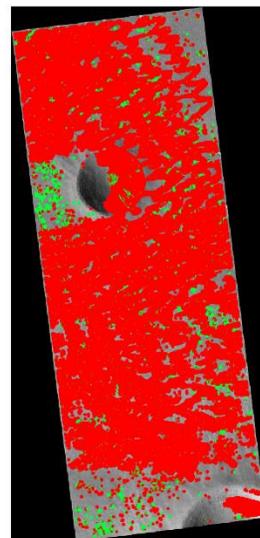


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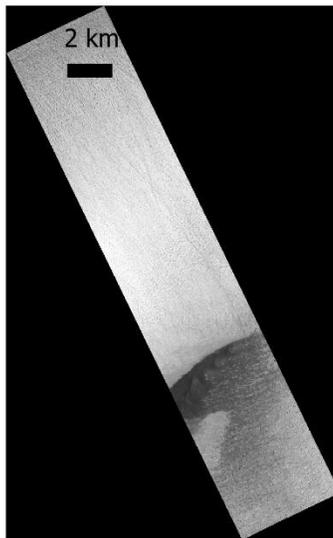
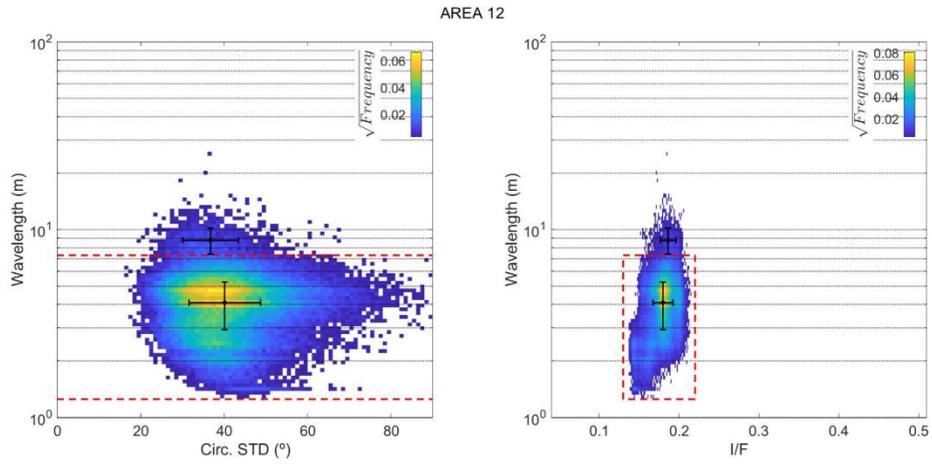
- 0,09 - 0,1
- 0,1 - 0,1
- 0,1 - 0,1
- 0,1 - 0,11
- 0,11 - 0,13

Bedform type

- Large ripple
- Megaripple / TAR

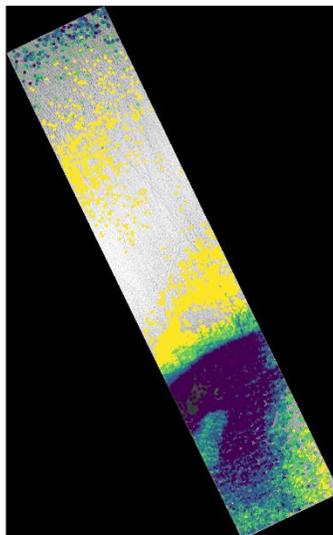
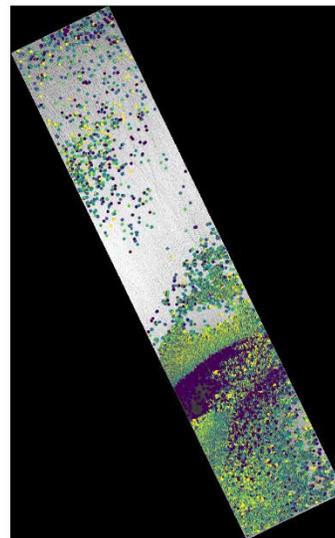


Area 12



Wavelength (m)

- 1,26 - 3,01
- 3,01 - 3,91
- 3,91 - 4,49
- 4,49 - 5,07
- 5,07 - 25,78



I/F

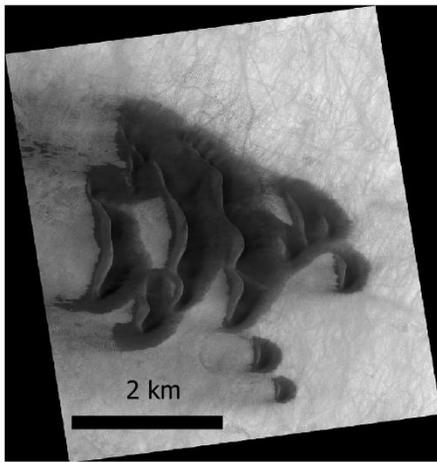
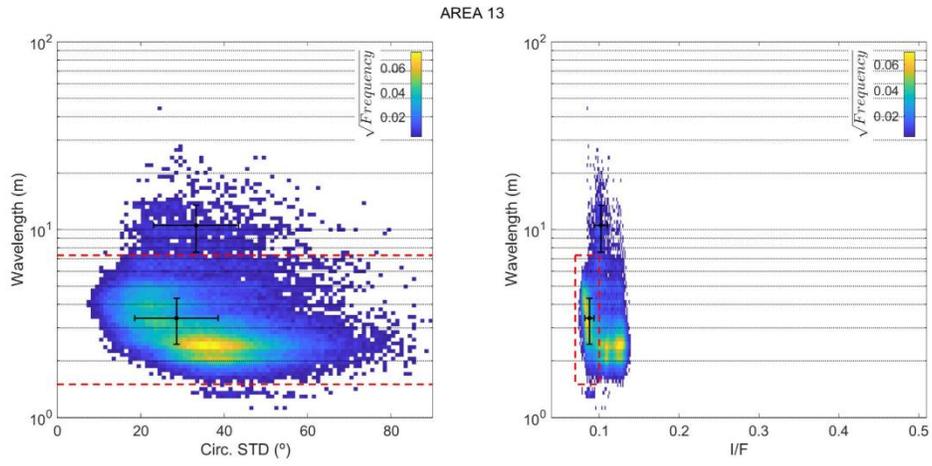
- 0,14 - 0,17
- 0,17 - 0,18
- 0,18 - 0,18
- 0,18 - 0,19
- 0,19 - 0,21

Bedform type

- Large ripple
- Megaripple / TAR

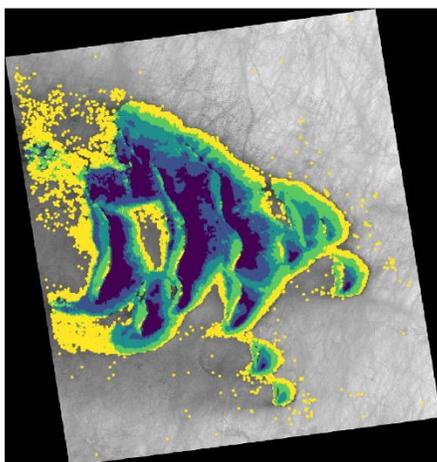
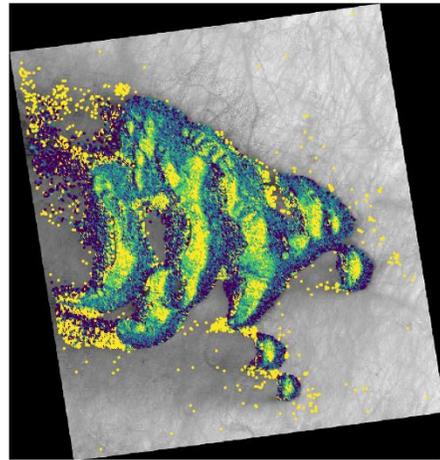


Area 13



Wavelength (m)

- 1,53 - 2,59
- 2,59 - 3,05
- 3,05 - 3,53
- 3,53 - 4,26
- 4,26 - 45,14

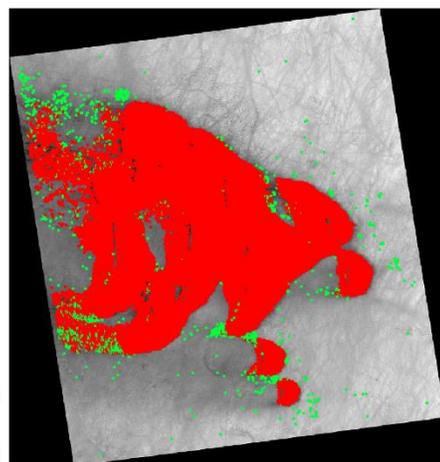


I/F

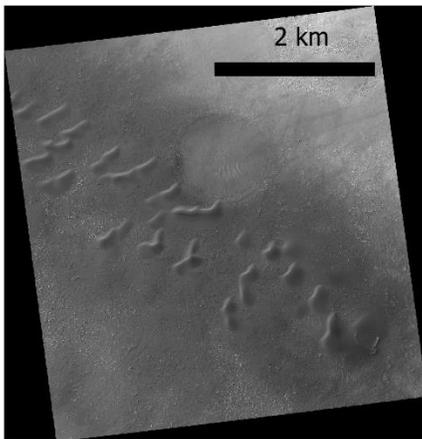
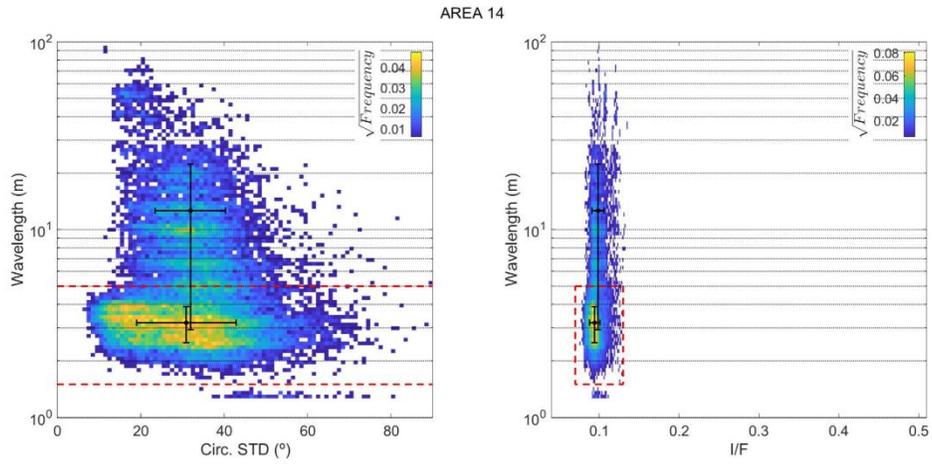
- 0,07 - 0,08
- 0,08 - 0,09
- 0,09 - 0,09
- 0,09 - 0,09
- 0,09 - 0,13

Bedform type

- Large ripple
- Megaripple / TAR

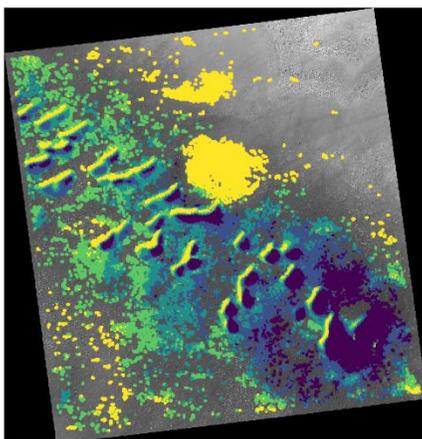
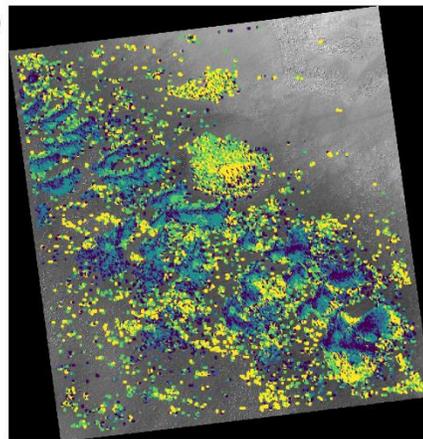


Area 14



Wavelength (m)

- 1,54 - 2,74
- 2,74 - 3,29
- 3,29 - 4,08
- 4,08 - 8,33
- 8,33 - 94,61

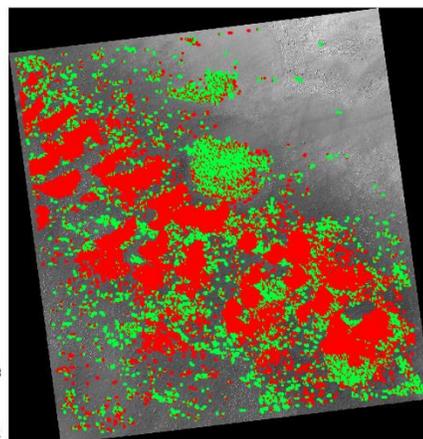


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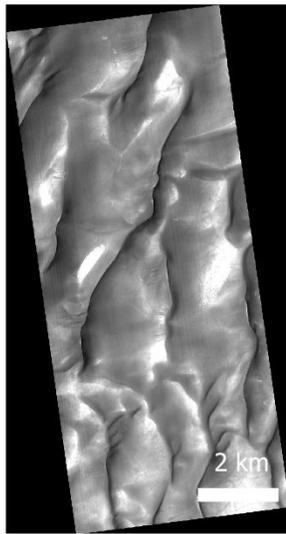
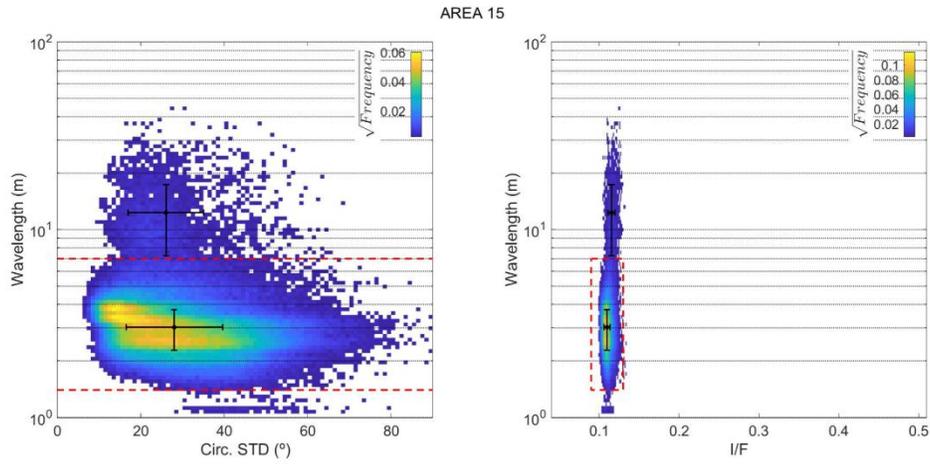
- 0,08 - 0,09
- 0,09 - 0,09
- 0,09 - 0,1
- 0,1 - 0,1
- 0,1 - 0,14

Bedform type

- Large ripple
- Megaripple / TAR

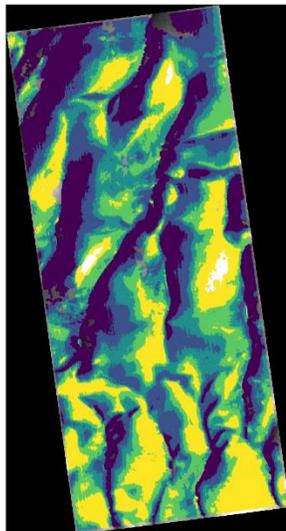
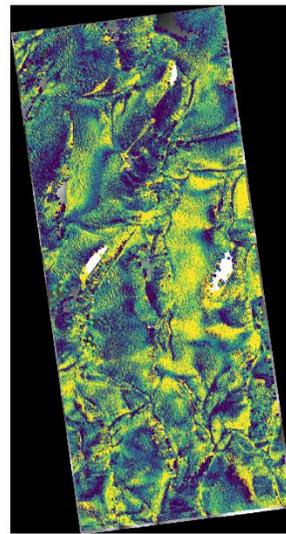


Area 15



Wavelength (m)

- 1,4 - 2,42
- 2,42 - 2,74
- 2,74 - 3,14
- 3,14 - 3,61
- 3,61 - 44,85

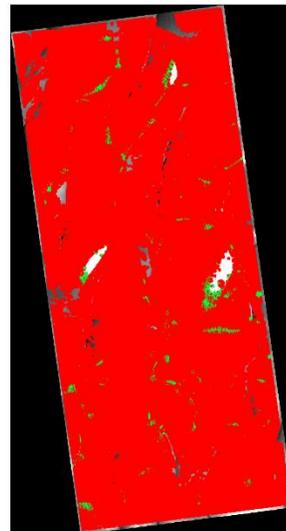


I/F

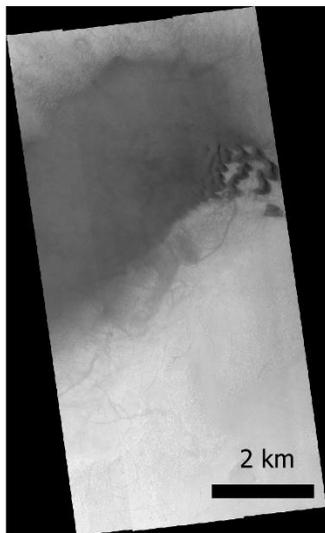
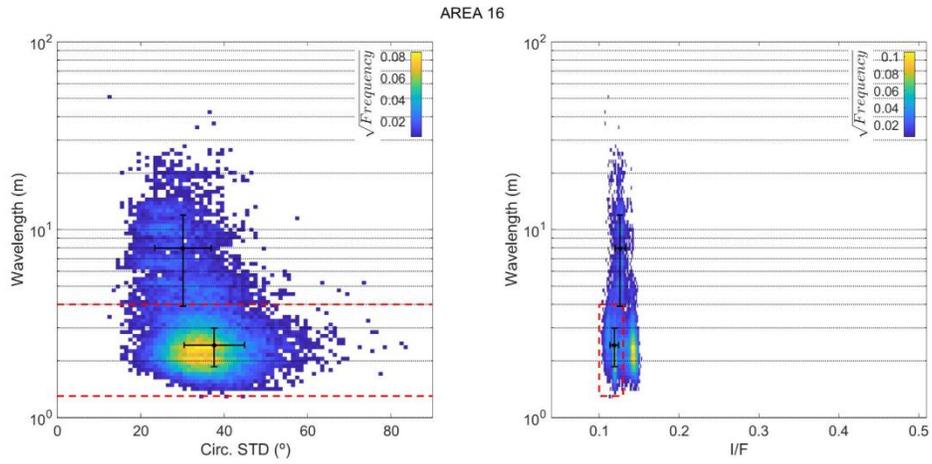
- 0,099 - 0,107
- 0,107 - 0,109
- 0,109 - 0,11
- 0,11 - 0,113
- 0,113 - 0,133

Bedform type

- Large ripple
- Megaripple / TAR

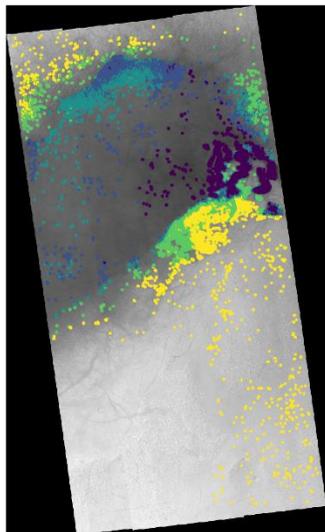
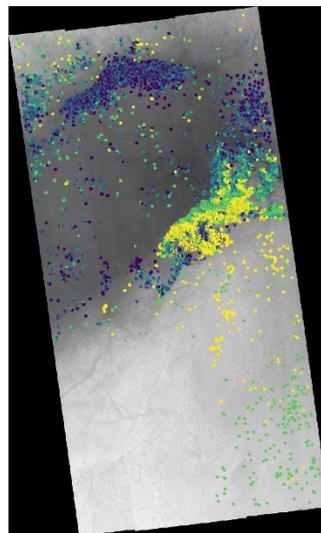


Area 16



Wavelength (m)

- 1,32 - 2,04
- 2,04 - 2,42
- 2,42 - 3,11
- 3,11 - 5,33
- 5,33 - 51,85

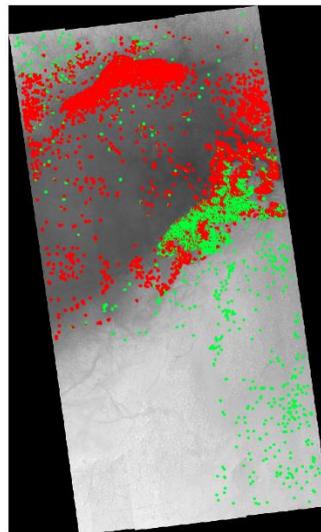


I/F

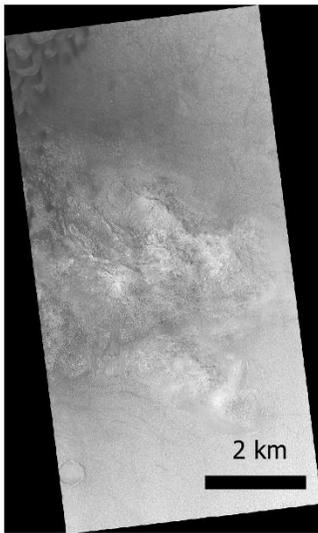
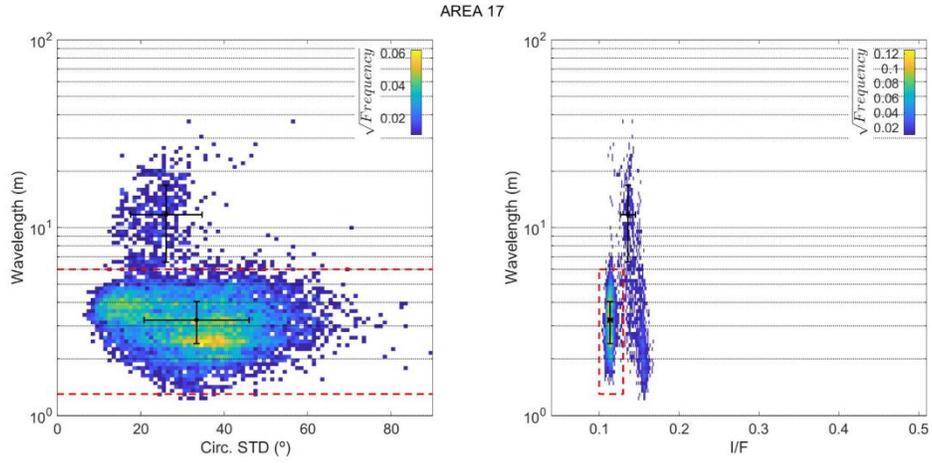
- 0,102 - 0,117
- 0,117 - 0,119
- 0,119 - 0,122
- 0,122 - 0,127
- 0,127 - 0,148

Bedform type

- Large ripple
- Megaripple / TAR

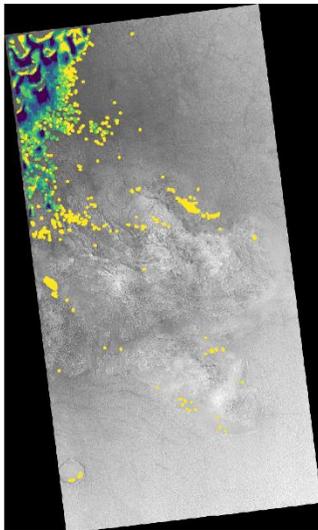
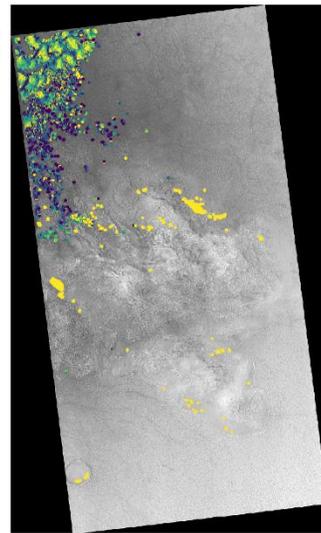


Area 17



Wavelength (m)

- 1,47 - 2,49
- 2,49 - 2,97
- 2,97 - 3,44
- 3,44 - 4,1
- 4,1 - 37,1

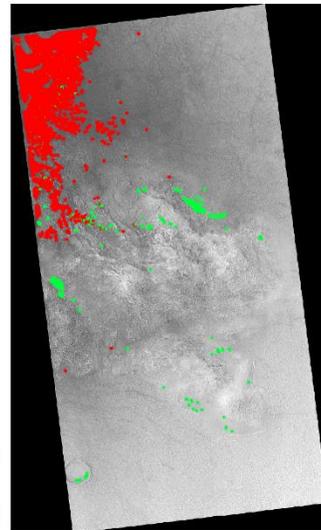


I/F

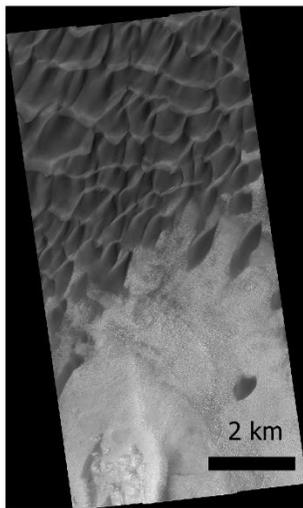
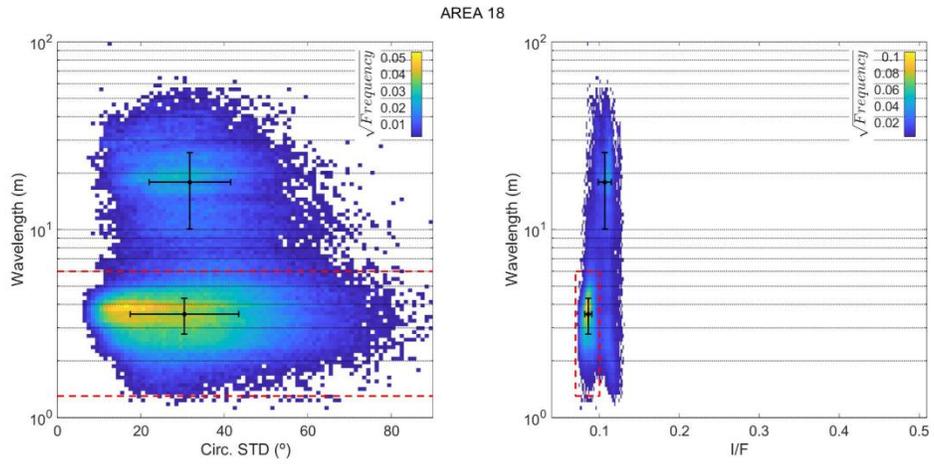
- 0,104 - 0,112
- 0,112 - 0,113
- 0,113 - 0,114
- 0,114 - 0,116
- 0,116 - 0,156

Bedform type

- Large ripple
- Megaripple / TAR

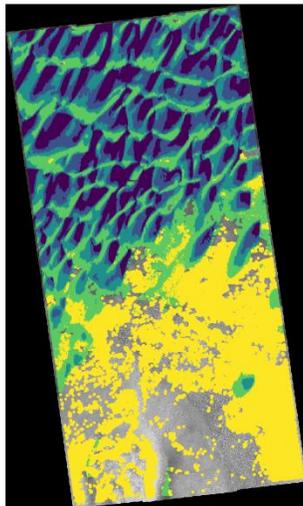
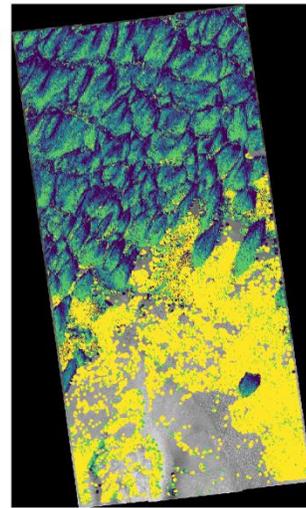


Area 18



Wavelength (m)

- 1,3 - 3,01
- 3,01 - 3,57
- 3,57 - 4,11
- 4,11 - 9,1
- 9,1 - 98,9

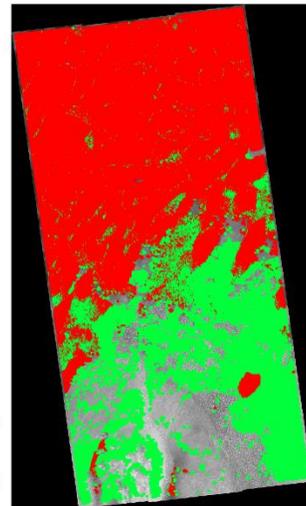


I/F

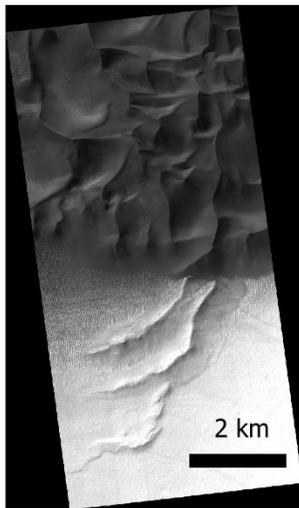
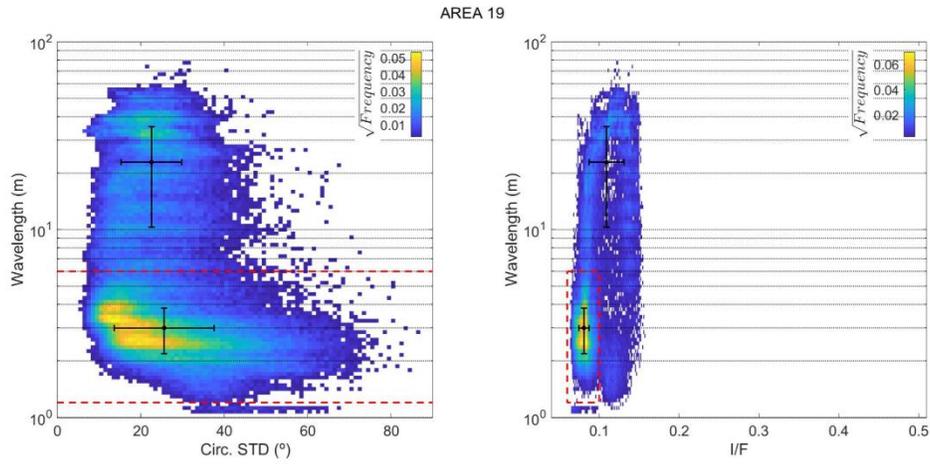
- 0,07 - 0,08
- 0,08 - 0,09
- 0,09 - 0,09
- 0,09 - 0,1
- 0,1 - 0,13

Bedform type

- Large ripple
- Megaripple / TAR

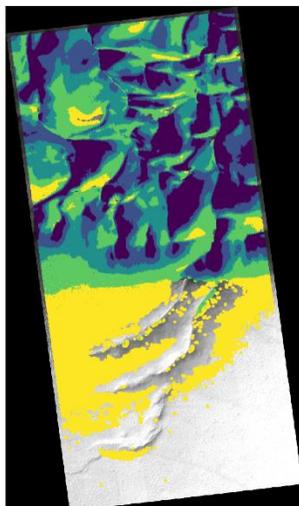
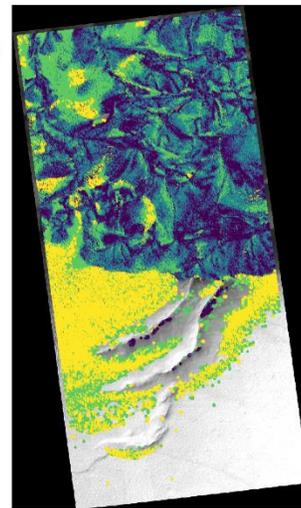


Area 19



Wavelength (m)

- 1,26 - 2,47
- 2,47 - 2,99
- 2,99 - 3,85
- 3,85 - 13,41
- 13,41 - 78,92

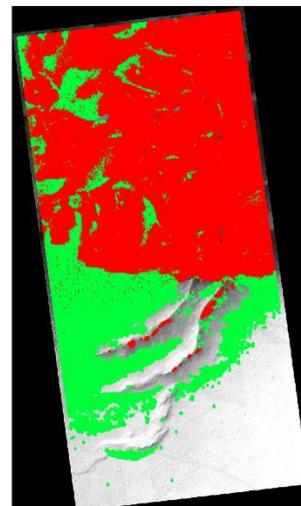


I/F

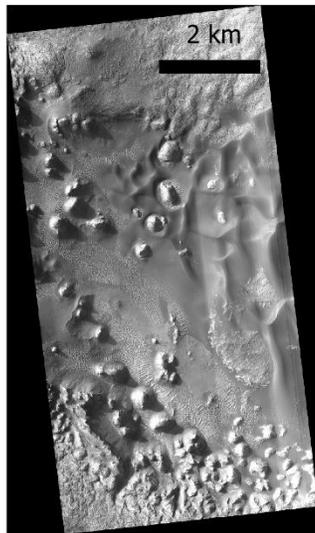
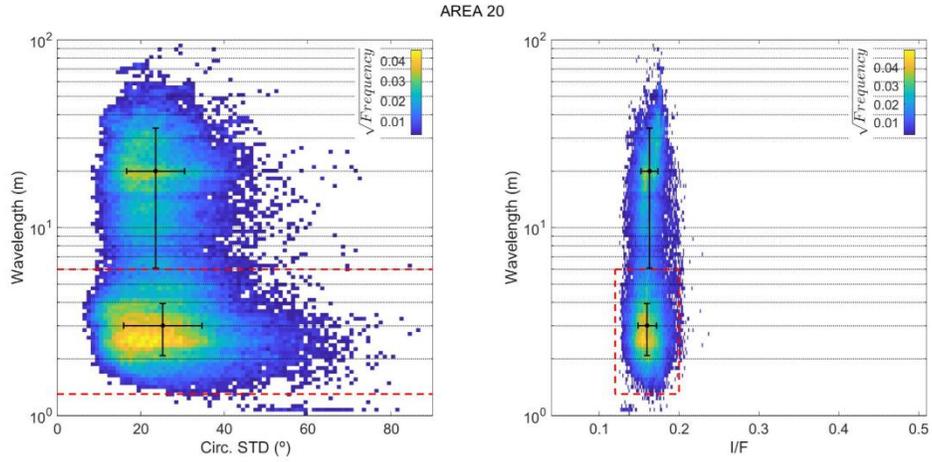
- 0,064 - 0,077
- 0,077 - 0,082
- 0,082 - 0,085
- 0,085 - 0,095
- 0,095 - 0,155

Bedform type

- Large ripple
- Megaripple / TAR

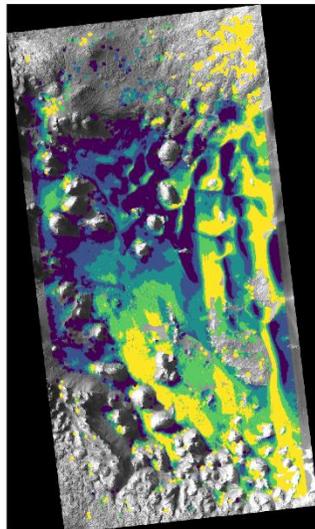
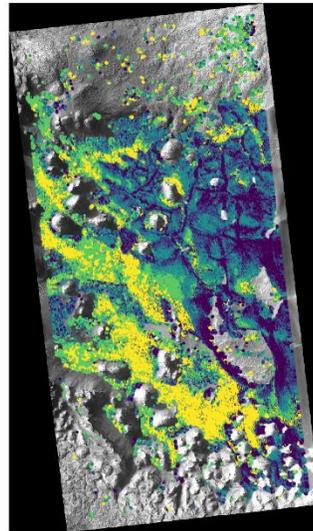


Area 20



Wavelength (m)

- 1,3 - 2,46
- 2,46 - 3,15
- 3,15 - 5,12
- 5,12 - 17,81
- 17,81 - 233,18

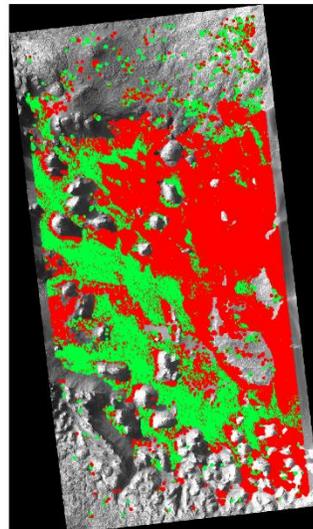


I/F

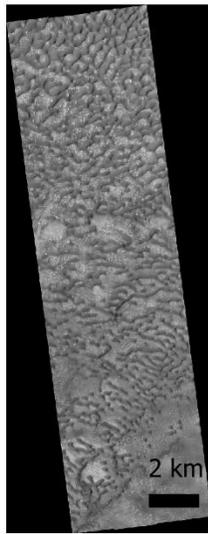
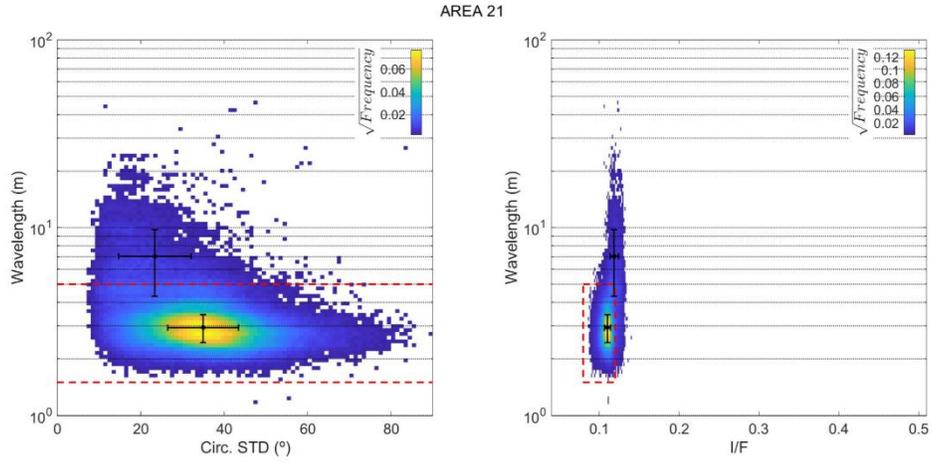
- 0,126 - 0,152
- 0,152 - 0,158
- 0,158 - 0,163
- 0,163 - 0,171
- 0,171 - 0,229

Bedform type

- Large ripple
- Megaripple / TAR

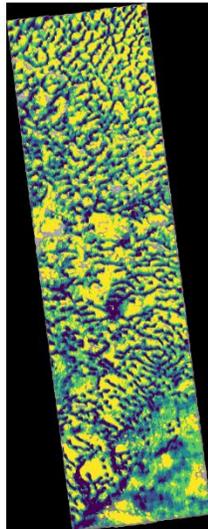
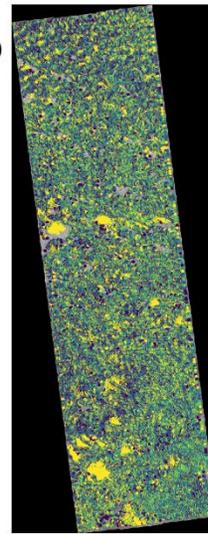


Area 21



Wavelength (m)

- 1,59 - 2,54
- 2,54 - 2,77
- 2,77 - 3,01
- 3,01 - 3,32
- 3,32 - 45,84

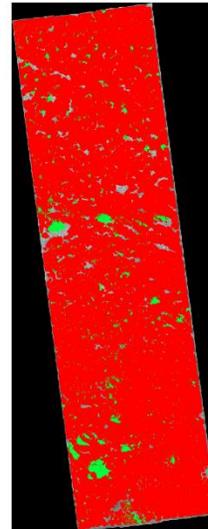


I/F

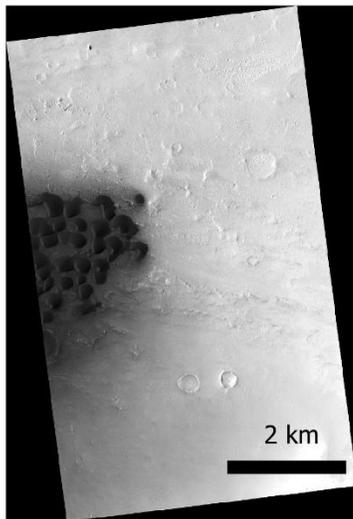
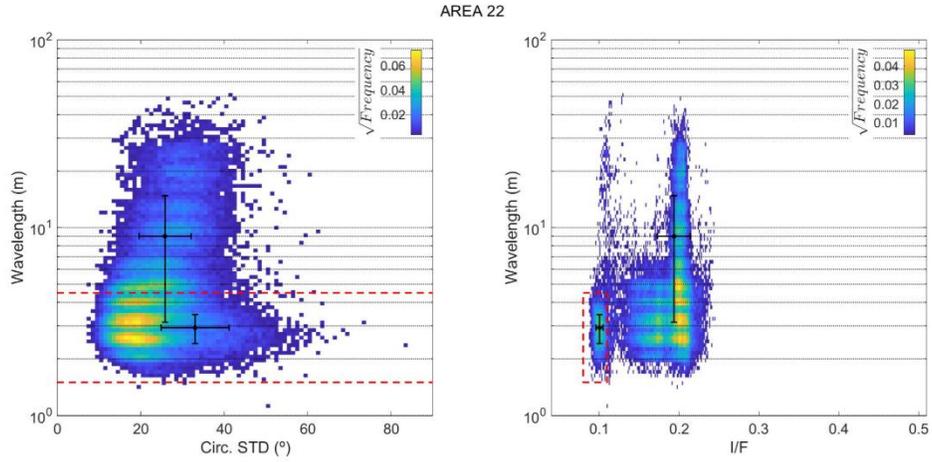
- 0,086 - 0,107
- 0,107 - 0,11
- 0,11 - 0,112
- 0,112 - 0,114
- 0,114 - 0,133

Bedform type

- Large ripple
- Megaripple / TAR

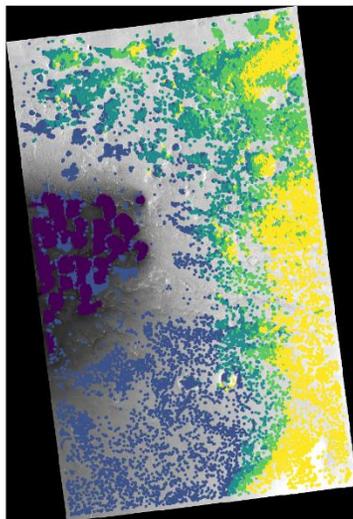
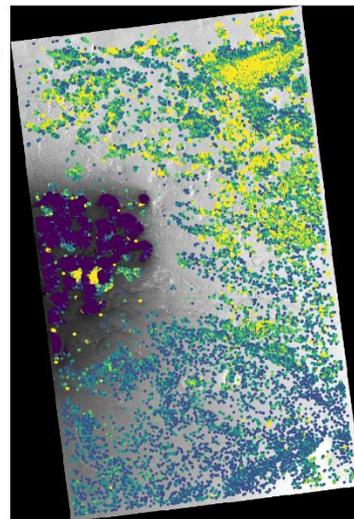


Area 22



Wavelength (m)

- 1,5 - 3,9
- 3,9 - 5
- 5 - 6,3
- 6,3 - 10,4
- 10,4 - 49,9

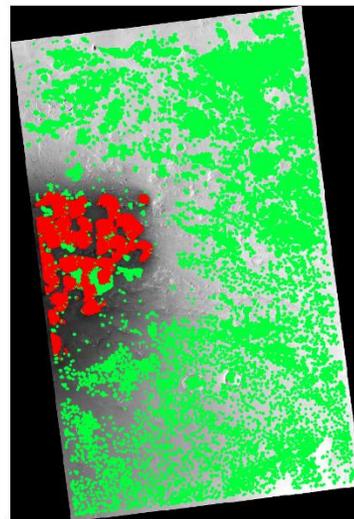


I/F

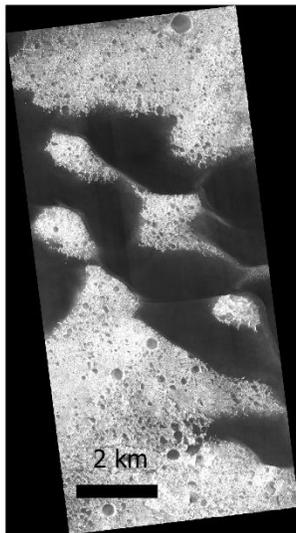
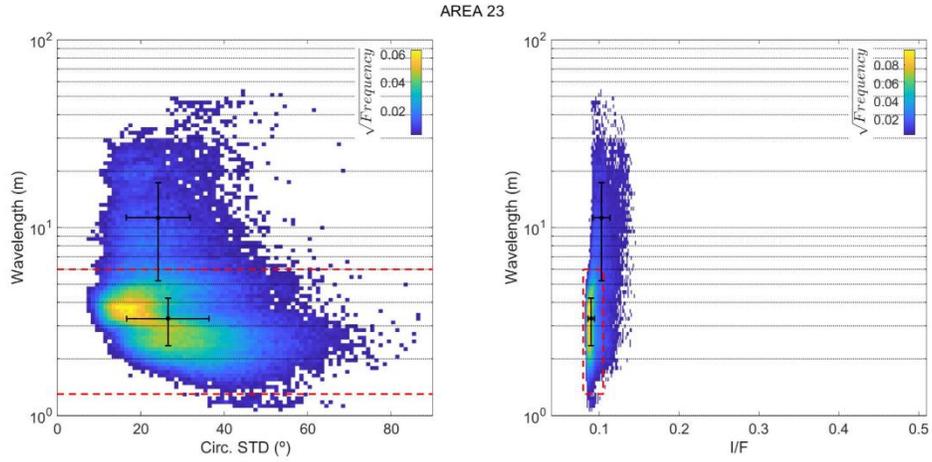
- 0,087 - 0,107
- 0,107 - 0,194
- 0,194 - 0,199
- 0,199 - 0,204
- 0,204 - 0,244

Bedform type

- Large ripple
- Megaripple / TAR

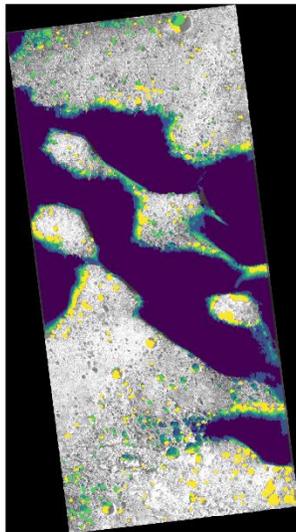
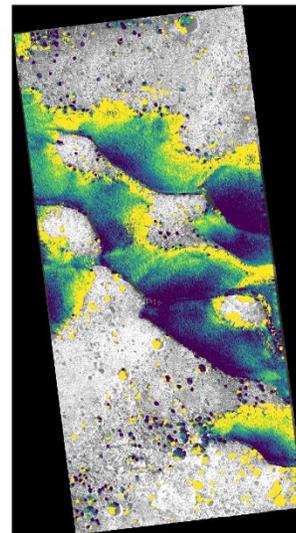


Area 23



Wavelength (m)

- 1,3 - 2,46
- 2,46 - 3,02
- 3,02 - 3,63
- 3,63 - 4,48
- 4,48 - 52,94

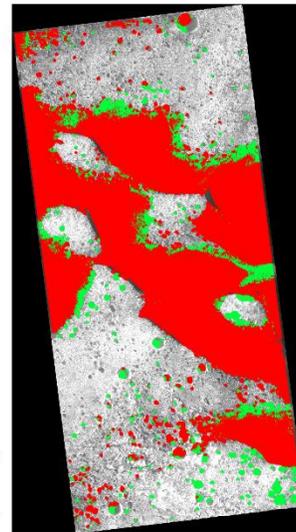


I/F

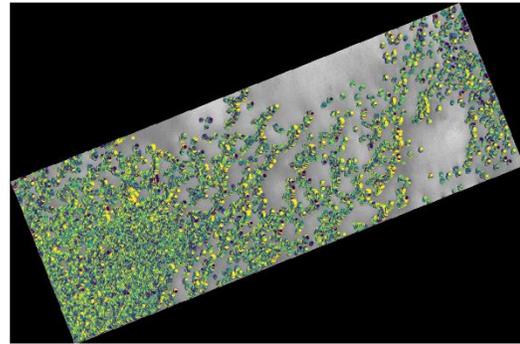
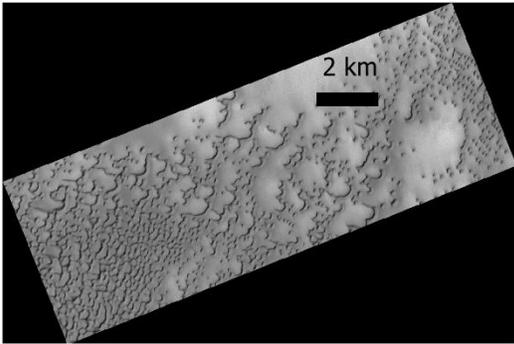
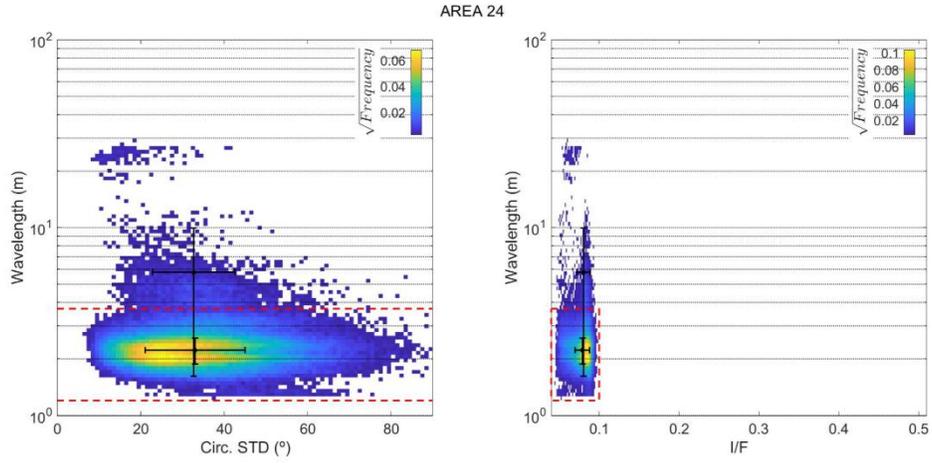
- 0,073 - 0,094
- 0,094 - 0,098
- 0,098 - 0,101
- 0,101 - 0,105
- 0,105 - 0,133

Bedform type

- Large ripple
- Megaripple / TAR



Area 24



I/F

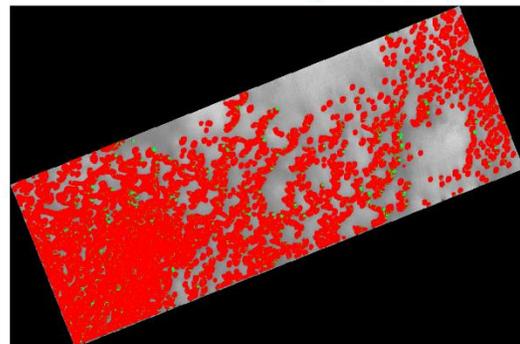
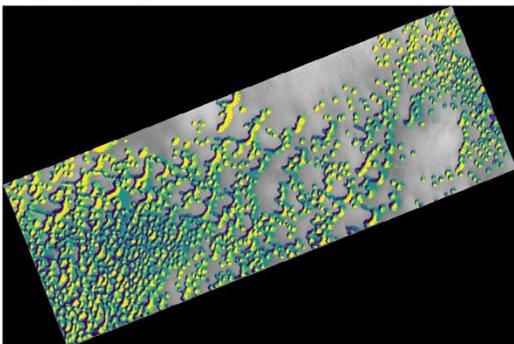
- 0,045 - 0,072
- 0,072 - 0,079
- 0,079 - 0,083
- 0,083 - 0,086
- 0,086 - 0,098

Wavelength (m)

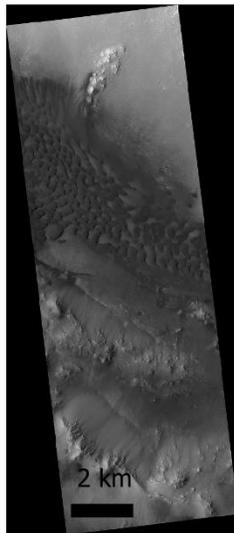
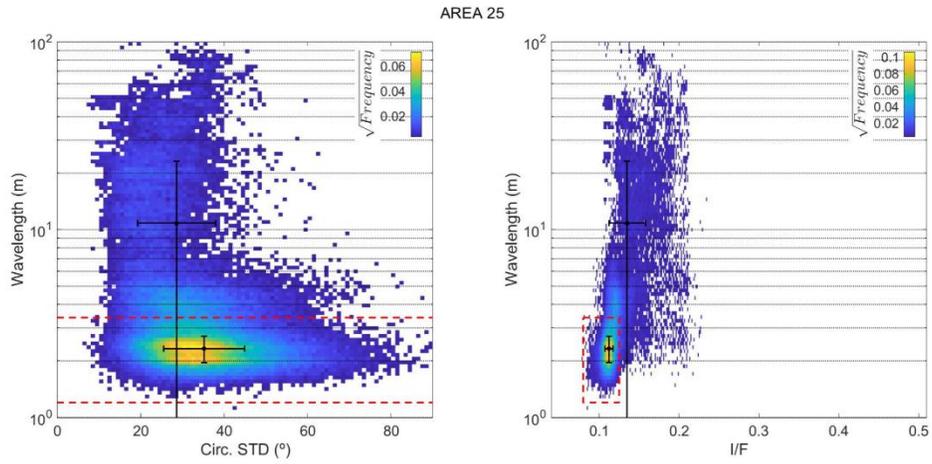
- 1,23 - 1,95
- 1,95 - 2,1
- 2,1 - 2,29
- 2,29 - 2,49
- 2,49 - 28,54

Bedform type

- Large ripple
- Megaripple / TAR

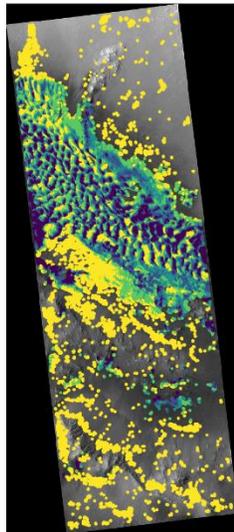
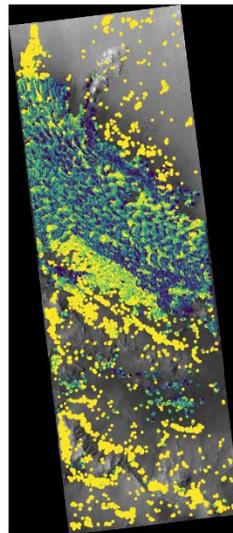


Area 25



Wavelength (m)

- 1,27 - 2,05
- 2,05 - 2,31
- 2,31 - 2,56
- 2,56 - 3,67
- 3,67 - 107,38

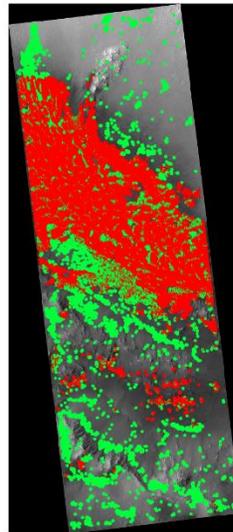


I/F

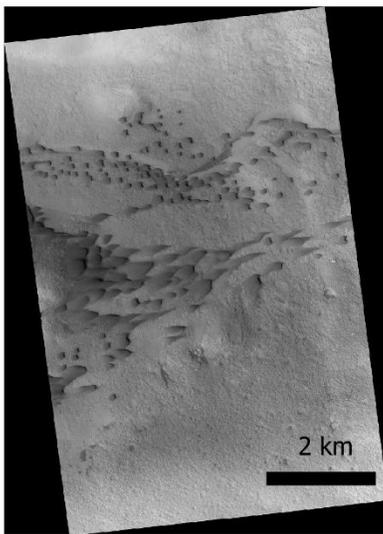
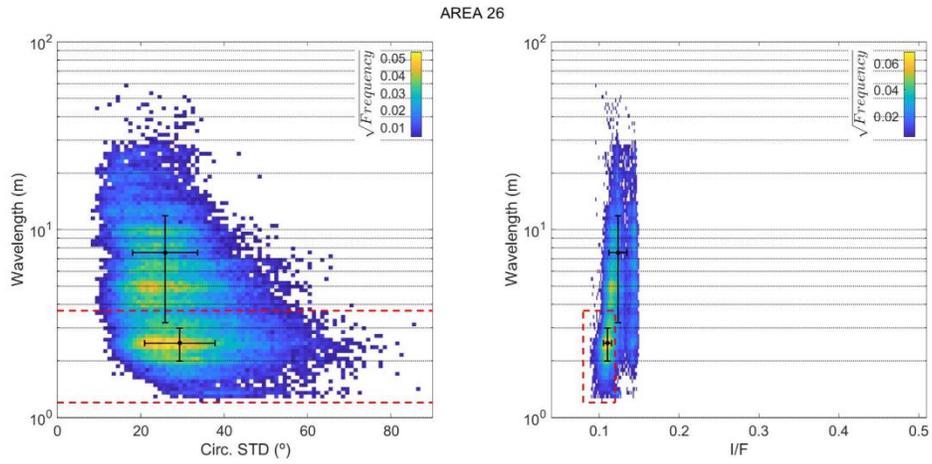
- 0,082 - 0,109
- 0,109 - 0,112
- 0,112 - 0,115
- 0,115 - 0,12
- 0,12 - 0,235

Bedform type

- Large ripple
- Megaripple / TAR

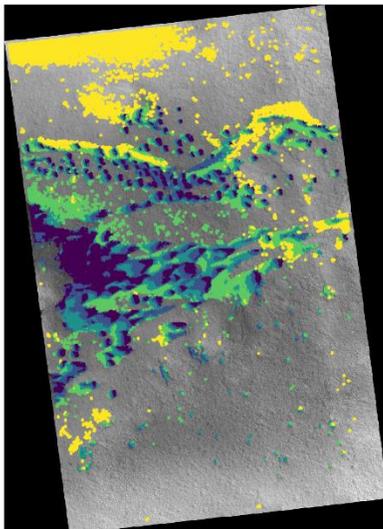
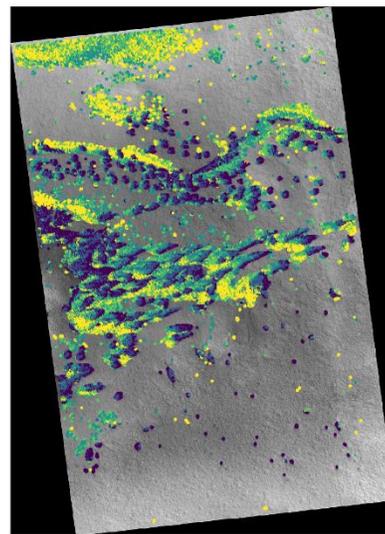


Area 26



Wavelength (m)

- 1,2 - 2,4
- 2,4 - 3,5
- 3,5 - 5
- 5 - 7,7
- 7,7 - 58,7

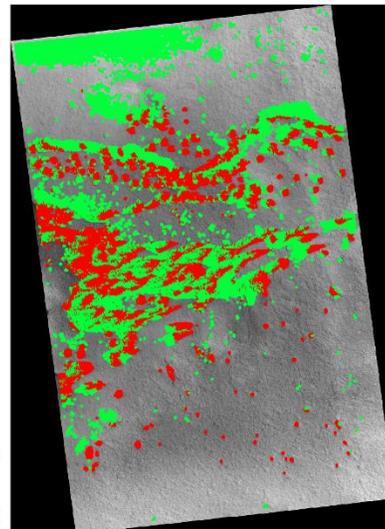


I/F

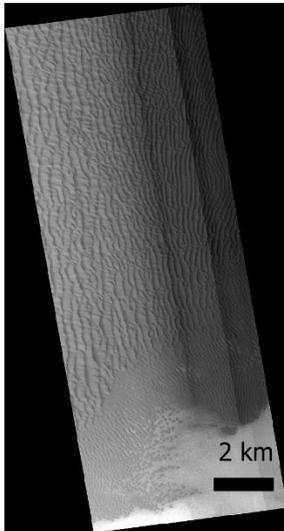
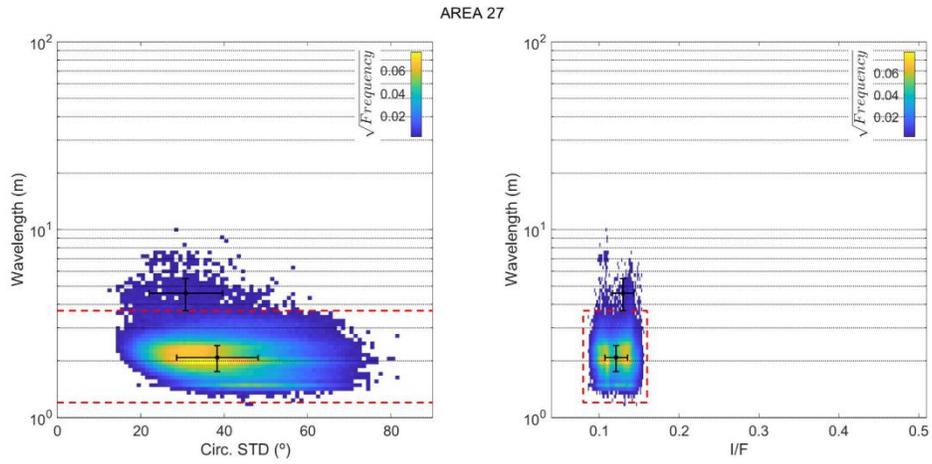
- 0,088 - 0,109
- 0,109 - 0,114
- 0,114 - 0,118
- 0,118 - 0,124
- 0,124 - 0,15

Bedform type

- Large ripple
- Megaripple / TAR

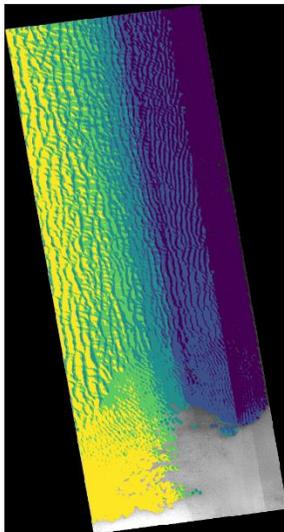
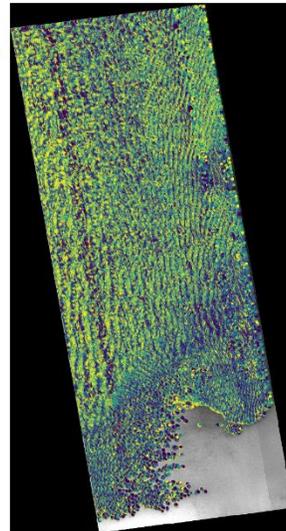


Area 27



Wavelength (m)

- 1,2 - 1,82
- 1,82 - 1,99
- 1,99 - 2,14
- 2,14 - 2,35
- 2,35 - 10,21

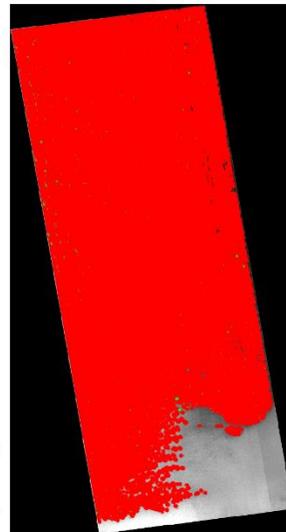


I/F

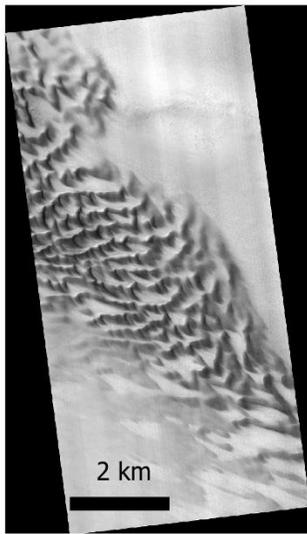
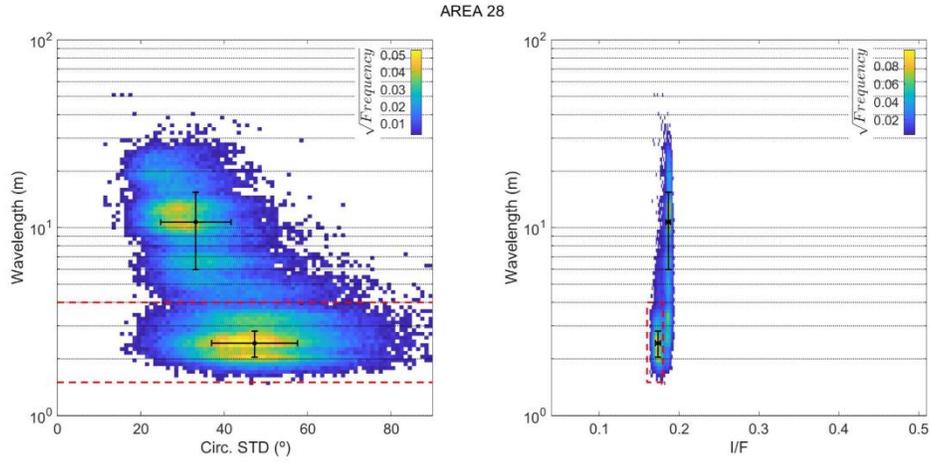
- 0,09 - 0,11
- 0,11 - 0,12
- 0,12 - 0,13
- 0,13 - 0,14
- 0,14 - 0,16

Bedform type

- Large ripple
- Megaripple / TAR

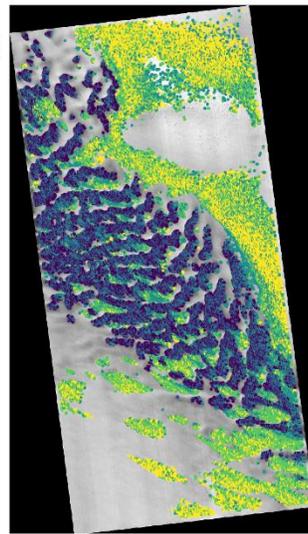


Area 28



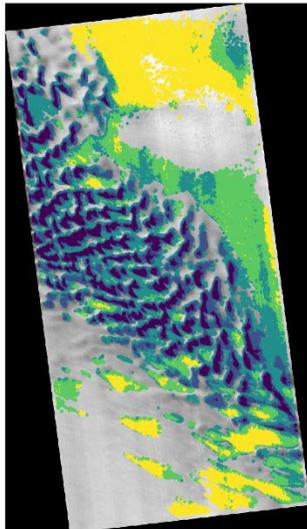
Wavelength (m)

- 1,51 - 2,31
- 2,31 - 2,74
- 2,74 - 6,54
- 6,54 - 11,41
- 11,41 - 51,13



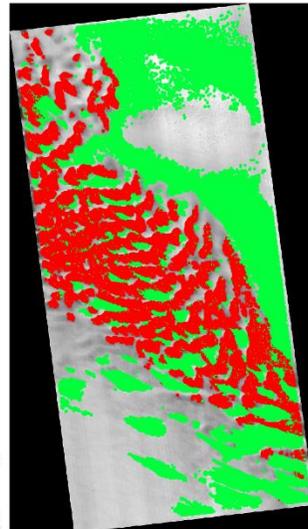
I/F

- 0,163 - 0,173
- 0,173 - 0,176
- 0,176 - 0,186
- 0,186 - 0,187
- 0,187 - 0,193

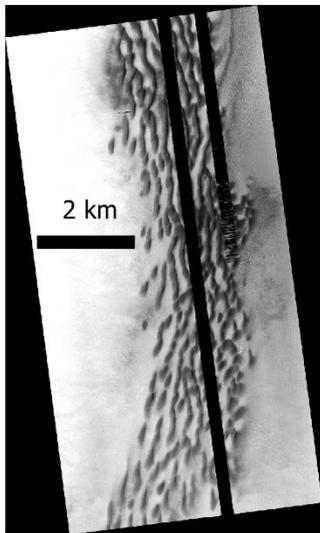
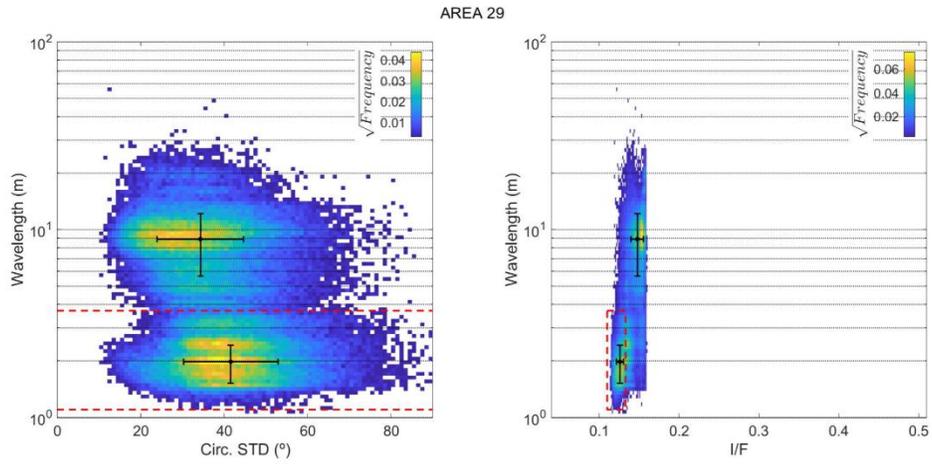


Bedform type

- Large ripple
- Megaripple / TAR

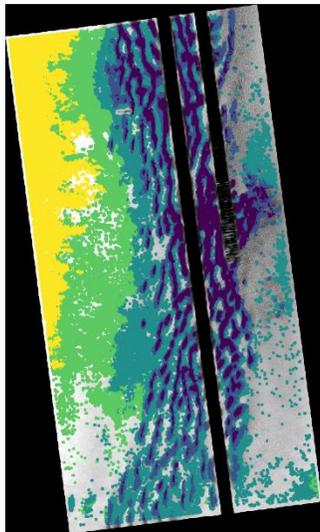
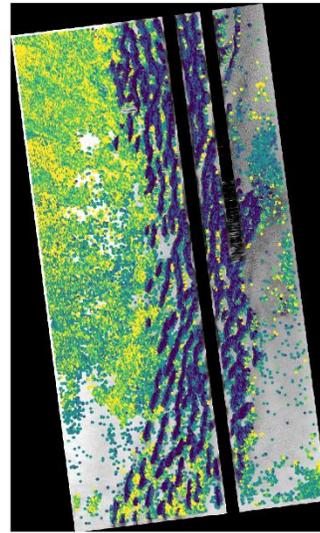


Area 29



Wavelength (m)

- 1,1 - 1,91
- 1,91 - 4,11
- 4,11 - 7,82
- 7,82 - 9,84
- 9,84 - 56,76

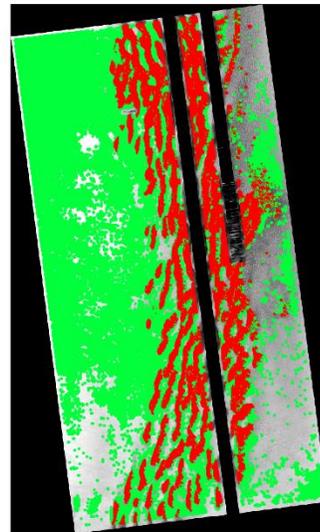


I/F

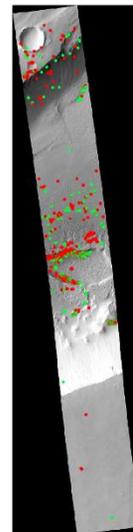
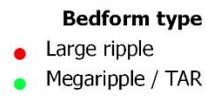
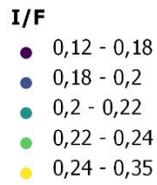
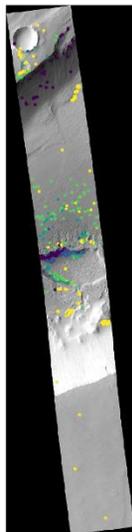
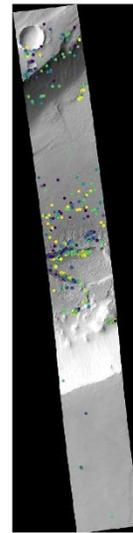
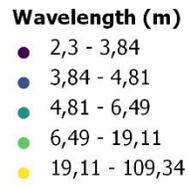
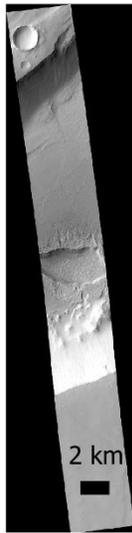
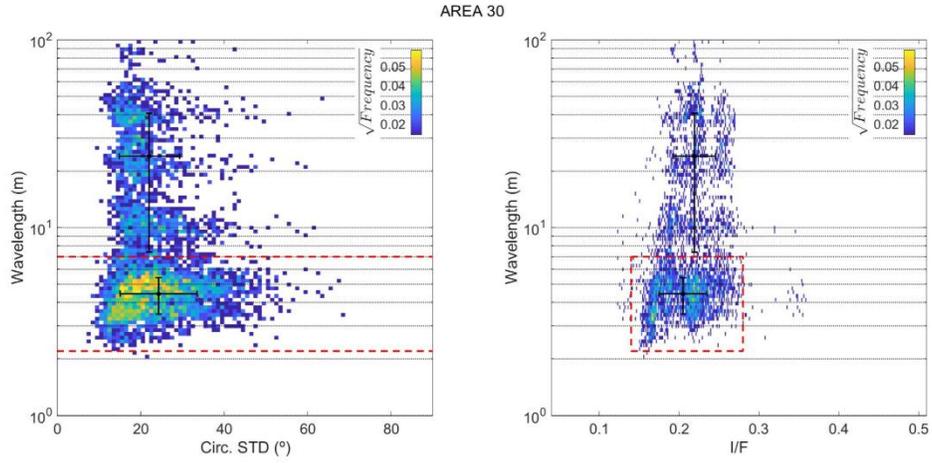
- 0,114 - 0,127
- 0,127 - 0,133
- 0,133 - 0,146
- 0,146 - 0,153
- 0,153 - 0,16

Bedform type

- Large ripple
- Megaripple / TAR

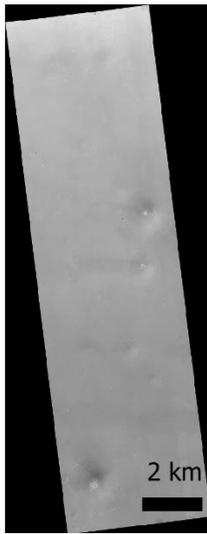
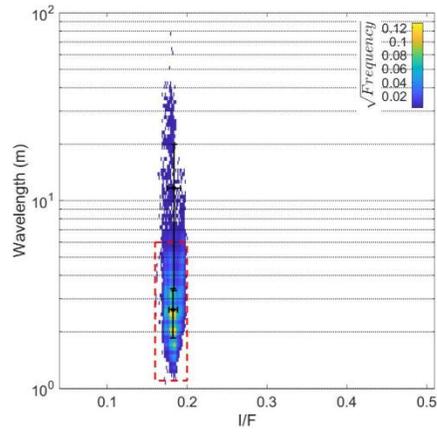
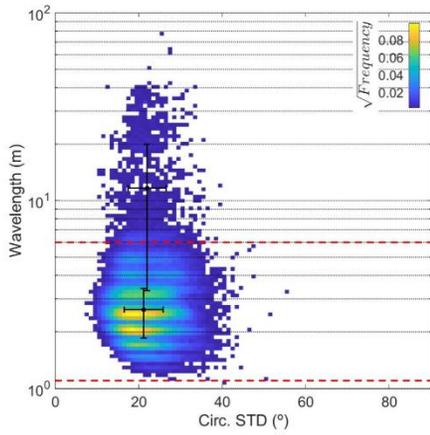


Area 30



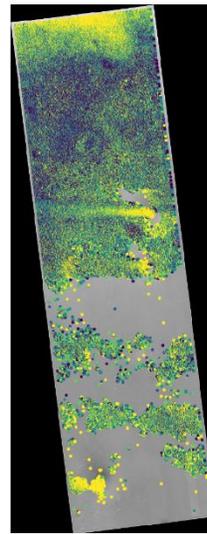
Area 31

AREA 31



Wavelength (m)

- 1,1 - 2,02
- 2,02 - 2,38
- 2,38 - 2,59
- 2,59 - 3,2
- 3,2 - 78,22

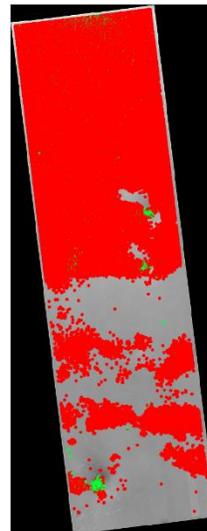


I/F

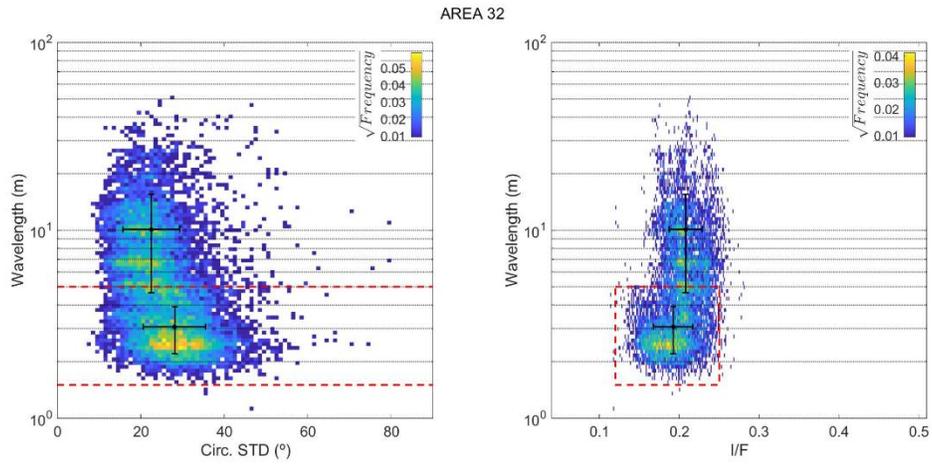
- 0,161 - 0,179
- 0,179 - 0,181
- 0,181 - 0,184
- 0,184 - 0,186
- 0,186 - 0,201

Bedform type

- Large ripple
- Megaripple / TAR

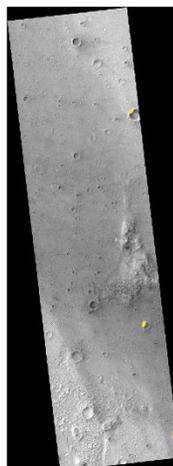
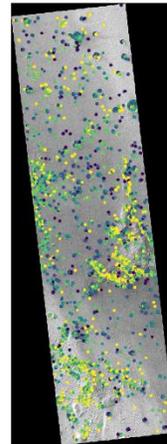


Area 32



Wavelength (m)

- 1.3 - 2.27
- 2.27 - 2.77
- 2.77 - 4.32
- 4.32 - 6.86
- 6.86 - 52.32

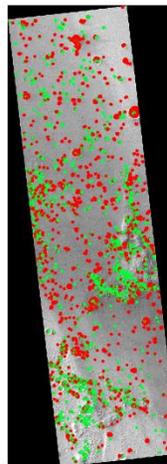


I/F

- 0.0729 - 0.0944
- 0.0944 - 0.0979
- 0.0979 - 0.1012
- 0.1012 - 0.1053
- 0.1053 - 0.1331

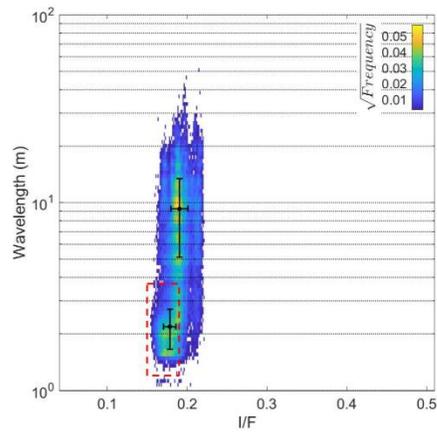
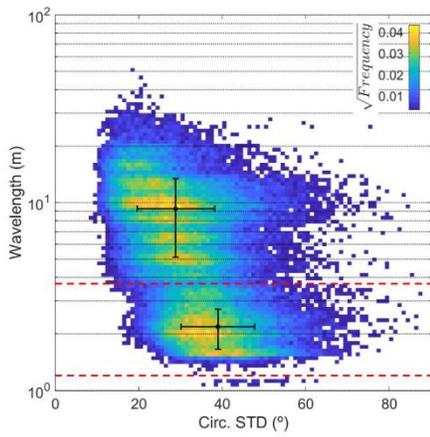
Bedform type

- Large ripple
- Megaripple / TAR



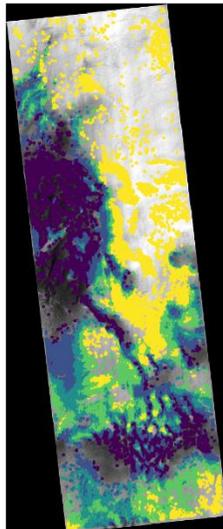
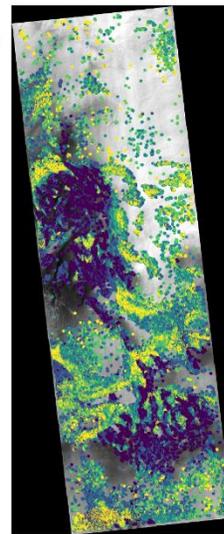
Area 33

AREA 33



Wavelength (m)

- 1,25 - 2,23
- 2,23 - 4,8
- 4,8 - 7,8
- 7,8 - 10,66
- 10,66 - 50,92

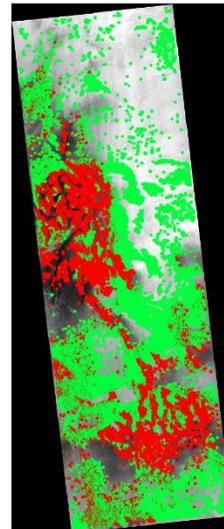


I/F

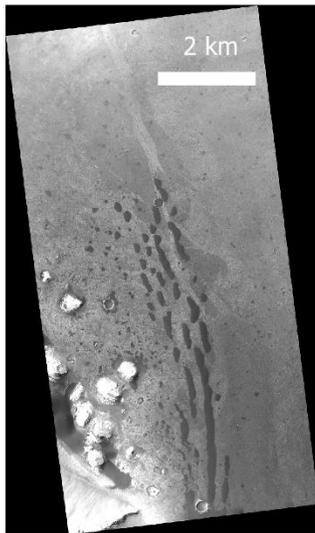
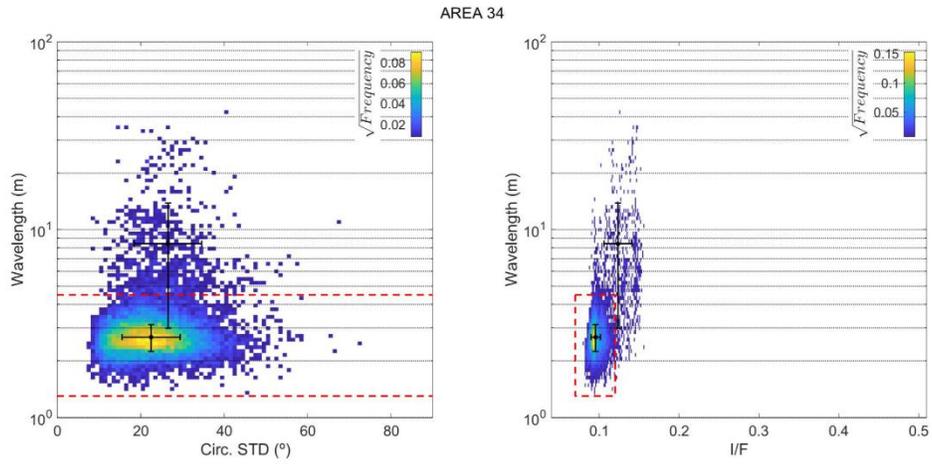
- 0,154 - 0,178
- 0,178 - 0,185
- 0,185 - 0,188
- 0,188 - 0,193
- 0,193 - 0,221

Bedform type

- Large ripple
- Megaripple / TAR

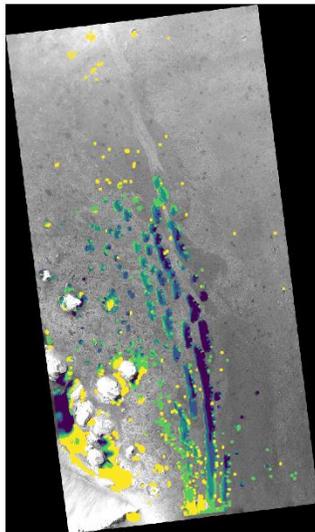
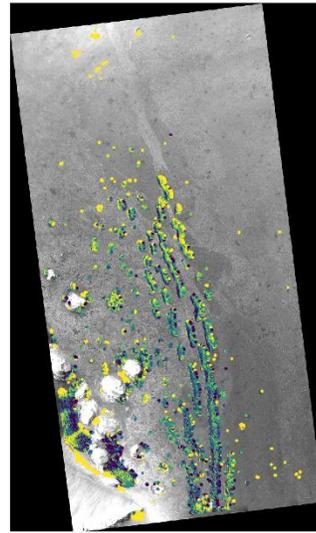


Area 34



Wavelength (m)

- 1,37 - 2,36
- 2,36 - 2,54
- 2,54 - 2,75
- 2,75 - 3,07
- 3,07 - 41,91

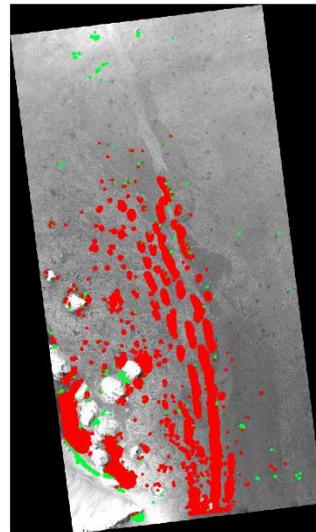


I/F

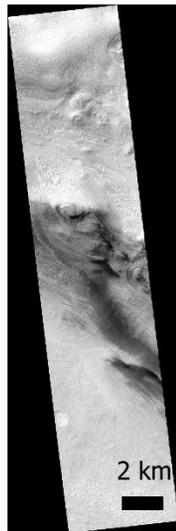
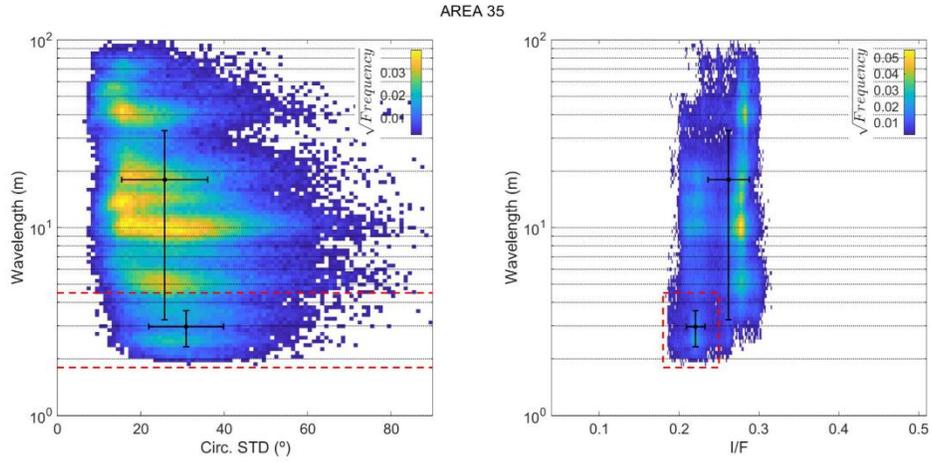
- 0,08 - 0,092
- 0,092 - 0,093
- 0,093 - 0,095
- 0,095 - 0,101
- 0,101 - 0,156

Bedform type

- Large ripple
- Megaripple / TAR

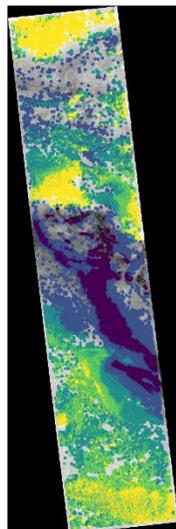
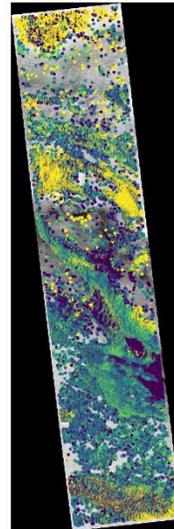


Area 35



Wavelength (m)

- 1,9 - 6,6
- 6,6 - 10,2
- 10,2 - 14
- 14 - 22,8
- 22,8 - 100,6

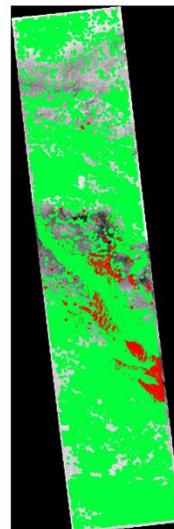


I/F

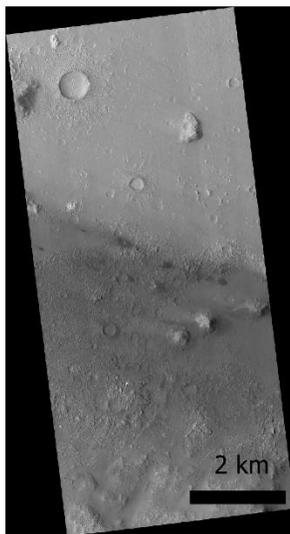
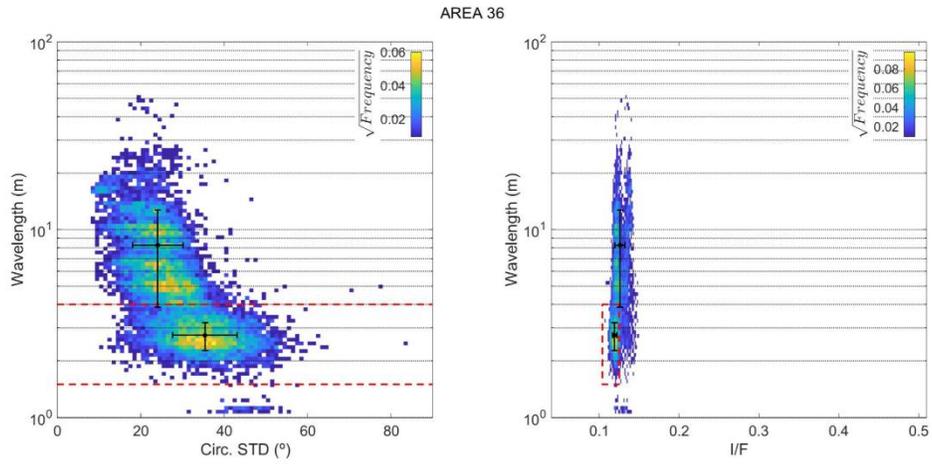
- 0,184 - 0,226
- 0,226 - 0,266
- 0,266 - 0,276
- 0,276 - 0,281
- 0,281 - 0,316

Bedform type

- Large ripple
- Megaripple / TAR

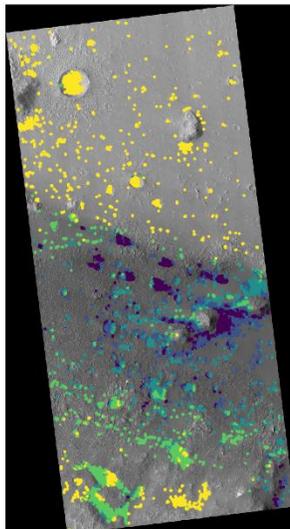
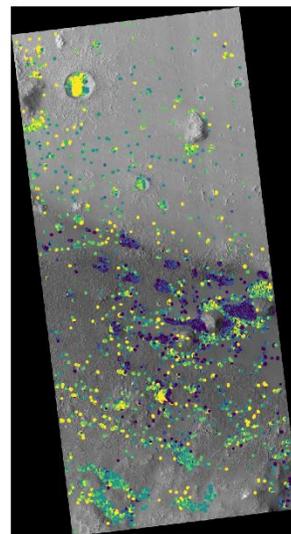


Area 36



Wavelength (m)

- 1,5 - 2,7
- 2,7 - 4,1
- 4,1 - 5,6
- 5,6 - 9,2
- 9,2 - 50,9

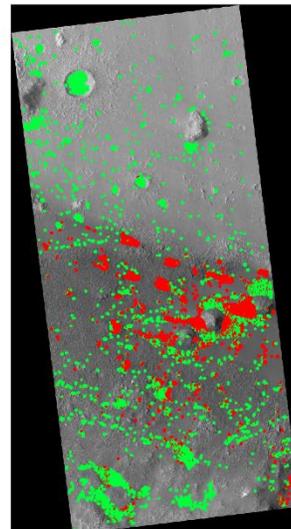


I/F

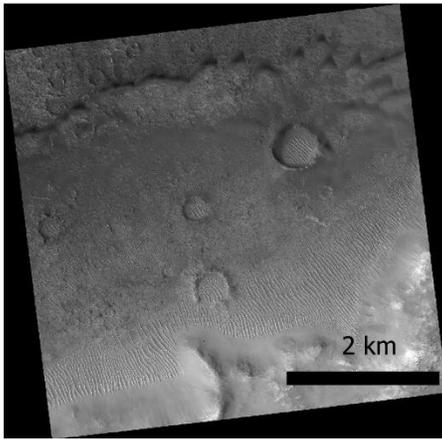
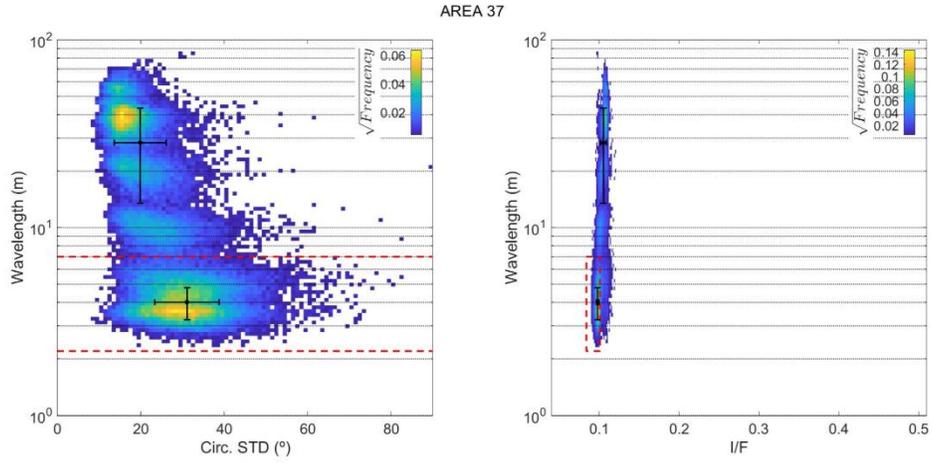
- 0,108 - 0,119
- 0,119 - 0,121
- 0,121 - 0,123
- 0,123 - 0,127
- 0,127 - 0,149

Bedform type

- Large ripple
- Megaripple / TAR

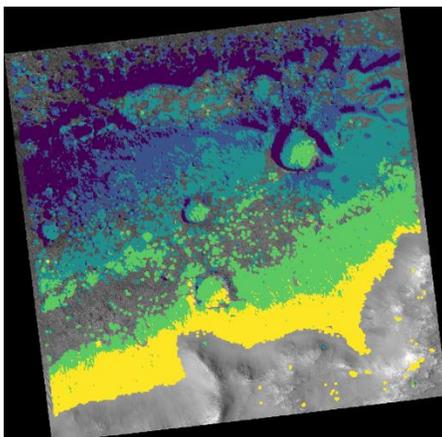
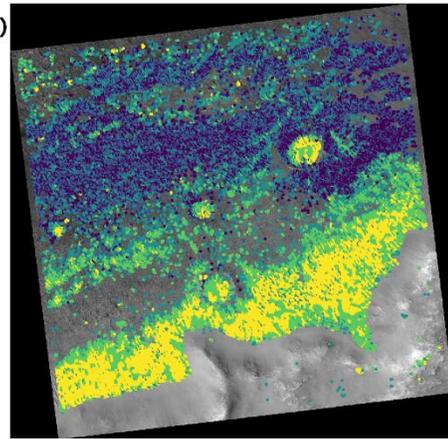


Area 37



Wavelength (m)

- 2,3 - 3,6
- 3,6 - 4,6
- 4,6 - 11,2
- 11,2 - 34,8
- 34,8 - 84

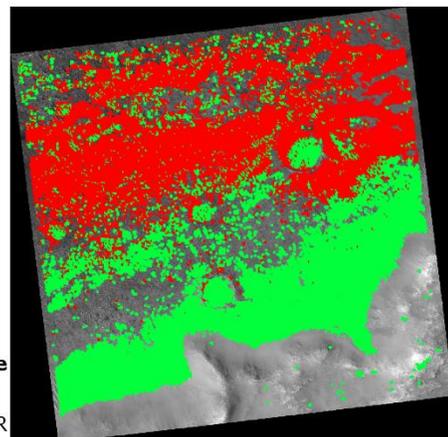


I/F

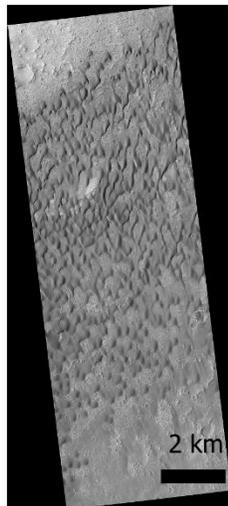
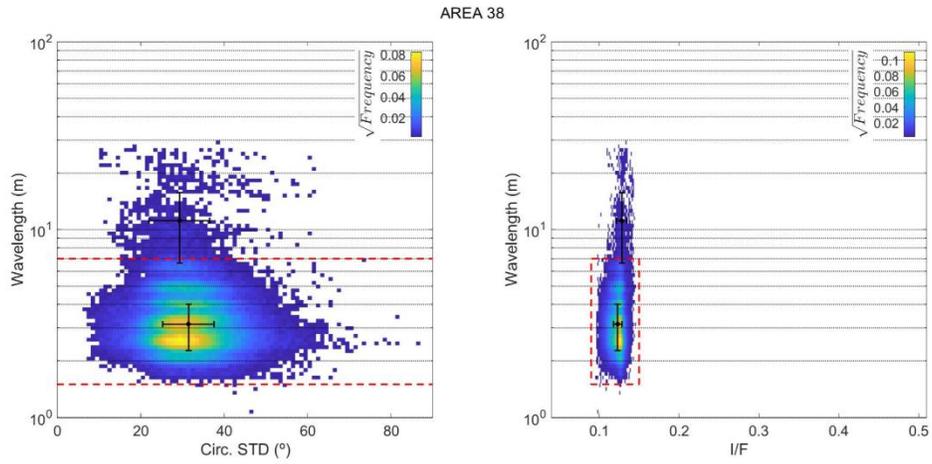
- 0,09 - 0,098
- 0,098 - 0,099
- 0,099 - 0,102
- 0,102 - 0,107
- 0,107 - 0,121

Bedform type

- Large ripple
- Megaripple / TAR

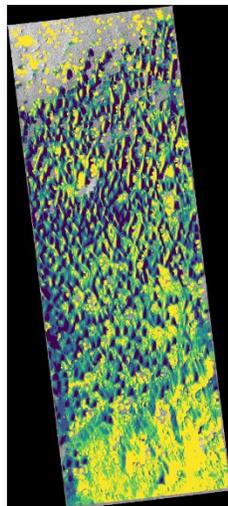
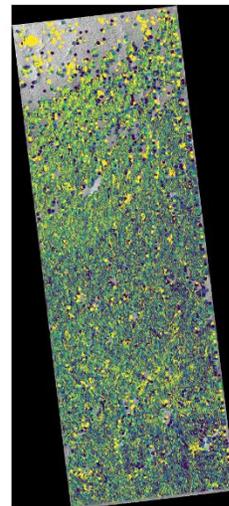


Area 38



Wavelength (m)

- 1,5 - 2,46
- 2,46 - 2,72
- 2,72 - 3,14
- 3,14 - 3,82
- 3,82 - 28,83

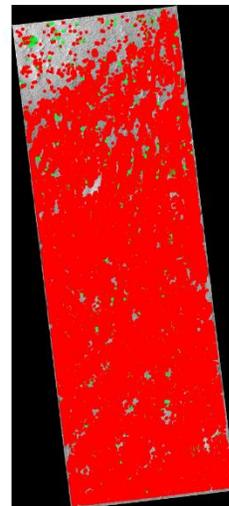


I/F

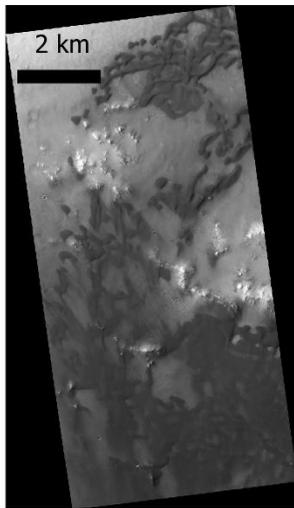
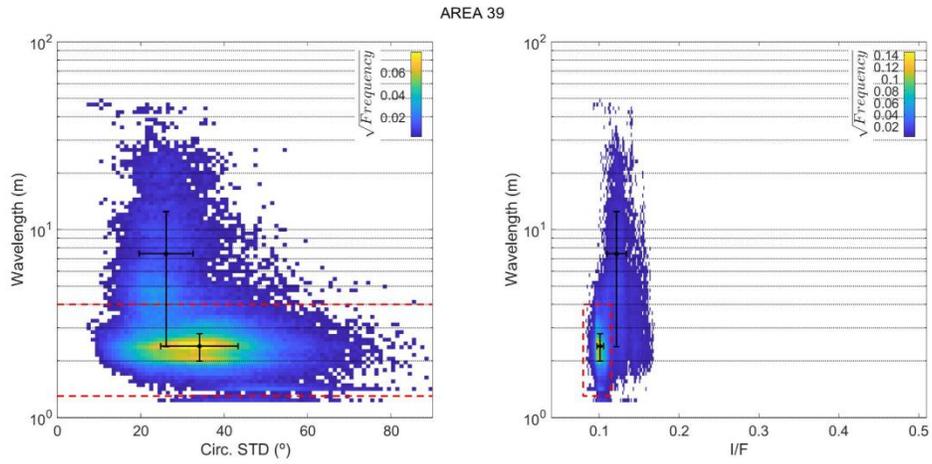
- 0,096 - 0,119
- 0,119 - 0,123
- 0,123 - 0,125
- 0,125 - 0,128
- 0,128 - 0,145

Bedform type

- Large ripple
- Megaripple / TAR

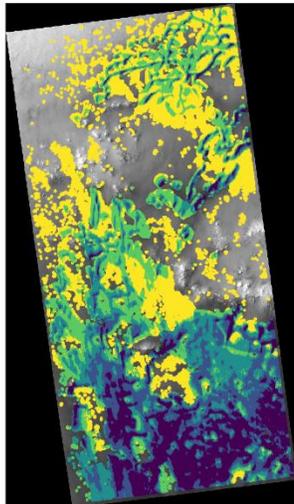
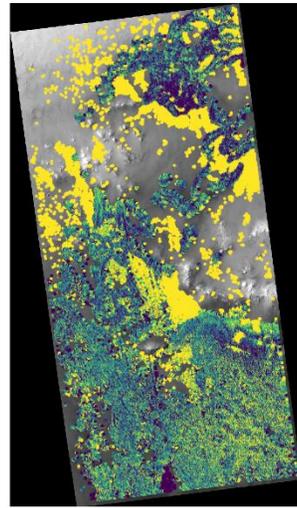


Area 39



Wavelength (m)

- 1,3 - 2,09
- 2,09 - 2,32
- 2,32 - 2,49
- 2,49 - 2,93
- 2,93 - 47,74

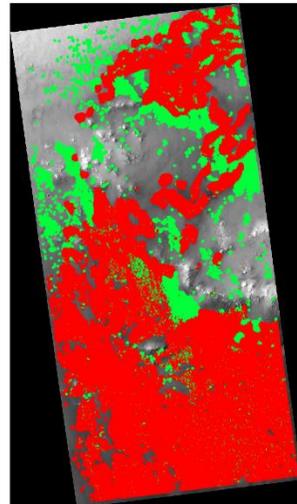


I/F

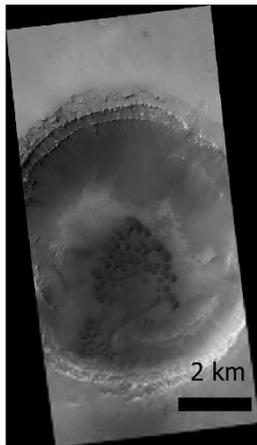
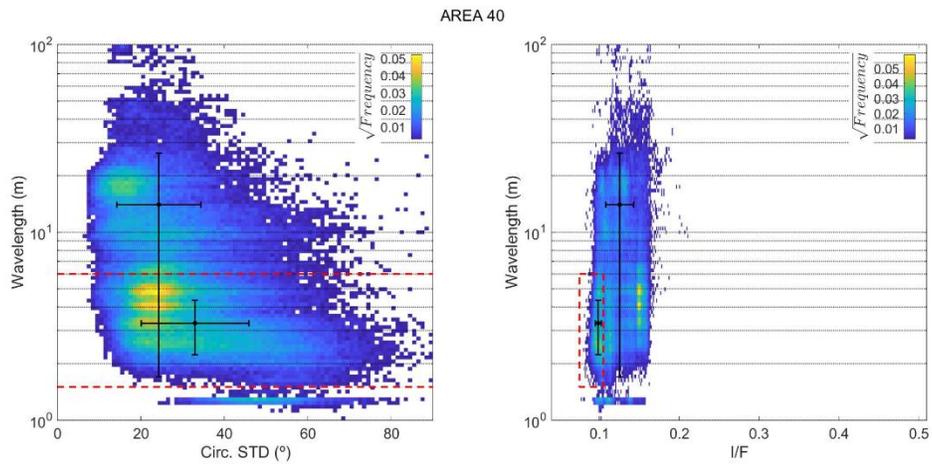
- 0,084 - 0,098
- 0,098 - 0,1
- 0,1 - 0,102
- 0,102 - 0,107
- 0,107 - 0,164

Bedform type

- Large ripple
- Megaripple / TAR

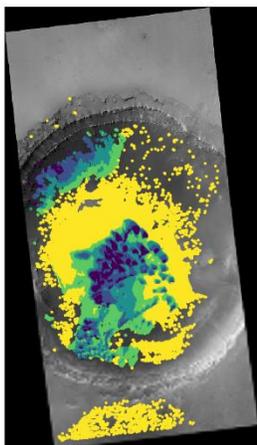
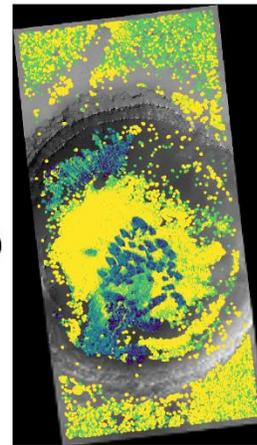


Area 40



Wavelength (m)

- 1.3 - 2.27
- 2.27 - 2.77
- 2.77 - 4.32
- 4.32 - 6.86
- 6.86 - 52.32

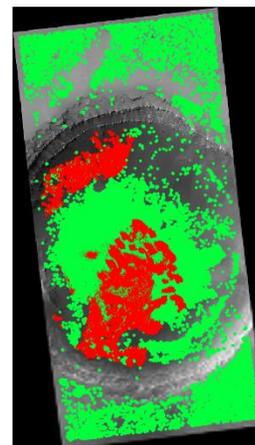


I/F

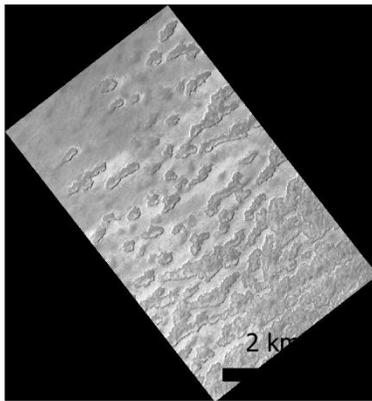
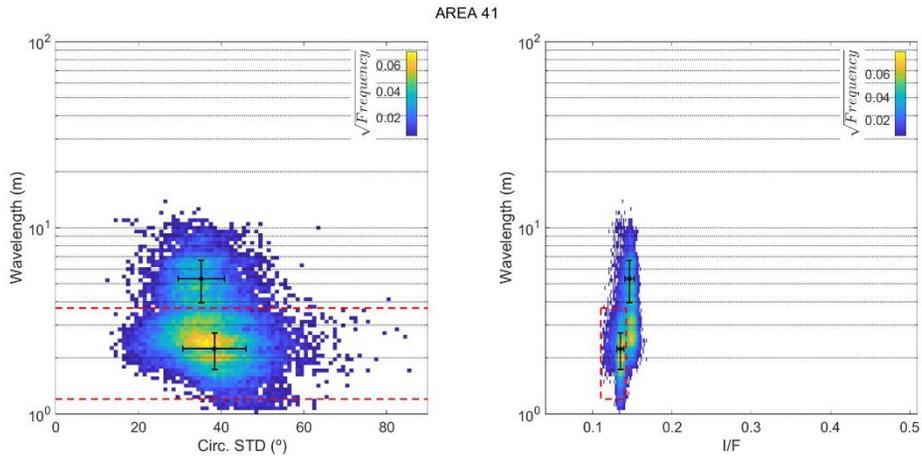
- 0.0729 - 0.0944
- 0.0944 - 0.0979
- 0.0979 - 0.1012
- 0.1012 - 0.1053
- 0.1053 - 0.1331

Bedform type

- Large ripple
- Megaripple / TAR

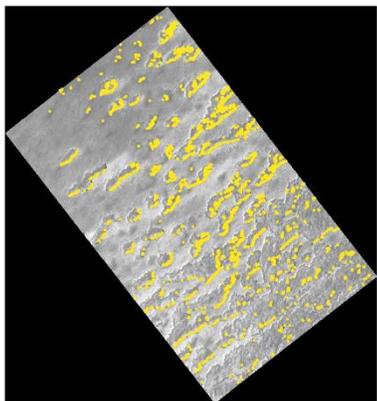
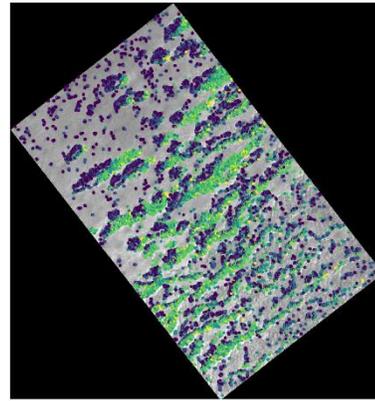


Area 41



Wavelength (m)

- 1.3 - 2.27
- 2.27 - 2.77
- 2.77 - 4.32
- 4.32 - 6.86
- 6.86 - 52.32

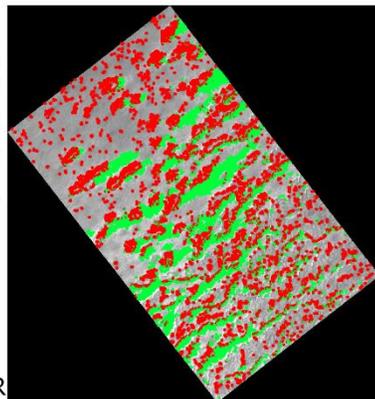


I/F

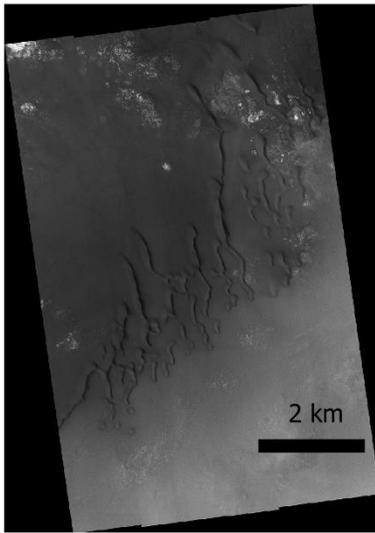
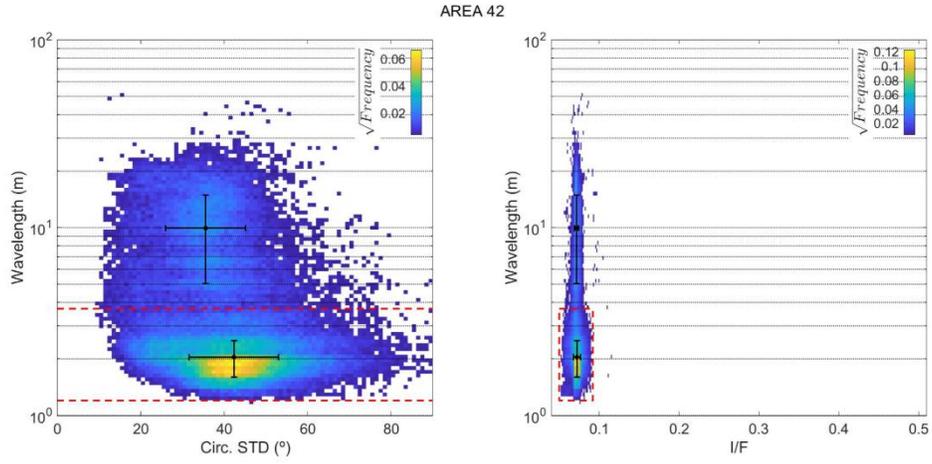
- 0.0729 - 0.0944
- 0.0944 - 0.0979
- 0.0979 - 0.1012
- 0.1012 - 0.1053
- 0.1053 - 0.1331

Bedform type

- Large ripple
- Megaripple / TAR

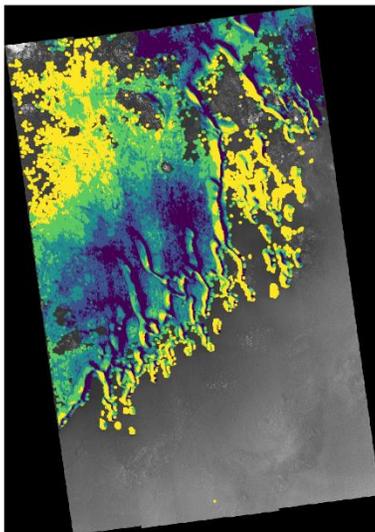
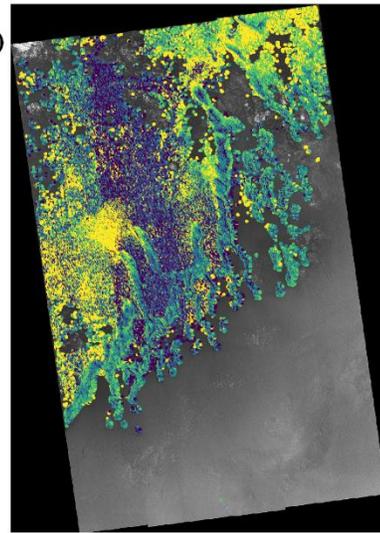


Area 42



Wavelength (m)

- 1,2 - 1,75
- 1,75 - 1,96
- 1,96 - 2,36
- 2,36 - 5,18
- 5,18 - 50,54

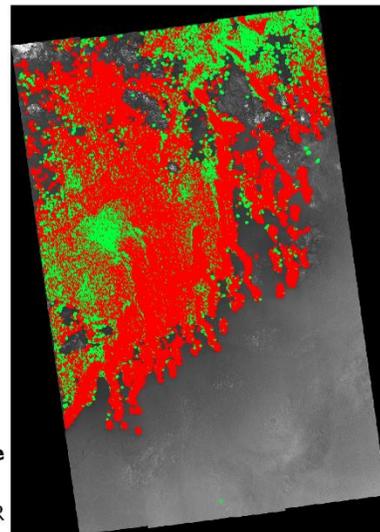


I/F

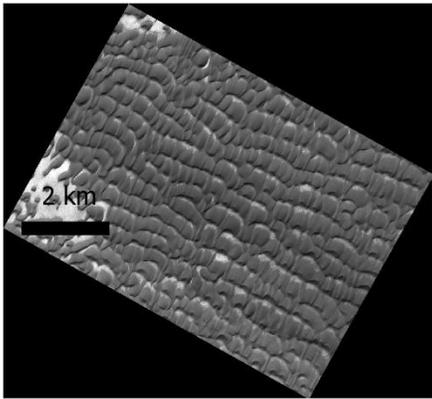
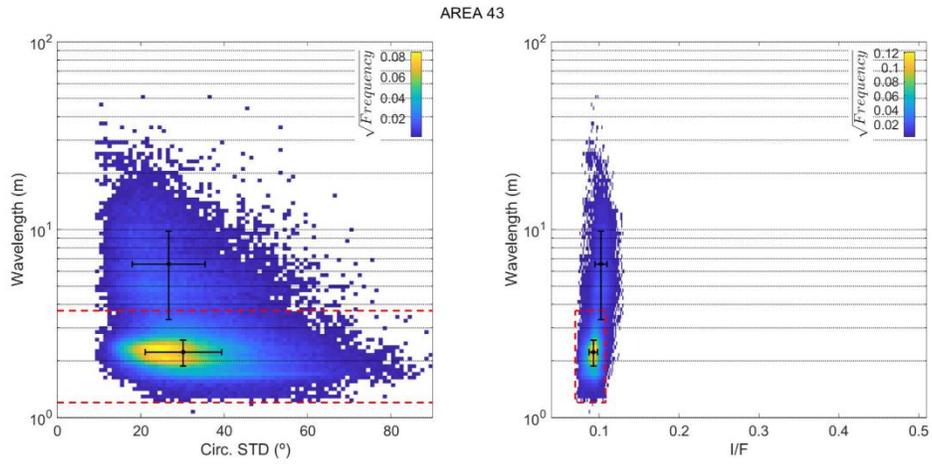
- 0,052 - 0,069
- 0,069 - 0,071
- 0,071 - 0,073
- 0,073 - 0,075
- 0,075 - 0,11

Bedform type

- Large ripple
- Megaripple / TAR

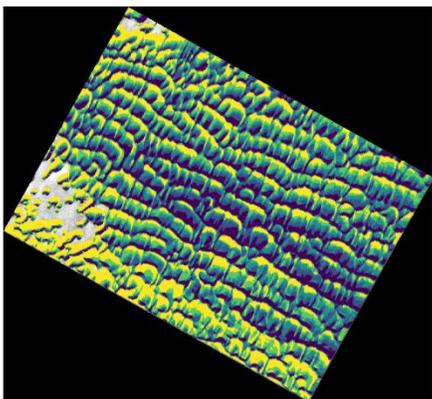
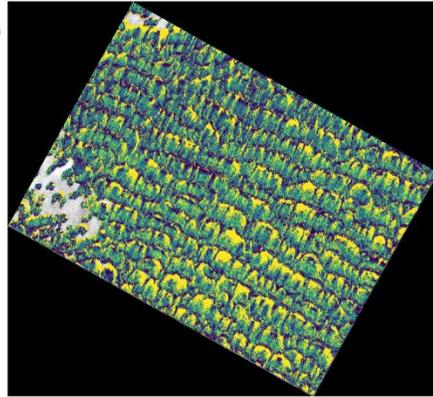


Area 43



Wavelength (m)

- 1,21 - 1,97
- 1,97 - 2,15
- 2,15 - 2,33
- 2,33 - 2,6
- 2,6 - 51,78

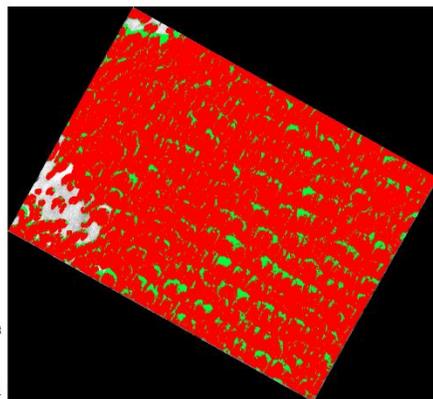


I/F

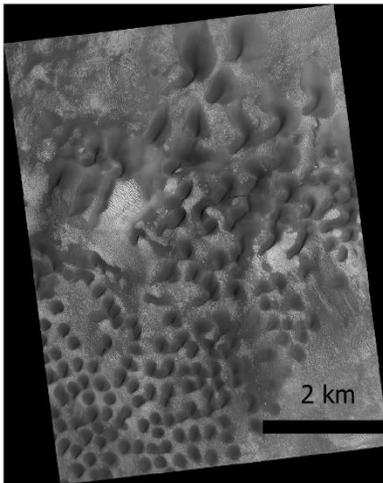
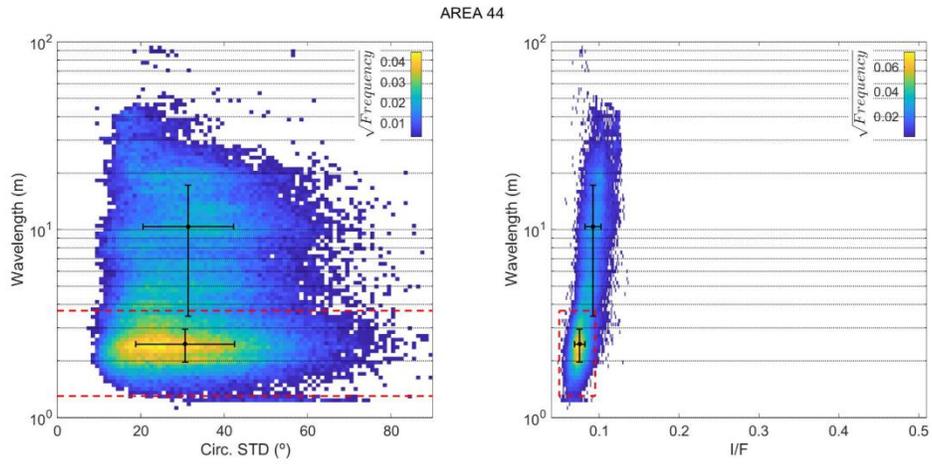
- 0,071 - 0,089
- 0,089 - 0,092
- 0,092 - 0,095
- 0,095 - 0,098
- 0,098 - 0,131

Bedform type

- Large ripple
- Megaripple / TAR

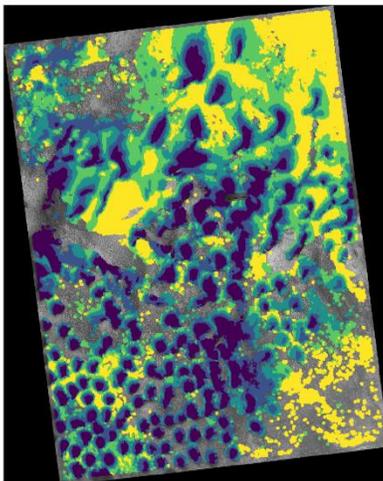
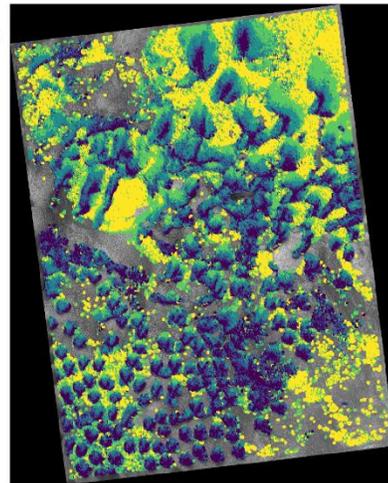


Area 44



Wavelength (m)

- 1,3 - 2,23
- 2,23 - 2,68
- 2,68 - 4,07
- 4,07 - 9,21
- 9,21 - 114,5

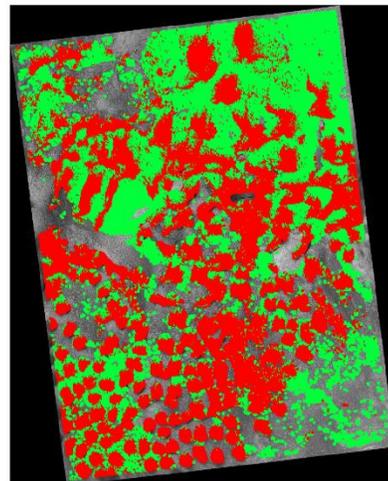


I/F

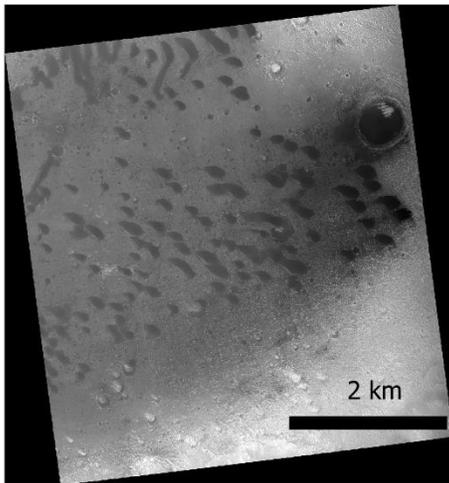
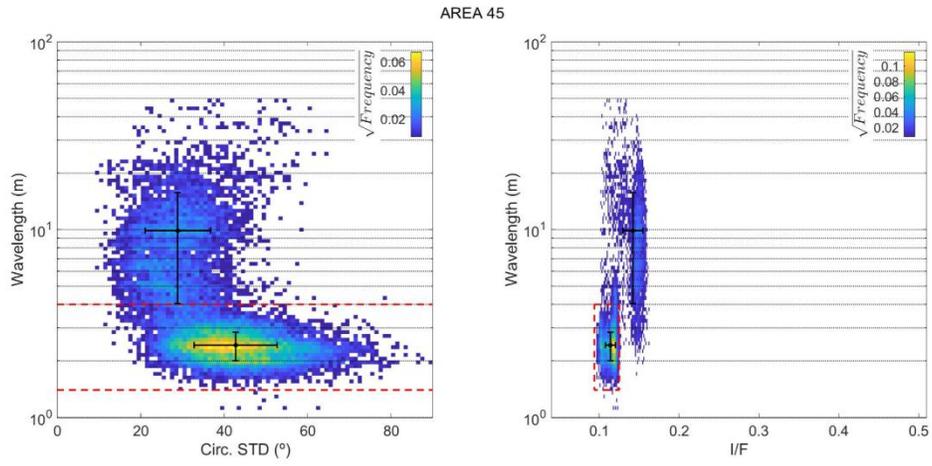
- 0,051 - 0,073
- 0,073 - 0,078
- 0,078 - 0,084
- 0,084 - 0,093
- 0,093 - 0,137

Bedform type

- Large ripple
- Megaripple / TAR

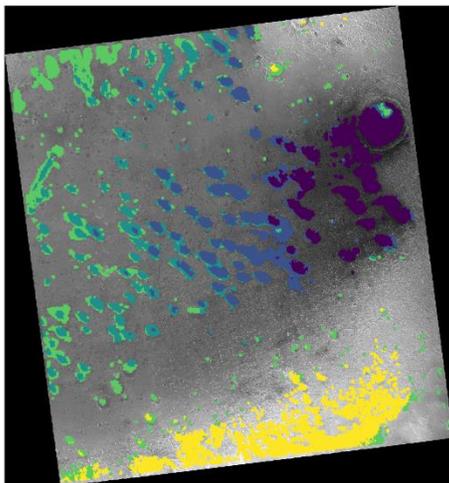
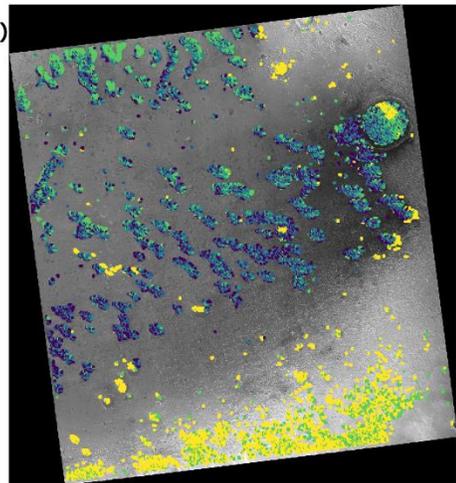


Area 45



Wavelength (m)

- 1,41 - 2,18
- 2,18 - 2,42
- 2,42 - 2,82
- 2,82 - 6,28
- 6,28 - 49

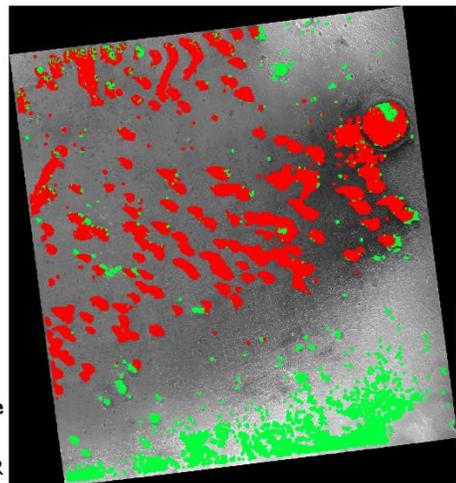


I/F

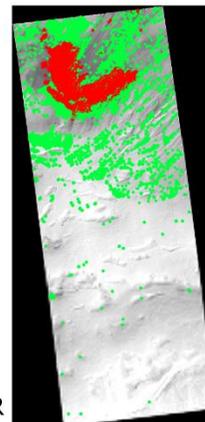
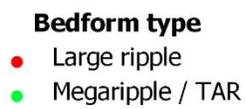
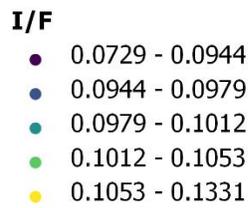
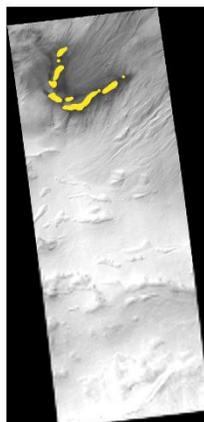
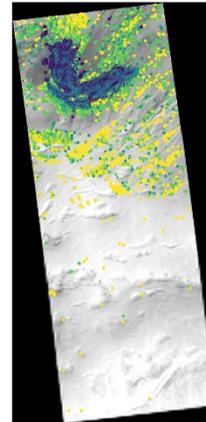
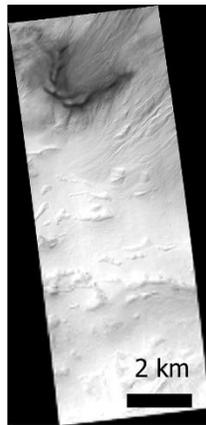
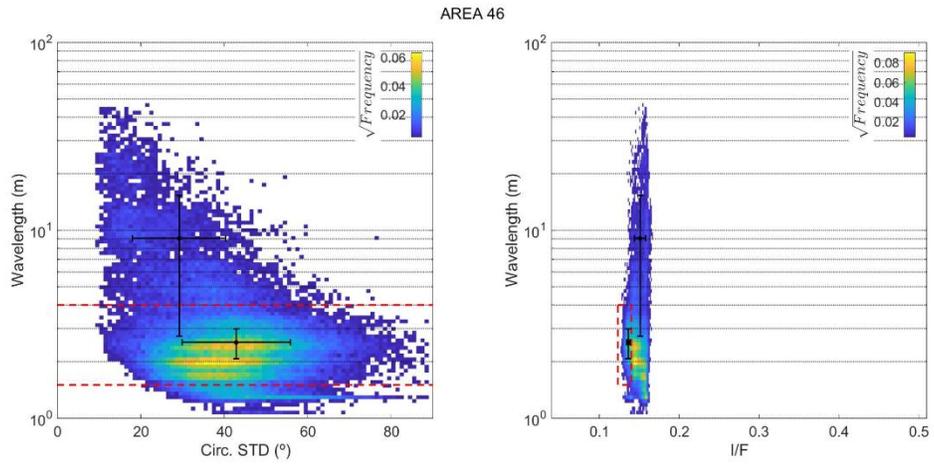
- 0,097 - 0,11
- 0,11 - 0,117
- 0,117 - 0,12
- 0,12 - 0,142
- 0,142 - 0,161

Bedform type

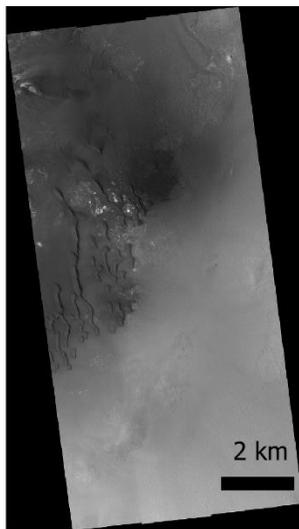
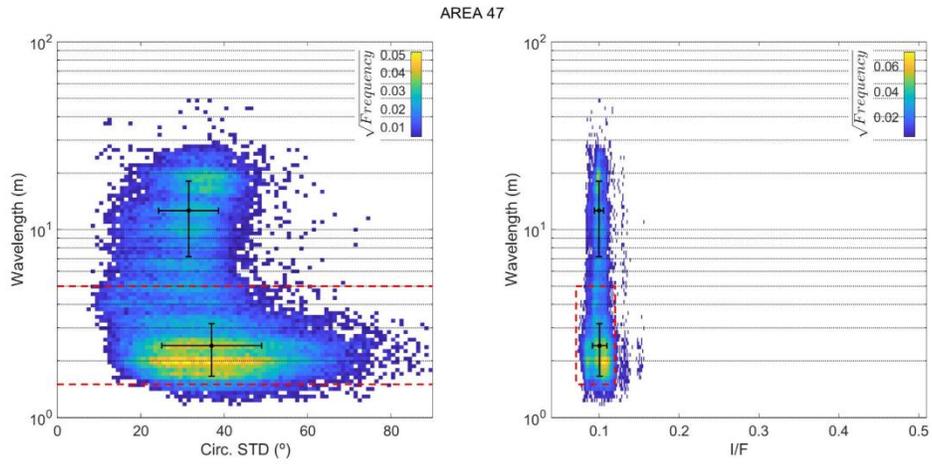
- Large ripple
- Megaripple / TAR



Area 46

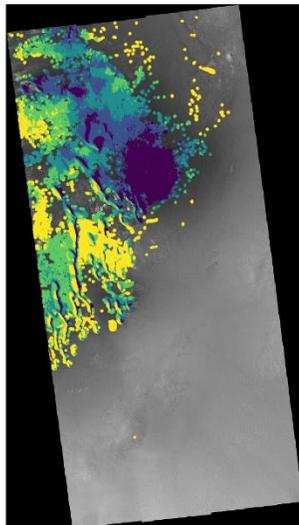
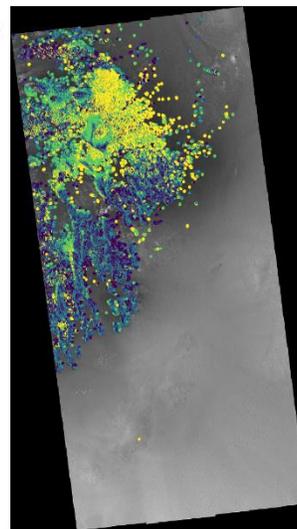


Area 47



Wavelength (m)

- 1,5 - 1,94
- 1,94 - 2,28
- 2,28 - 3,05
- 3,05 - 8,66
- 8,66 - 49,54

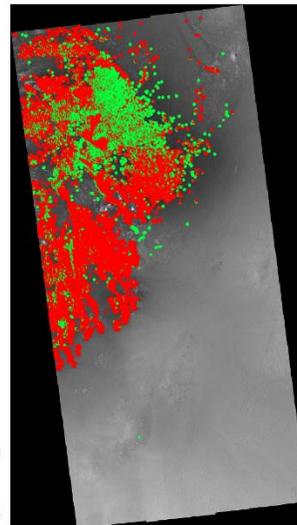


I/F

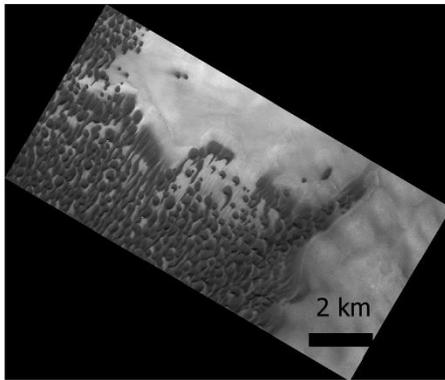
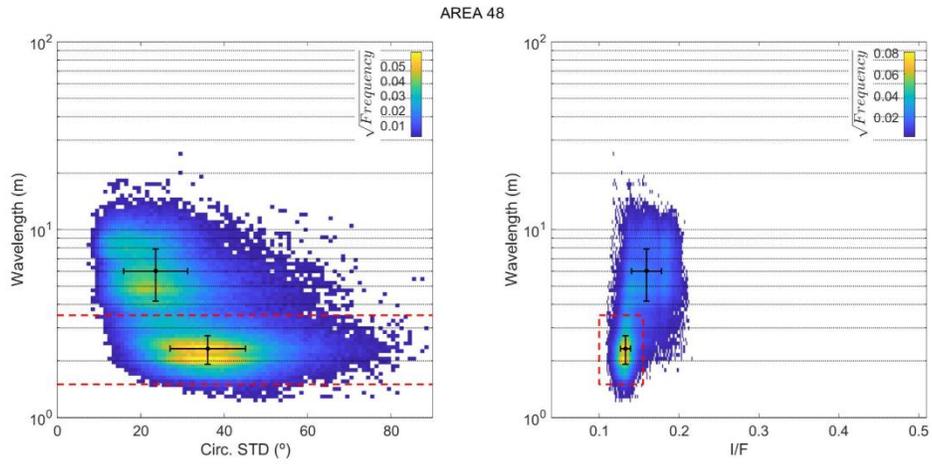
- 0,074 - 0,094
- 0,094 - 0,098
- 0,098 - 0,103
- 0,103 - 0,108
- 0,108 - 0,156

Bedform type

- Large ripple
- Megaripple / TAR

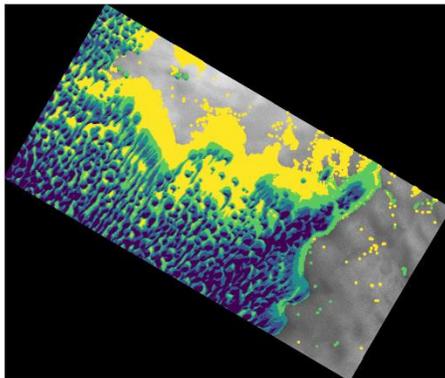
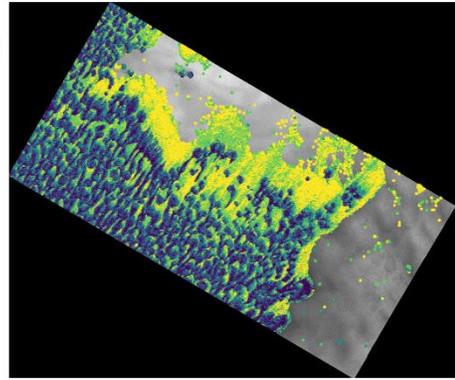


Area 48



Wavelength (m)

- 1,5 - 2,1
- 2,1 - 2,45
- 2,45 - 3,8
- 3,8 - 5,62
- 5,62 - 25,59

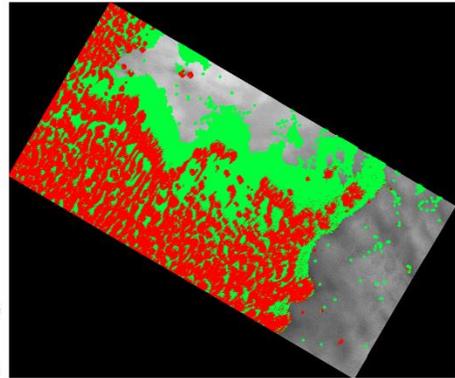


I/F

- 0,109 - 0,13
- 0,13 - 0,135
- 0,135 - 0,141
- 0,141 - 0,159
- 0,159 - 0,212

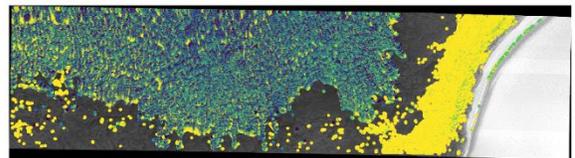
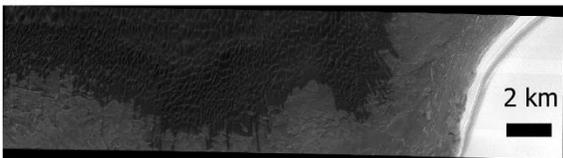
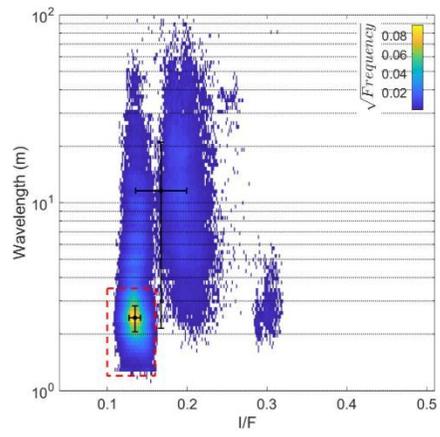
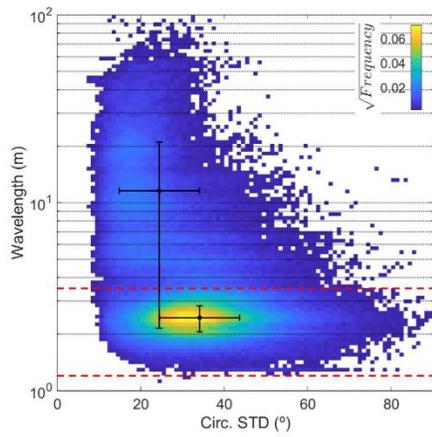
Bedform type

- Large ripple
- Megaripple / TAR



Area 49

AREA 49



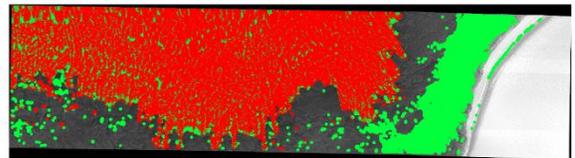
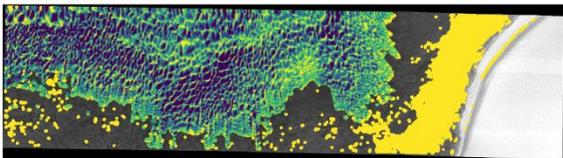
I/F

- 0,108 - 0,13
- 0,13 - 0,134
- 0,134 - 0,138
- 0,138 - 0,145
- 0,145 - 0,318

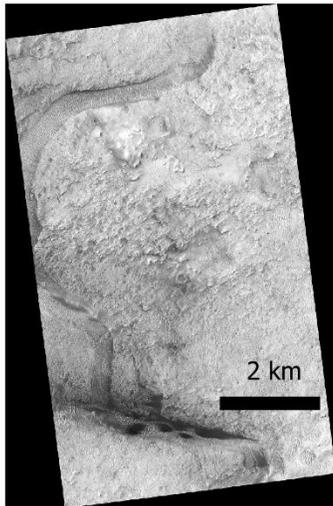
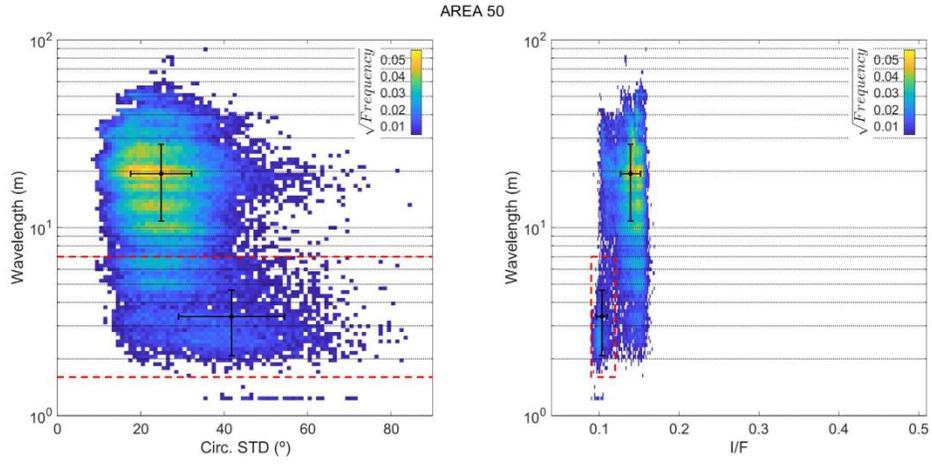
Wavelength (m)

- 1,21 - 2,2
- 2,2 - 2,44
- 2,44 - 2,72
- 2,72 - 4,6
- 4,6 - 98,3

- Bedform type**
- Large ripple
 - Megaripple / TAR

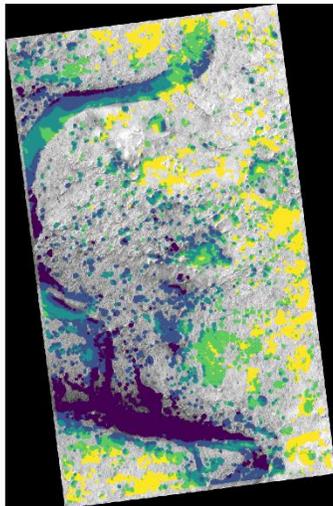
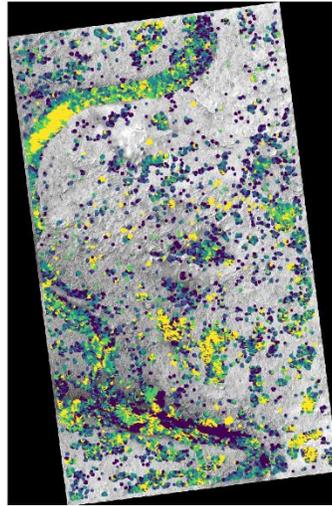


Area 50



Wavelength (m)

- 1,7 - 10,6
- 10,6 - 15,5
- 15,5 - 19,6
- 19,6 - 25
- 25 - 87,7

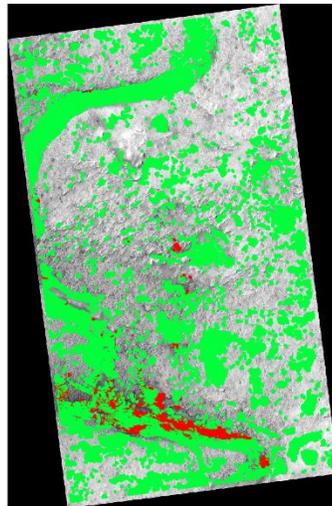


I/F

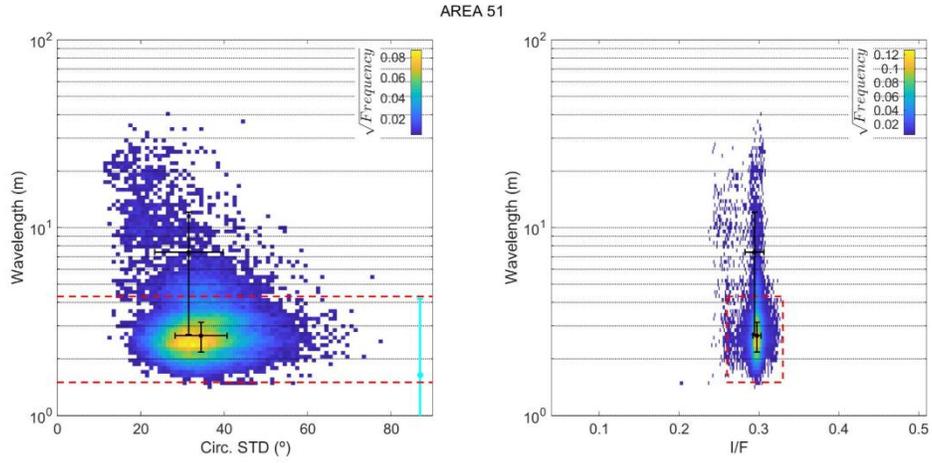
- 0,09 - 0,127
- 0,127 - 0,138
- 0,138 - 0,144
- 0,144 - 0,149
- 0,149 - 0,168

Bedform type

- Large ripple
- Megaripple / TAR

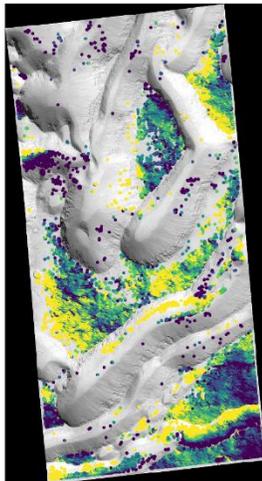
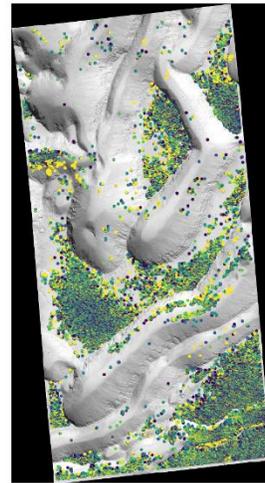


Area 51



Wavelength (m)

- 1,54 - 2,28
- 2,28 - 2,49
- 2,49 - 2,75
- 2,75 - 3,17
- 3,17 - 39,95

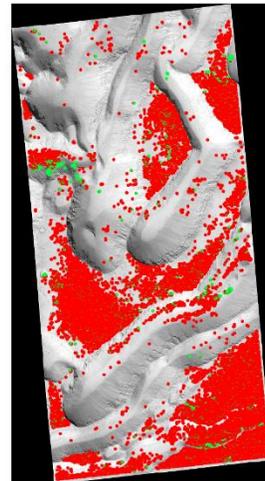


I/F

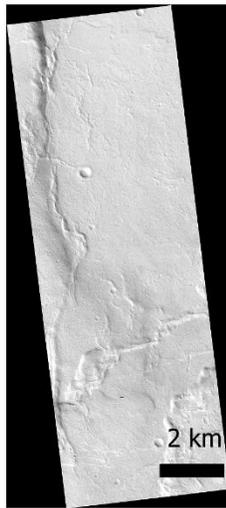
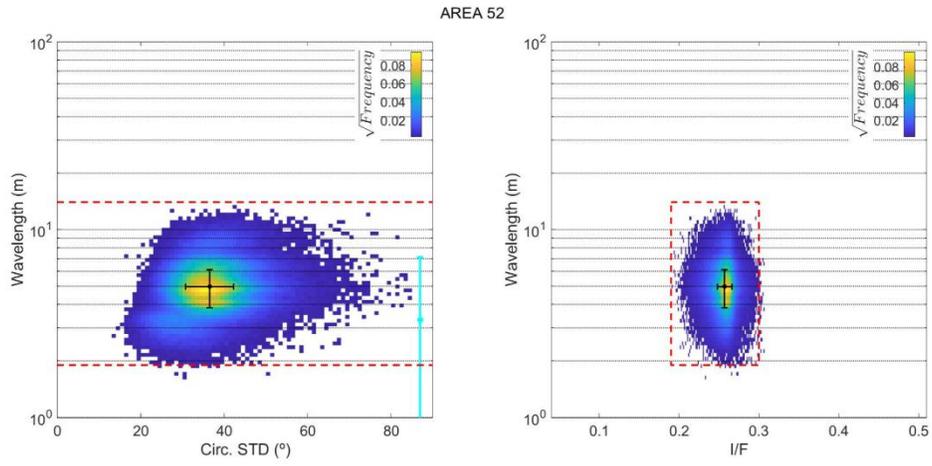
- 0,237 - 0,294
- 0,294 - 0,297
- 0,297 - 0,298
- 0,298 - 0,3
- 0,3 - 0,328

Bedform type

- Large ripple
- Megaripple / TAR

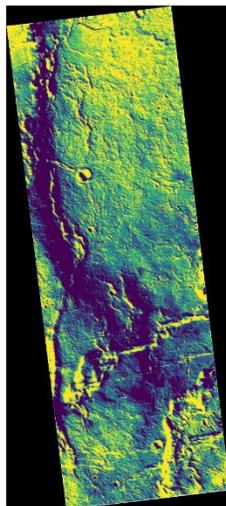
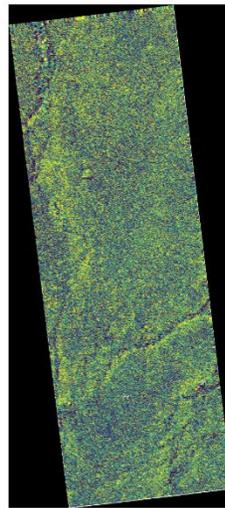


Area 52



Wavelength (m)

- 1,92 - 4,1
- 4,1 - 4,64
- 4,64 - 5,06
- 5,06 - 5,78
- 5,78 - 13,15

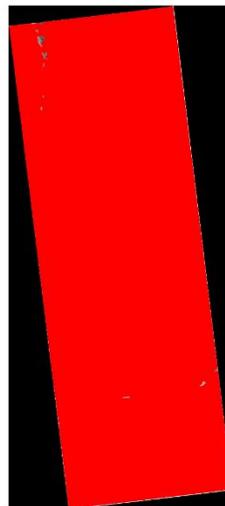


I/F

- 0,19 - 0,251
- 0,251 - 0,256
- 0,256 - 0,26
- 0,26 - 0,264
- 0,264 - 0,3

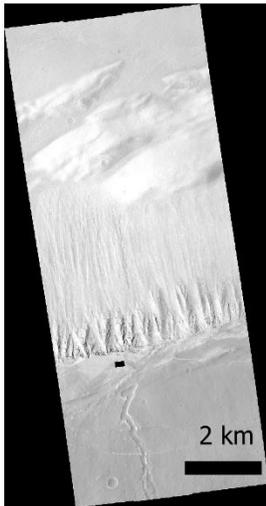
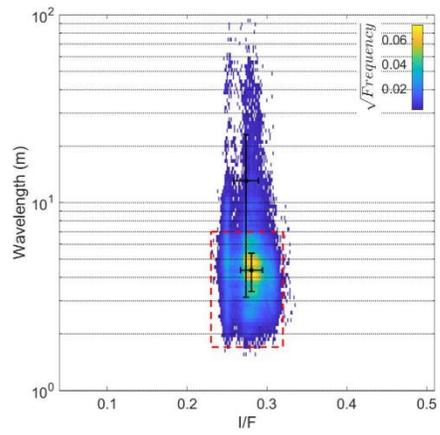
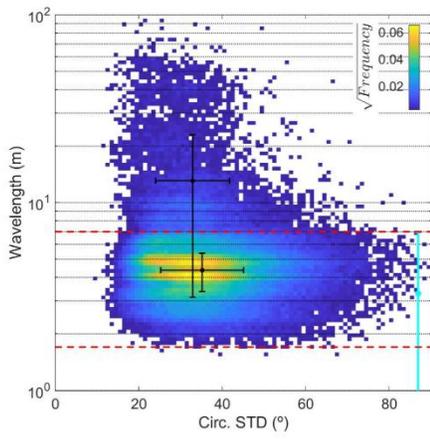
Bedform type

- Large ripple
- Megaripple / TAR



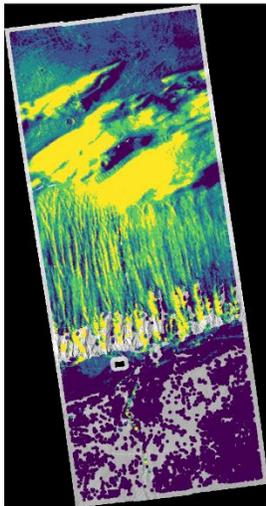
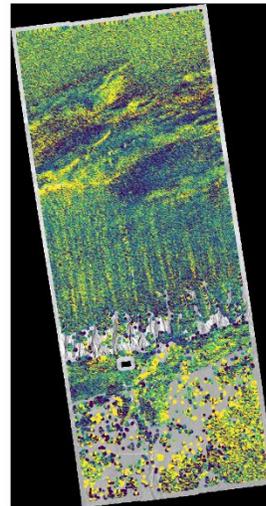
Area 53

AREA 53



Wavelength (m)

- 1,7 - 3,53
- 3,53 - 4,12
- 4,12 - 4,72
- 4,72 - 5,31
- 5,31 - 93,99

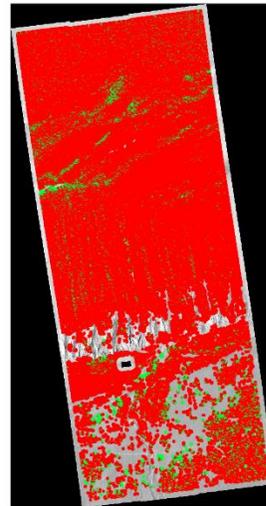


I/F

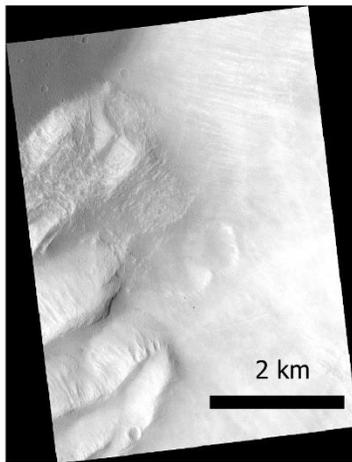
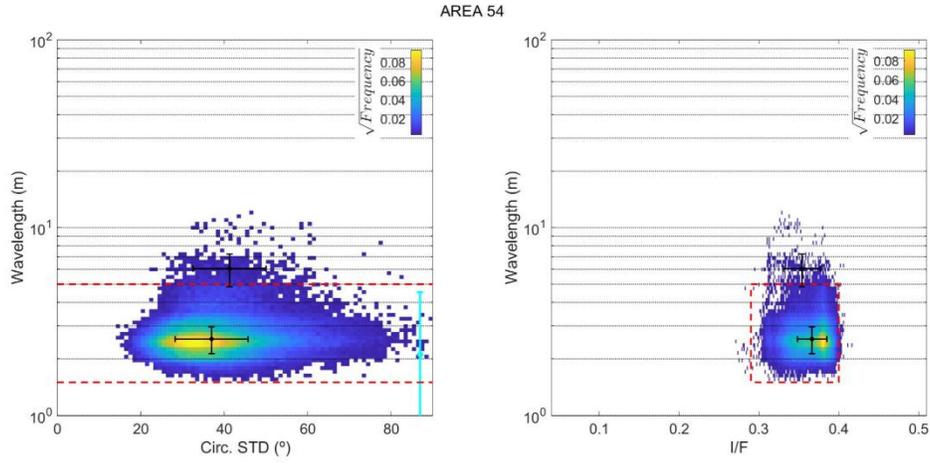
- 0,23 - 0,272
- 0,272 - 0,278
- 0,278 - 0,284
- 0,284 - 0,29
- 0,29 - 0,328

Bedform type

- Large ripple
- Megaripple / TAR

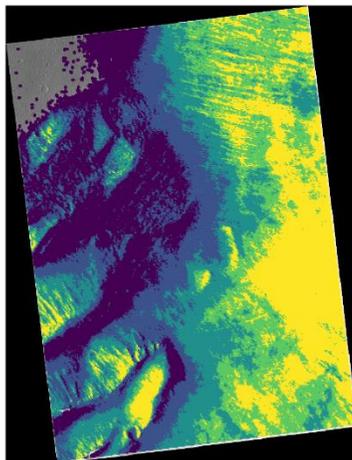
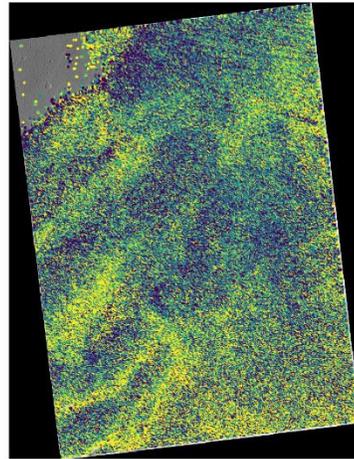


Area 54



Wavelength (m)

- 1,52 - 2,25
- 2,25 - 2,42
- 2,42 - 2,56
- 2,56 - 2,8
- 2,8 - 11,97

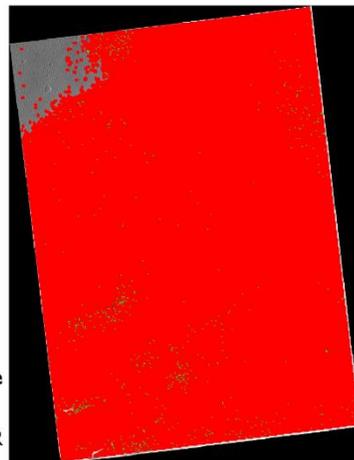


I/F

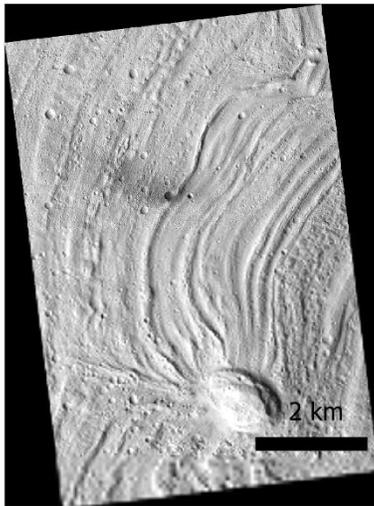
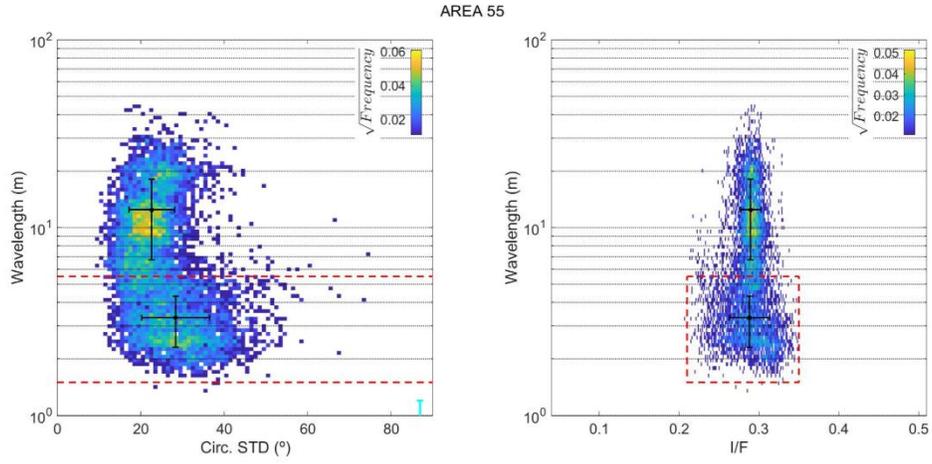
- 0,292 - 0,349
- 0,349 - 0,365
- 0,365 - 0,376
- 0,376 - 0,382
- 0,382 - 0,405

Bedform type

- Large ripple
- Megaripple / TAR

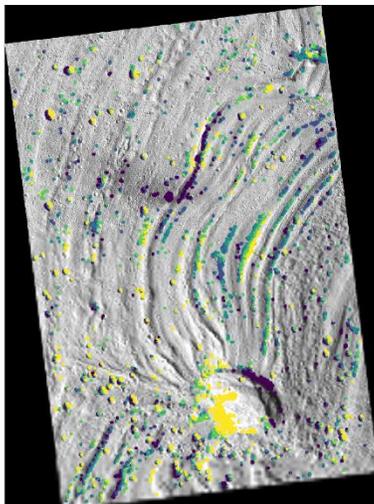
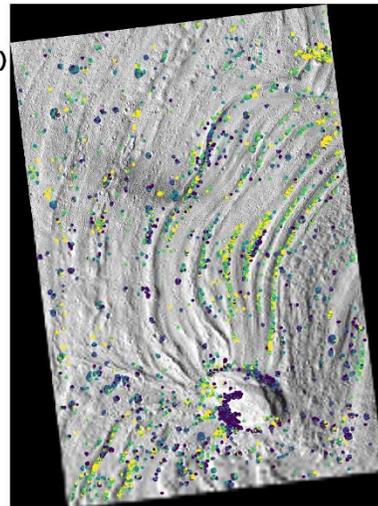


Area 55



Wavelength (m)

- 1,6 - 3
- 3 - 4,9
- 4,9 - 8,6
- 8,6 - 12,8
- 12,8 - 43,7

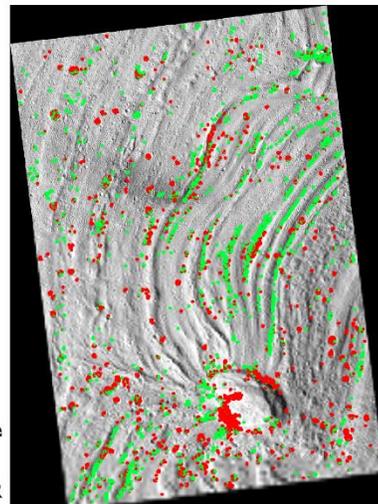


I/F

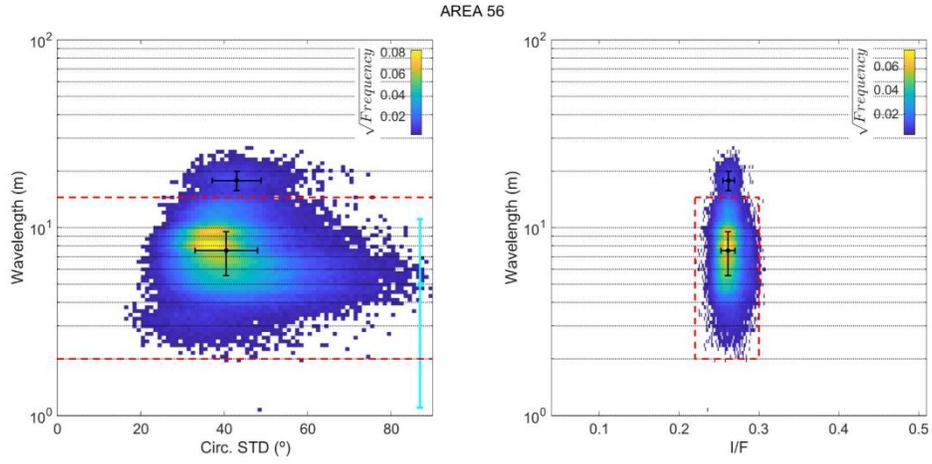
- 0,214 - 0,277
- 0,277 - 0,288
- 0,288 - 0,293
- 0,293 - 0,302
- 0,302 - 0,348

Bedform type

- Large ripple
- Megaripple / TAR

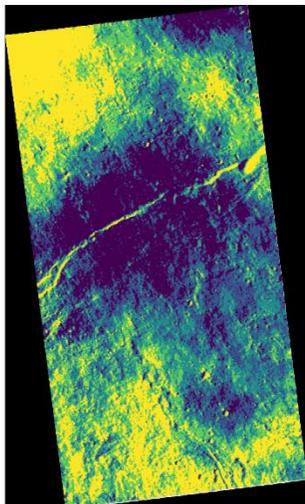
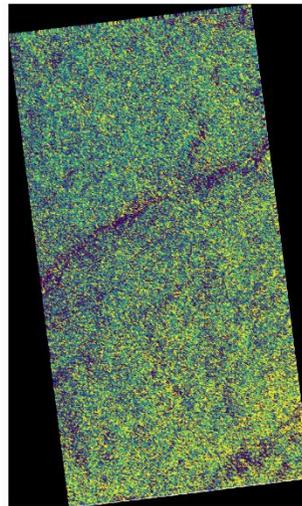


Area 56



Wavelength (m)

- 2 - 5,7
- 5,7 - 6,9
- 6,9 - 8,1
- 8,1 - 9,3
- 9,3 - 27

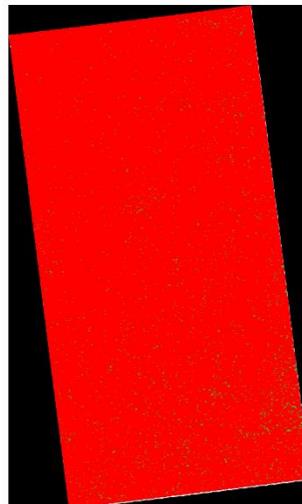


I/F

- 0,222 - 0,254
- 0,254 - 0,259
- 0,259 - 0,263
- 0,263 - 0,268
- 0,268 - 0,3

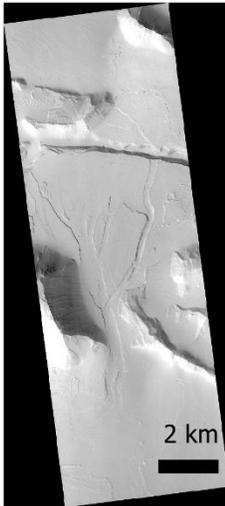
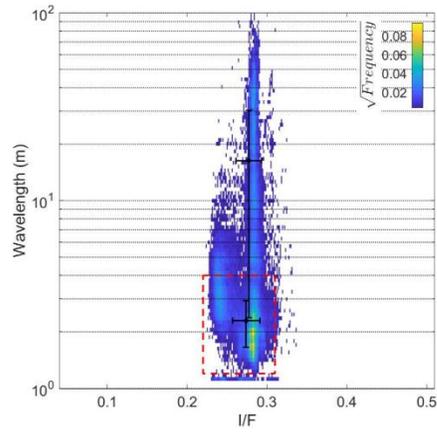
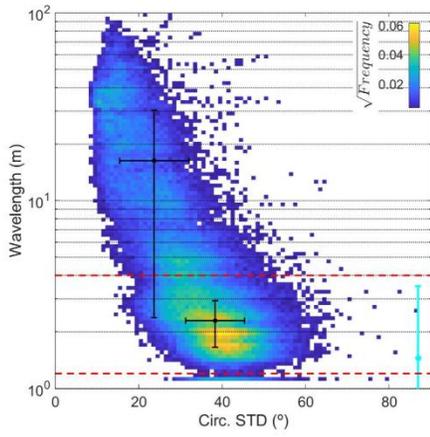
Bedform type

- Large ripple
- Megaripple / TAR



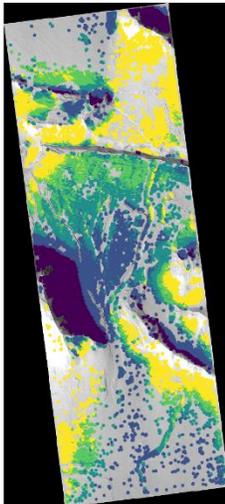
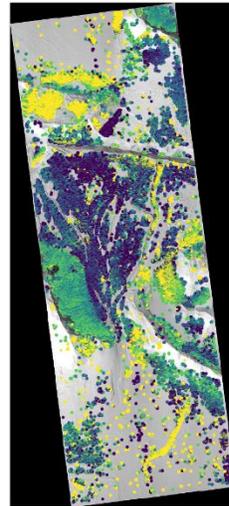
Area 57

AREA 57



Wavelength (m)

- 1,21 - 1,88
- 1,88 - 2,4
- 2,4 - 3,43
- 3,43 - 9,25
- 9,25 - 98,68

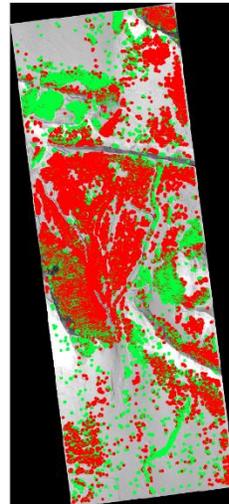


I/F

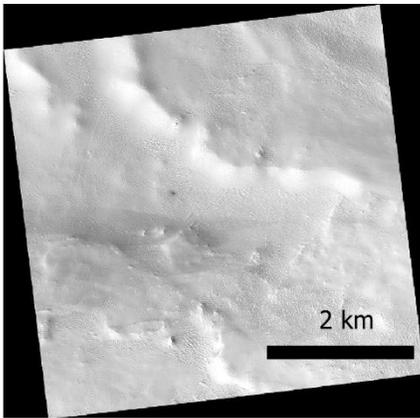
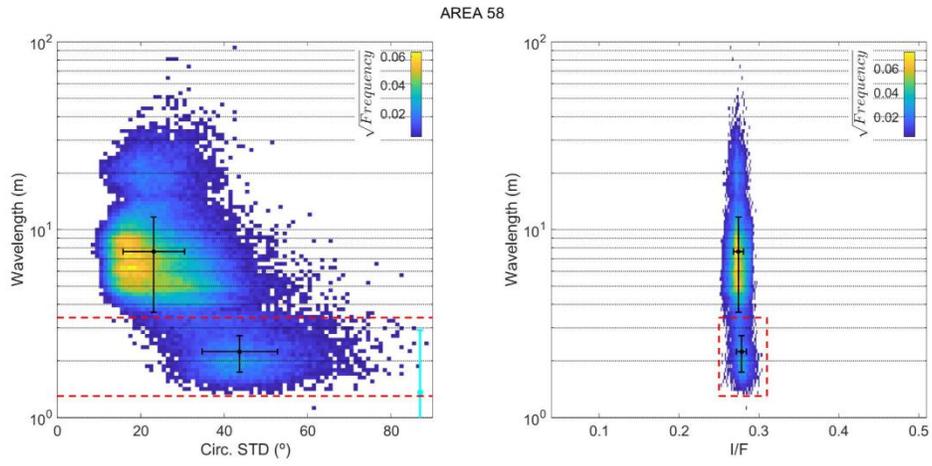
- 0,224 - 0,263
- 0,263 - 0,28
- 0,28 - 0,283
- 0,283 - 0,286
- 0,286 - 0,332

Bedform type

- Large ripple
- Megaripple / TAR

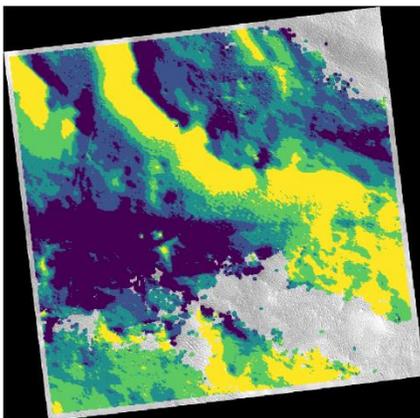
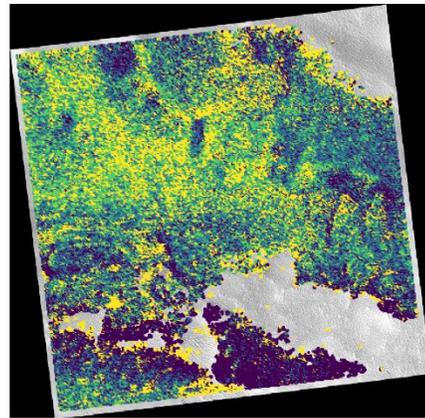


Area 58



Wavelength (m)

- 1,3 - 4,7
- 4,7 - 5,7
- 5,7 - 7
- 7 - 8,7
- 8,7 - 91,9

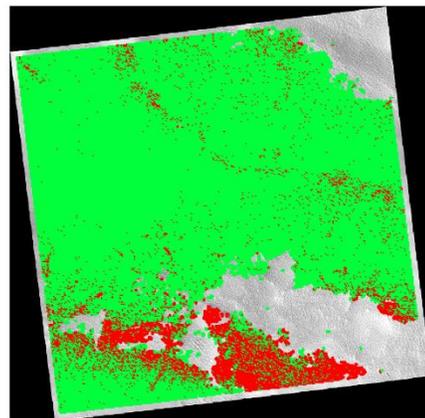


I/F

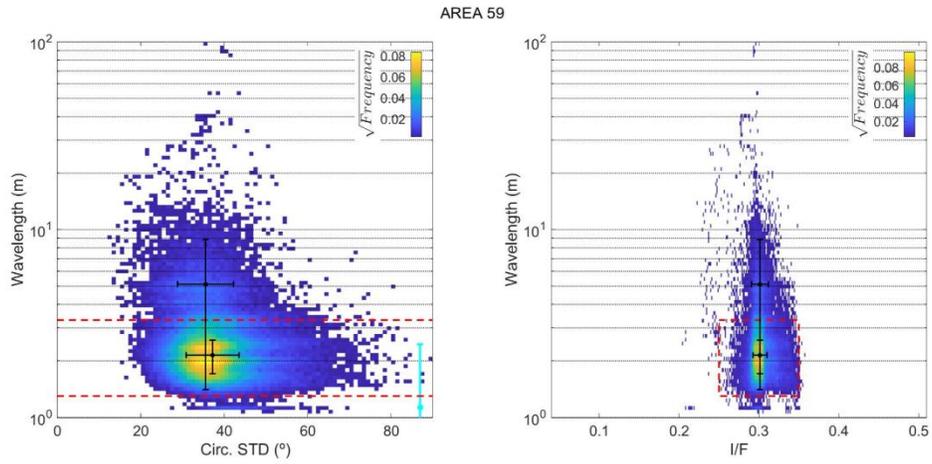
- 0,251 - 0,27
- 0,27 - 0,273
- 0,273 - 0,276
- 0,276 - 0,28
- 0,28 - 0,304

Bedform type

- Large ripple
- Megaripple / TAR

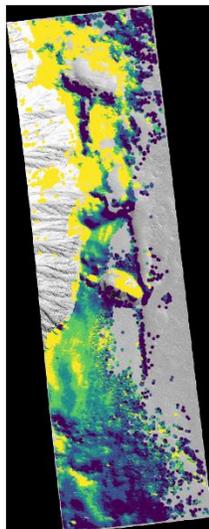
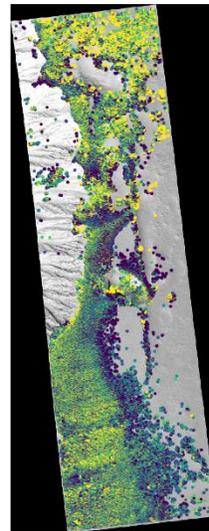


Area 59



Wavelength (m)

- 1,3 - 1,78
- 1,78 - 2
- 2 - 2,31
- 2,31 - 2,71
- 2,71 - 106,3

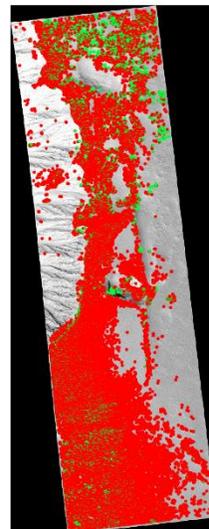


I/F

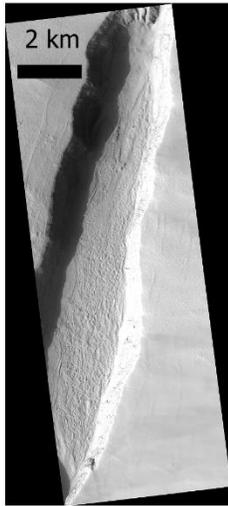
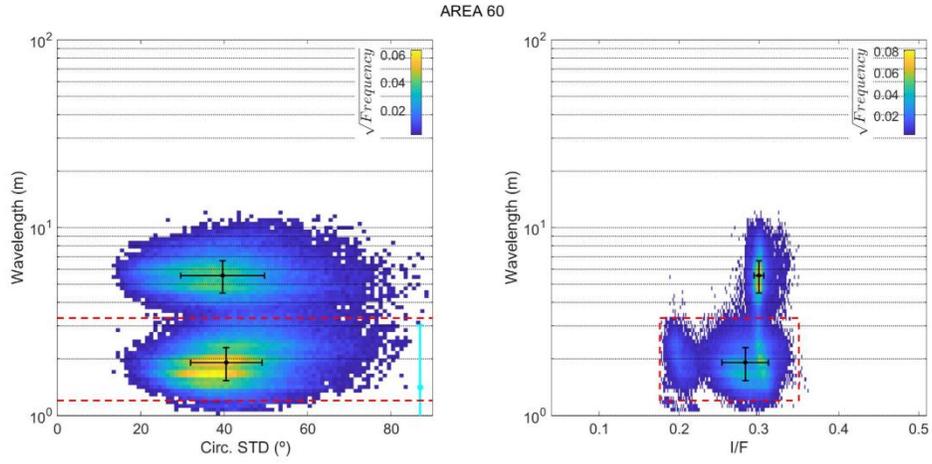
- 0,223 - 0,295
- 0,295 - 0,299
- 0,299 - 0,302
- 0,302 - 0,305
- 0,305 - 0,35

Bedform type

- Large ripple
- Megaripple / TAR

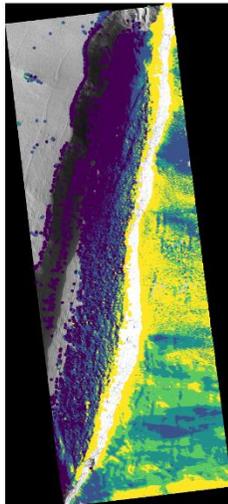
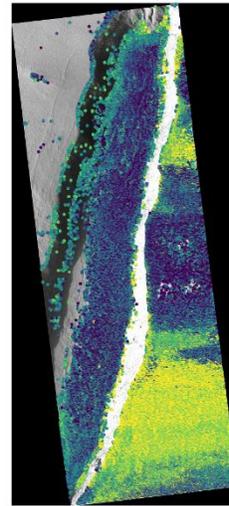


Area 60



Wavelength (m)

- 1,2 - 1,68
- 1,68 - 1,96
- 1,96 - 2,53
- 2,53 - 5,25
- 5,25 - 12,2

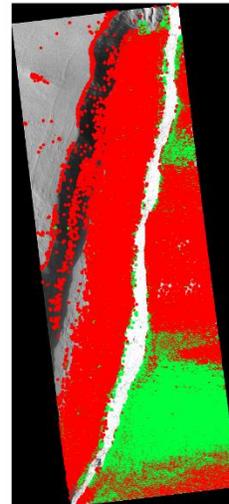


I/F

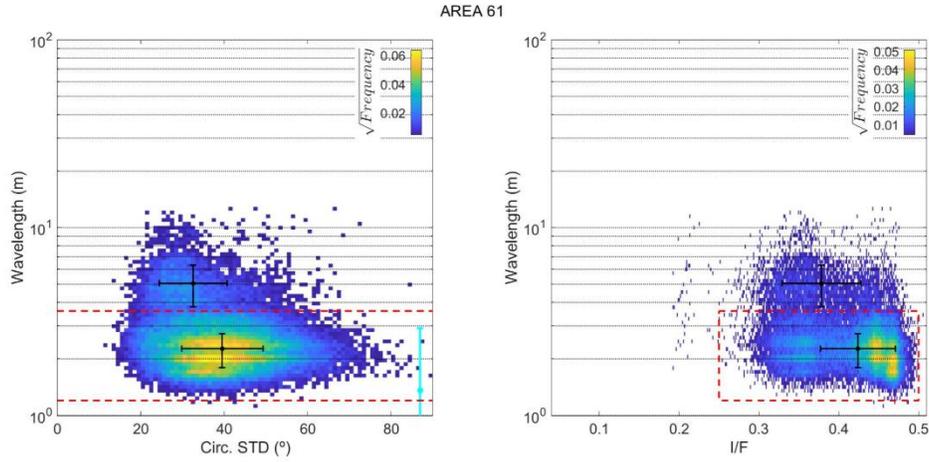
- 0,178 - 0,276
- 0,276 - 0,295
- 0,295 - 0,3
- 0,3 - 0,303
- 0,303 - 0,349

Bedform type

- Large ripple
- Megaripple / TAR

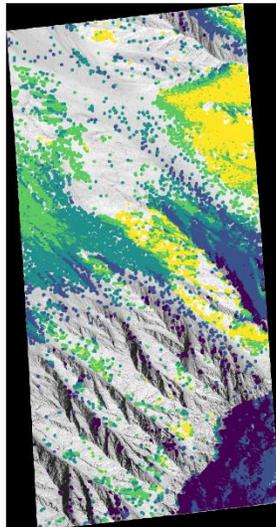
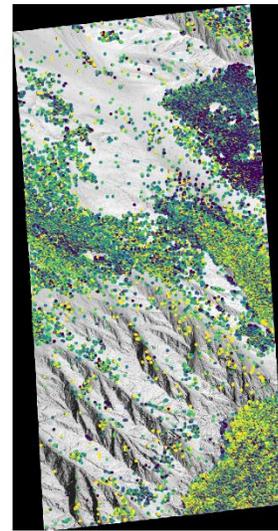


Area 61



Wavelength (m)

- 1,2 - 1,89
- 1,89 - 2,11
- 2,11 - 2,42
- 2,42 - 2,88
- 2,88 - 12,86

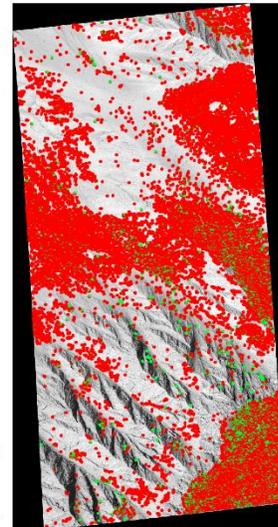


I/F

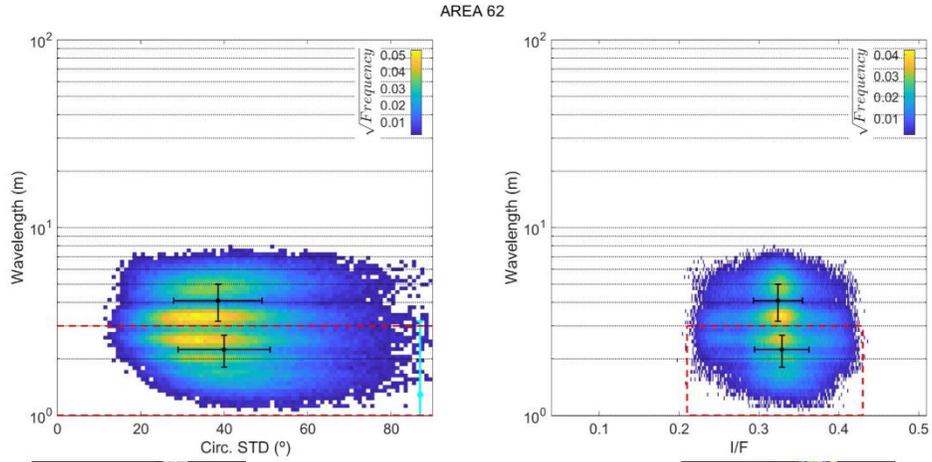
- 0,19 - 0,36
- 0,36 - 0,42
- 0,42 - 0,45
- 0,45 - 0,46
- 0,46 - 0,5

Bedform type

- Large ripple
- Megaripple / TAR

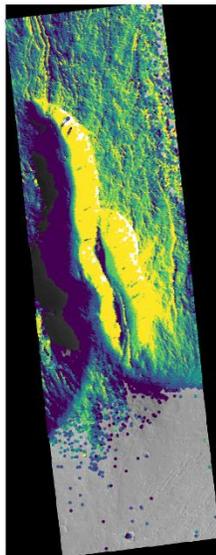
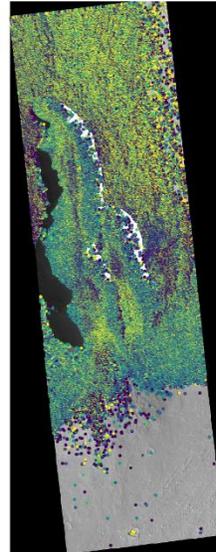


Area 62



Wavelength (m)

- 1,06 - 2,11
- 2,11 - 2,63
- 2,63 - 3,27
- 3,27 - 4,24
- 4,24 - 7,81

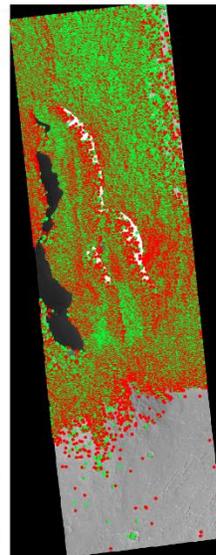


I/F

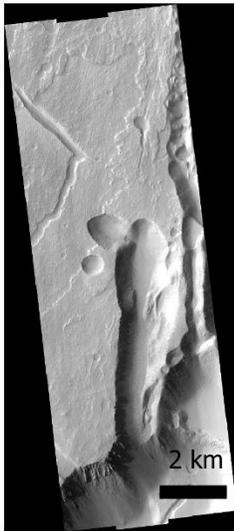
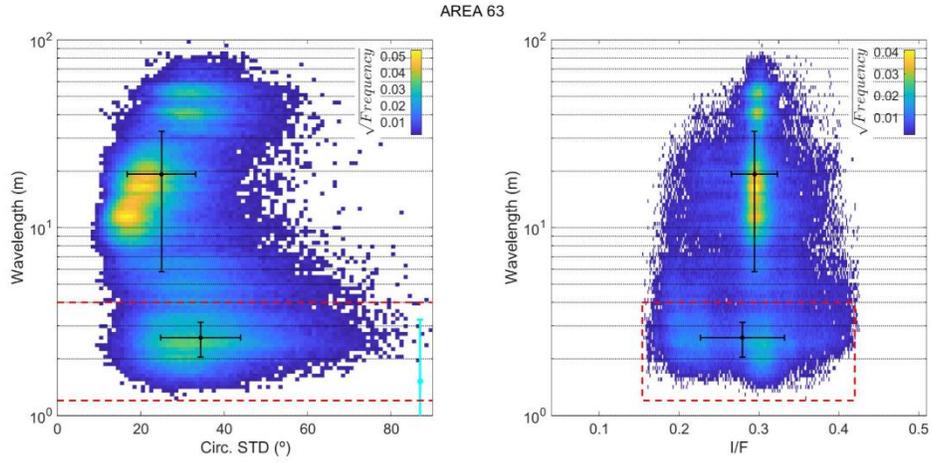
- 0,21 - 0,3
- 0,3 - 0,32
- 0,32 - 0,33
- 0,33 - 0,35
- 0,35 - 0,43

Bedform type

- Large ripple
- Megaripple / TAR

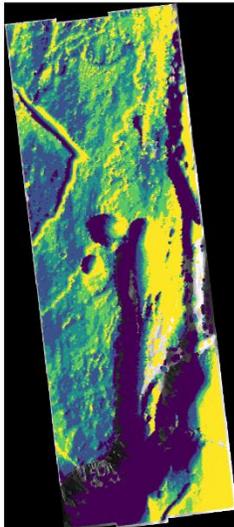
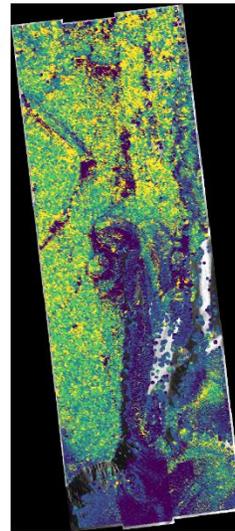


Area 63



Wavelength (m)

- 1,2 - 2,9
- 2,9 - 9
- 9 - 14
- 14 - 20,7
- 20,7 - 109,1

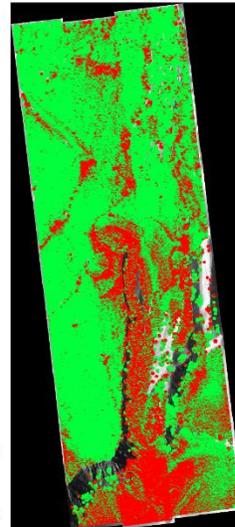


I/F

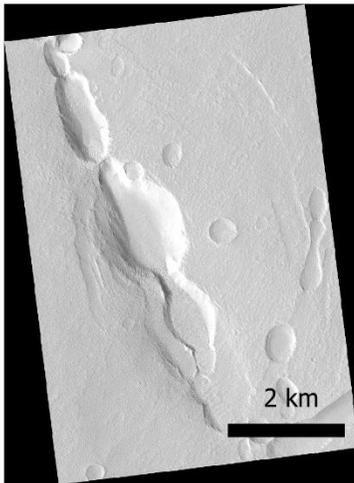
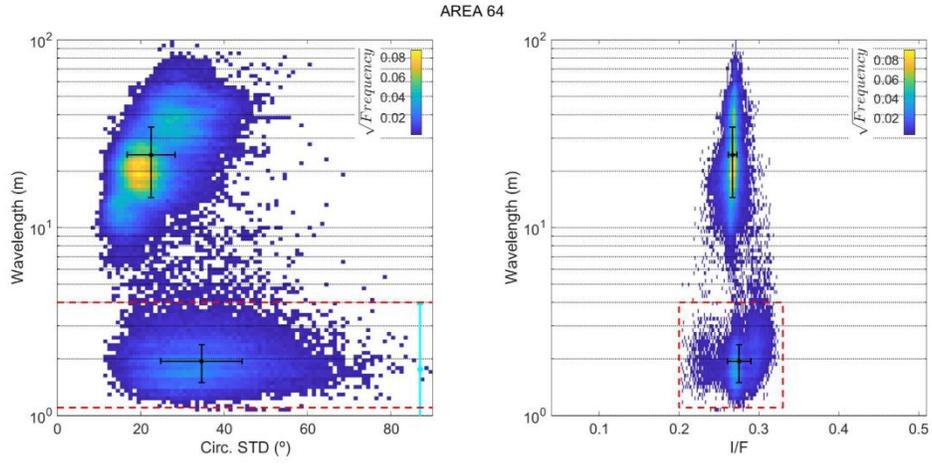
- 0,155 - 0,277
- 0,277 - 0,292
- 0,292 - 0,3
- 0,3 - 0,31
- 0,31 - 0,425

Bedform type

- Large ripple
- Megaripple / TAR

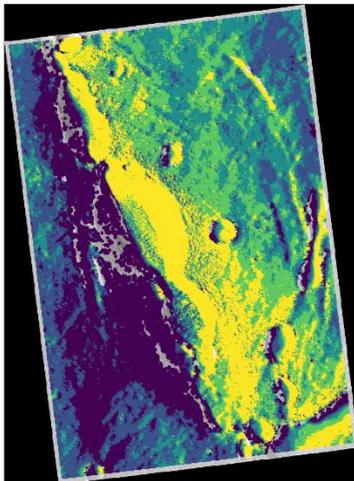
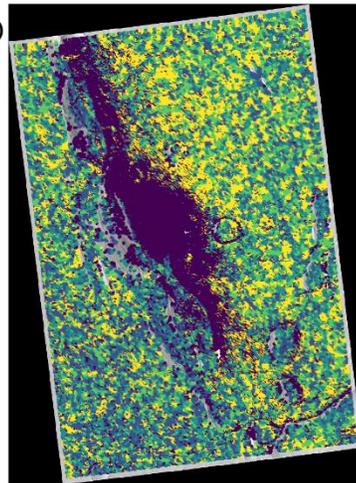


Area 64



Wavelength (m)

- 1,1 - 12,7
- 12,7 - 18,3
- 18,3 - 22
- 22 - 29,8
- 29,8 - 95,5

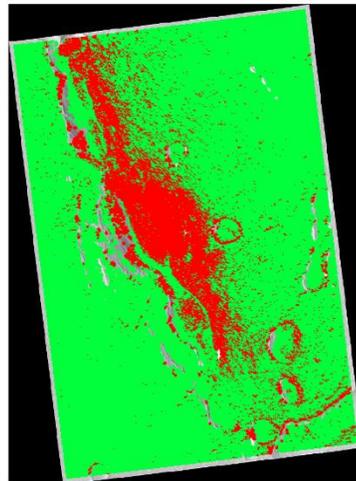


I/F

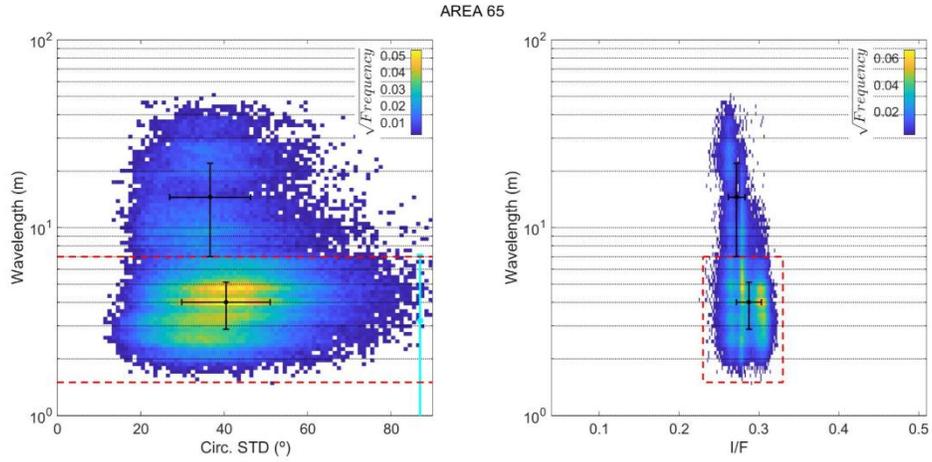
- 0,201 - 0,264
- 0,264 - 0,267
- 0,267 - 0,269
- 0,269 - 0,271
- 0,271 - 0,324

Bedform type

- Large ripple
- Megaripple / TAR

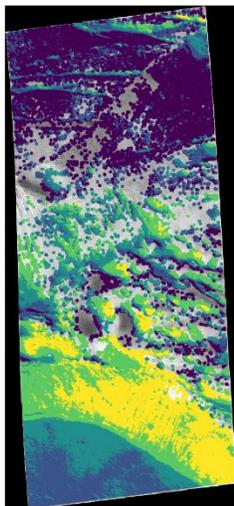
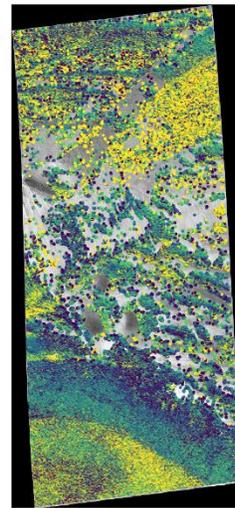


Area 65



Wavelength (m)

- 1,51 - 3,06
- 3,06 - 3,87
- 3,87 - 4,6
- 4,6 - 5,82
- 5,82 - 49,8

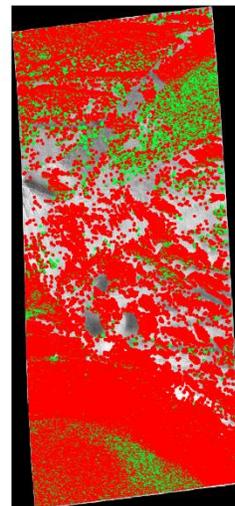


I/F

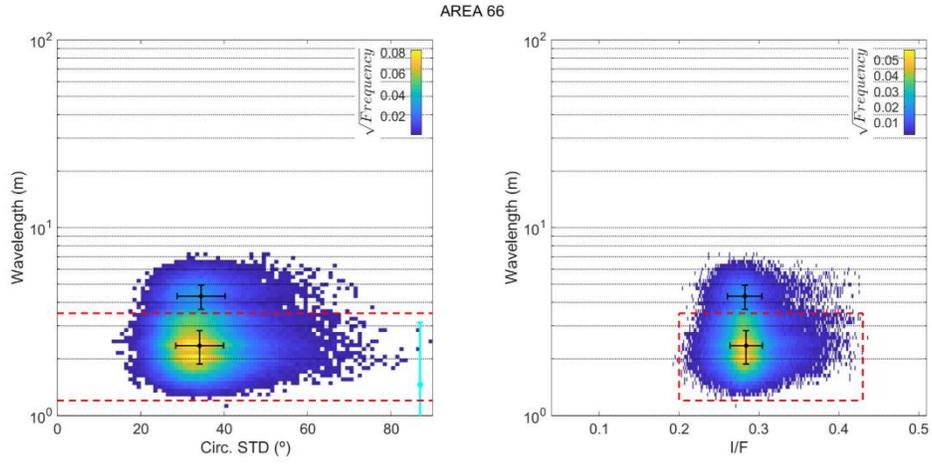
- 0,233 - 0,269
- 0,269 - 0,279
- 0,279 - 0,29
- 0,29 - 0,303
- 0,303 - 0,323

Bedform type

- Large ripple
- Megaripple / TAR

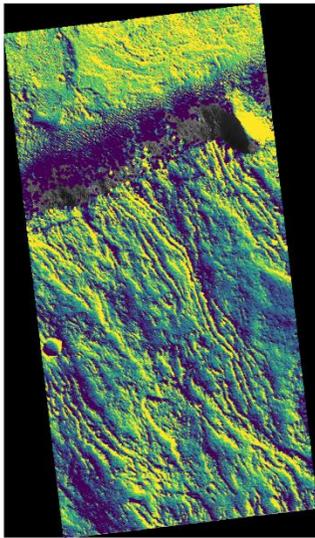
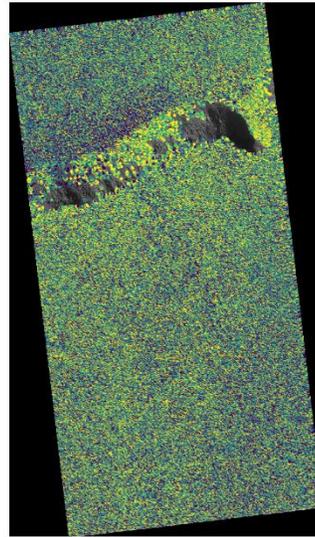


Area 66



Wavelength (m)

- 1,22 - 1,96
- 1,96 - 2,23
- 2,23 - 2,5
- 2,5 - 3,04
- 3,04 - 7,36

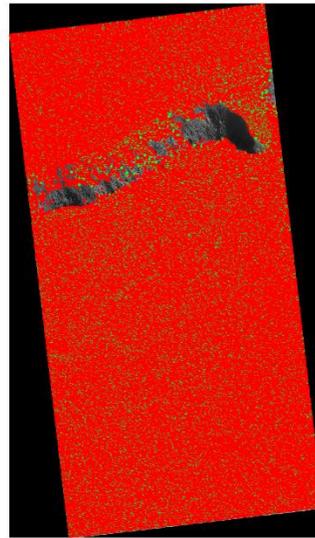


I/F

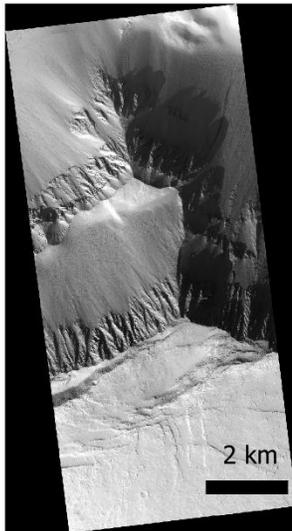
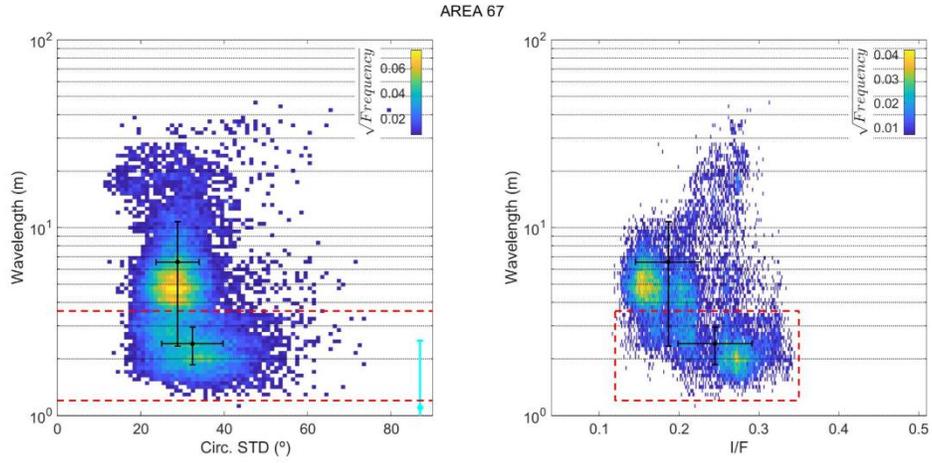
- 0,202 - 0,269
- 0,269 - 0,279
- 0,279 - 0,286
- 0,286 - 0,297
- 0,297 - 0,429

Bedform type

- Large ripple
- Megaripple / TAR

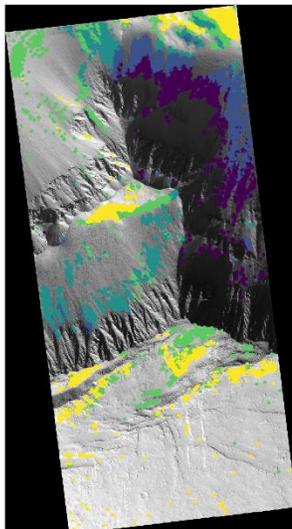
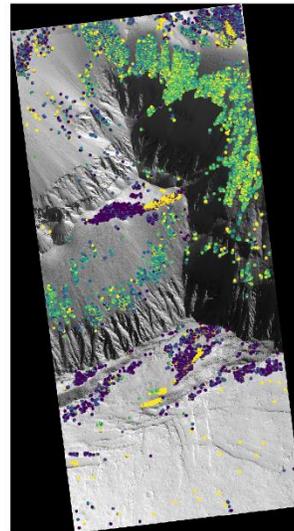


Area 67



Wavelength (m)

- 1,2 - 2,3
- 2,3 - 3,4
- 3,4 - 4,7
- 4,7 - 5,9
- 5,9 - 46,9

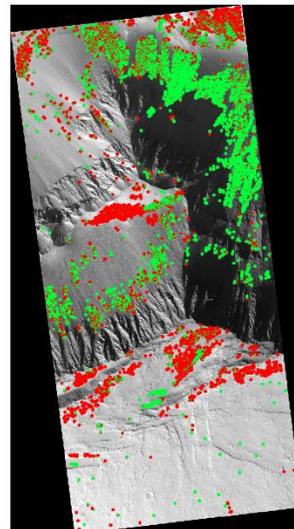


I/F

- 0,12 - 0,16
- 0,16 - 0,18
- 0,18 - 0,22
- 0,22 - 0,27
- 0,27 - 0,34

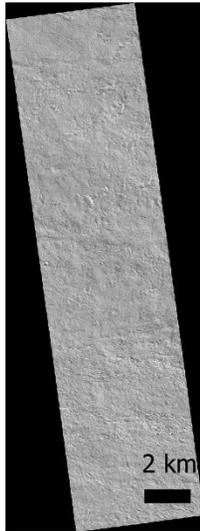
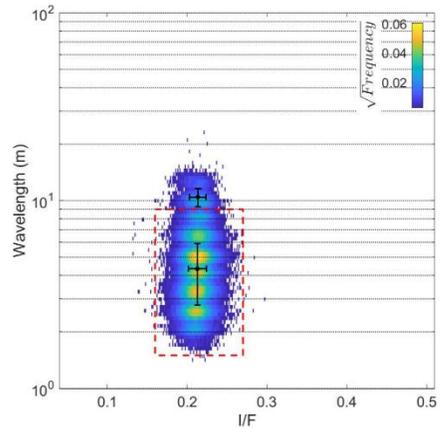
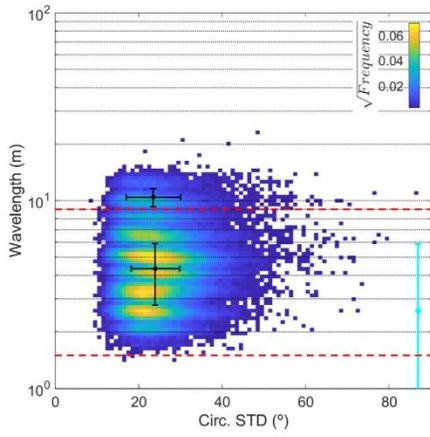
Bedform type

- Large ripple
- Megaripple / TAR



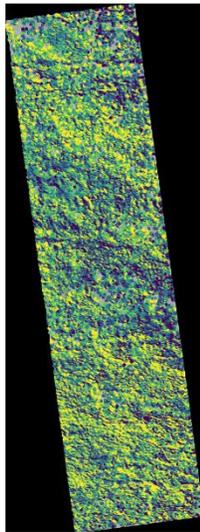
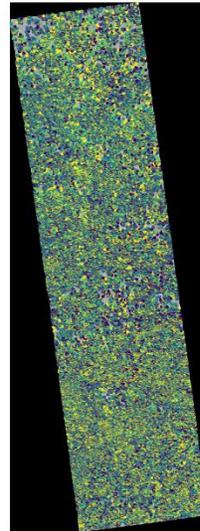
Area 68

AREA 68



Wavelength (m)

- 1,5 - 2,95
- 2,95 - 3,77
- 3,77 - 4,85
- 4,85 - 6,18
- 6,18 - 23,22

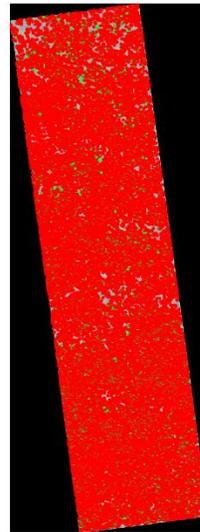


I/F

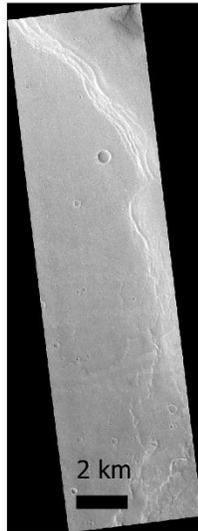
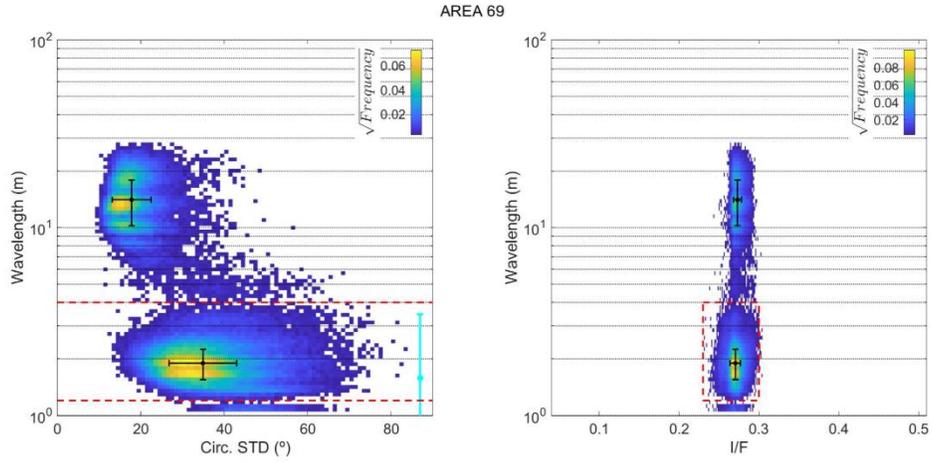
- 0,159 - 0,204
- 0,204 - 0,21
- 0,21 - 0,216
- 0,216 - 0,222
- 0,222 - 0,27

Bedform type

- Large ripple
- Megaripple / TAR

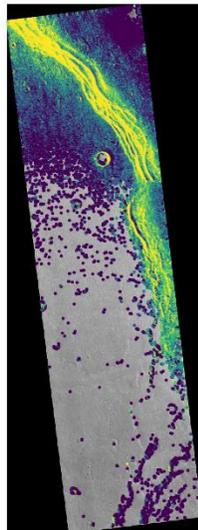
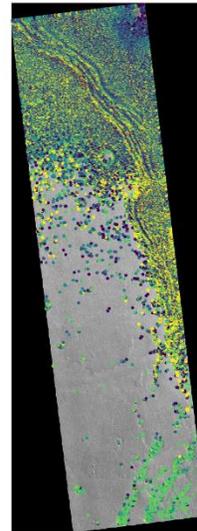


Area 69



Wavelength (m)

- 1,2 - 1,68
- 1,68 - 1,91
- 1,91 - 2,23
- 2,23 - 12,36
- 12,36 - 28,16

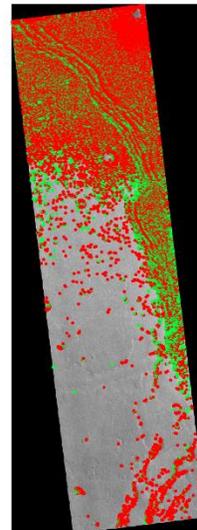


I/F

- 0,231 - 0,267
- 0,267 - 0,27
- 0,27 - 0,272
- 0,272 - 0,276
- 0,276 - 0,303

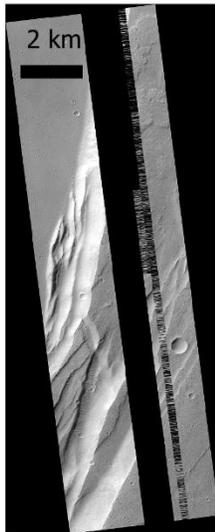
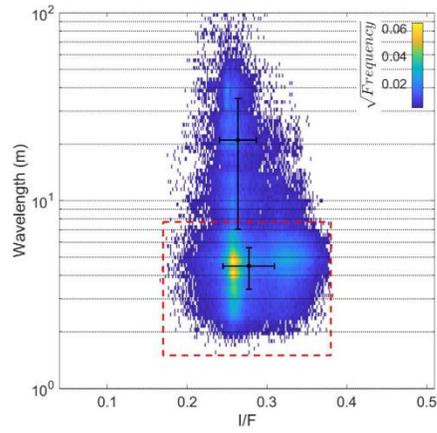
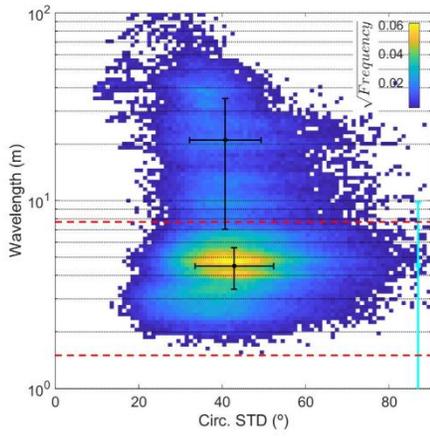
Bedform type

- Large ripple
- Megaripple / TAR



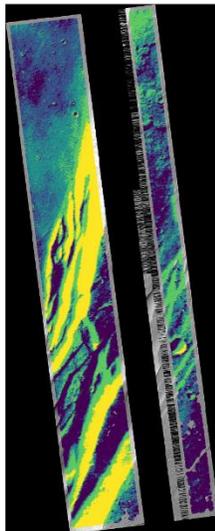
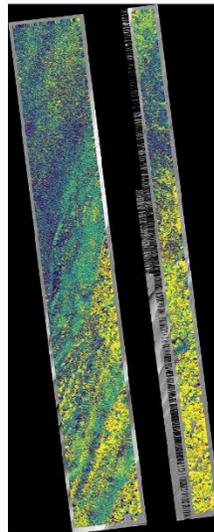
Area 70

AREA 70



Wavelength (m)

- 1,55 - 3,68
- 3,68 - 4,47
- 4,47 - 5,09
- 5,09 - 6,7
- 6,7 - 204,89

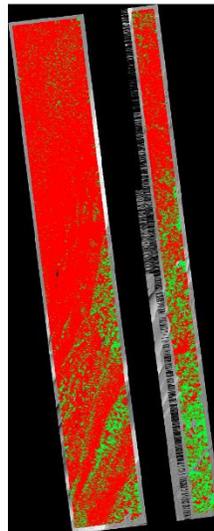


I/F

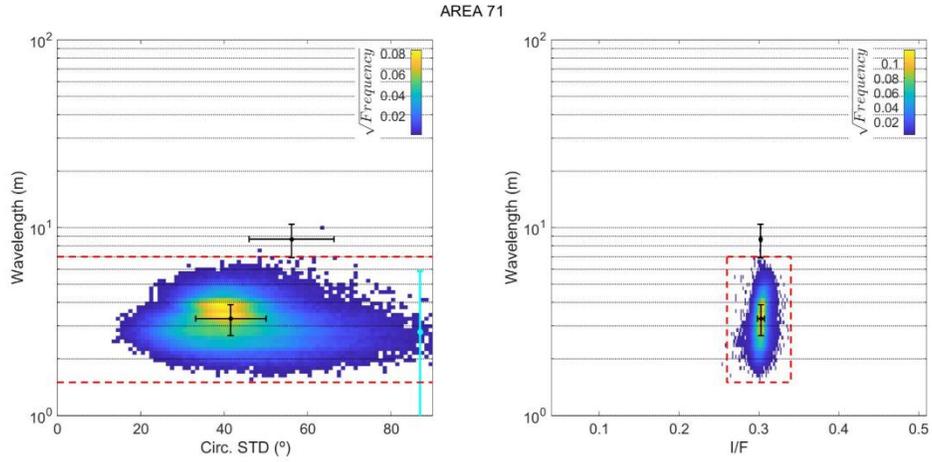
- 0,172 - 0,254
- 0,254 - 0,259
- 0,259 - 0,267
- 0,267 - 0,307
- 0,307 - 0,38

Bedform type

- Large ripple
- Megaripple / TAR

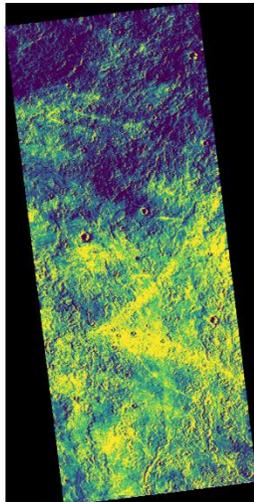
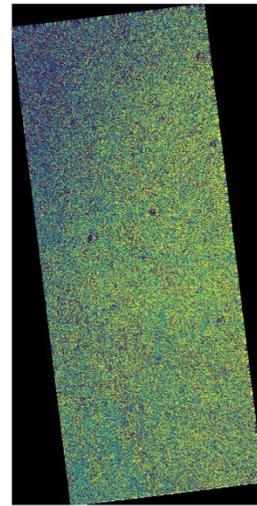


Area 71



Wavelength (m)

- 1,58 - 2,71
- 2,71 - 3,08
- 3,08 - 3,43
- 3,43 - 3,84
- 3,84 - 9,9

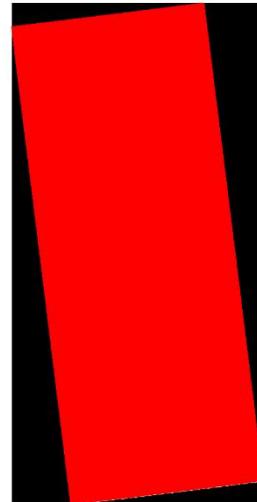


I/F

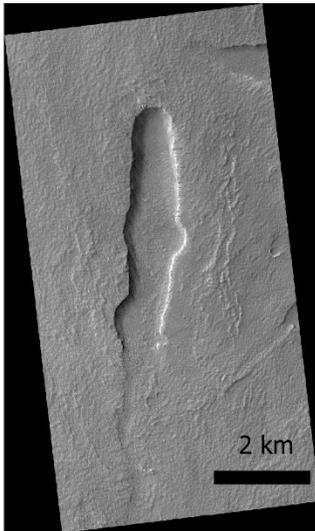
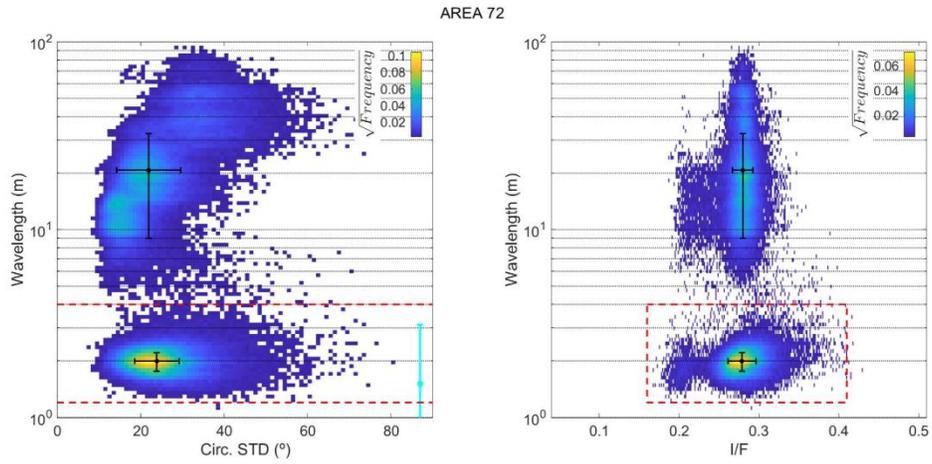
- 0,265 - 0,299
- 0,299 - 0,302
- 0,302 - 0,304
- 0,304 - 0,306
- 0,306 - 0,336

Bedform type

- Large ripple
- Megaripple / TAR

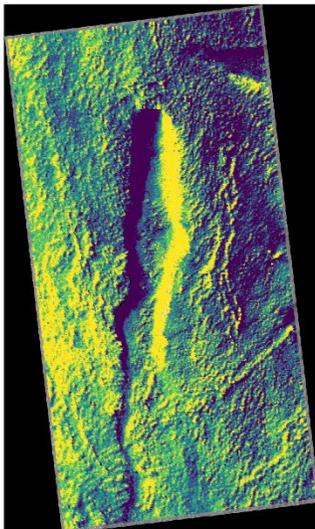
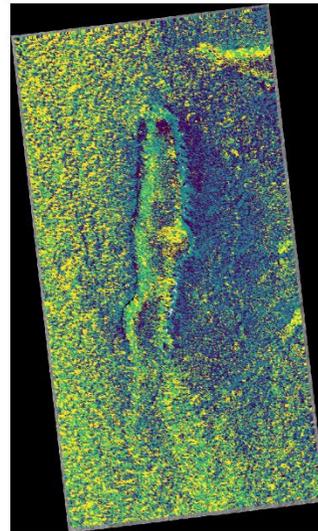


Area 72



Wavelength (m)

- 1,22 - 1,92
- 1,92 - 2,1
- 2,1 - 10,72
- 10,72 - 18,69
- 18,69 - 93,78

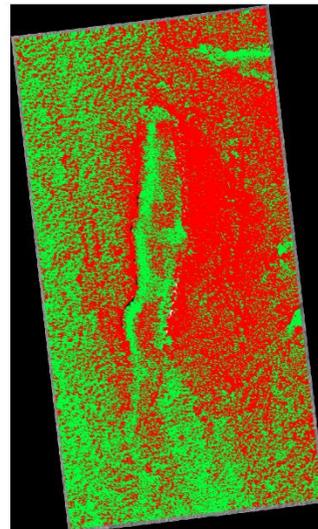


I/F

- 0,168 - 0,269
- 0,269 - 0,277
- 0,277 - 0,282
- 0,282 - 0,289
- 0,289 - 0,41

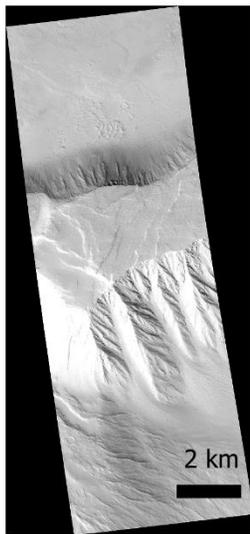
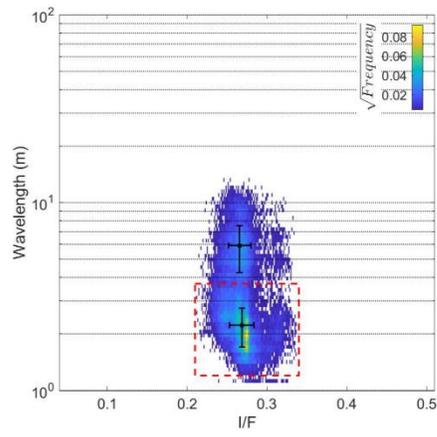
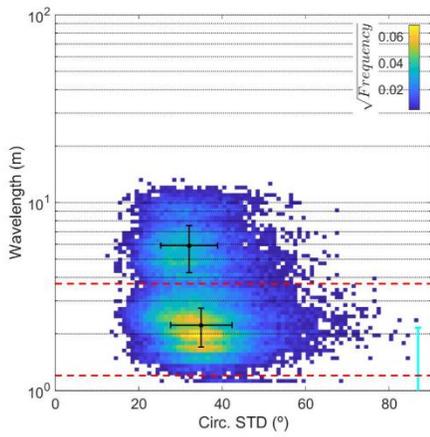
Bedform type

- Large ripple
- Megaripple / TAR



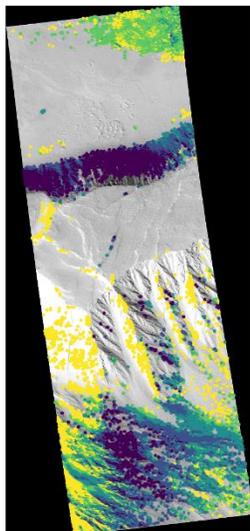
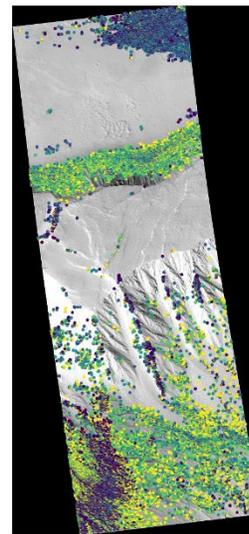
Area 73

AREA 73



Wavelength (m)

- 1,2 - 1,87
- 1,87 - 2,23
- 2,23 - 2,74
- 2,74 - 4,78
- 4,78 - 13,36

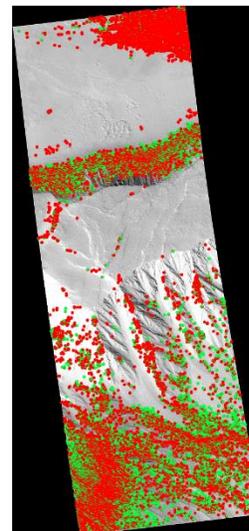


I/F

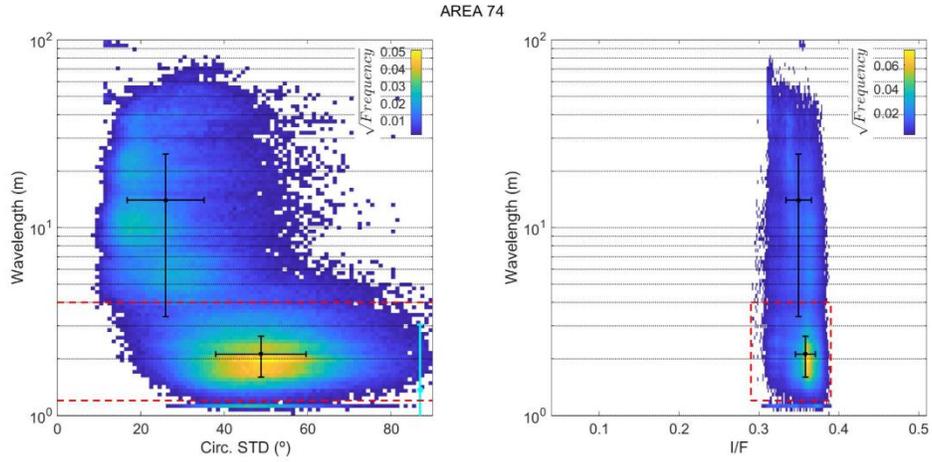
- 0,212 - 0,257
- 0,257 - 0,266
- 0,266 - 0,272
- 0,272 - 0,276
- 0,276 - 0,337

Bedform type

- Large ripple
- Megaripple / TAR

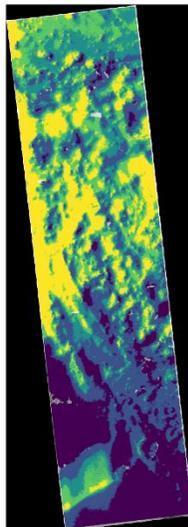
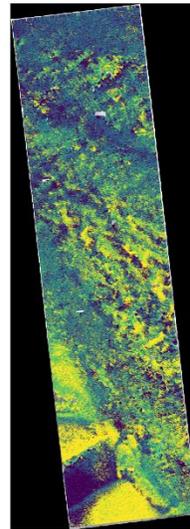


Area 74



Wavelength (m)

- 1,2 - 1,8
- 1,8 - 2,11
- 2,11 - 2,86
- 2,86 - 8,56
- 8,56 - 99,03

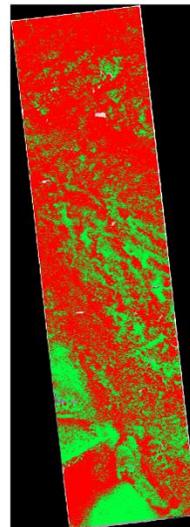


I/F

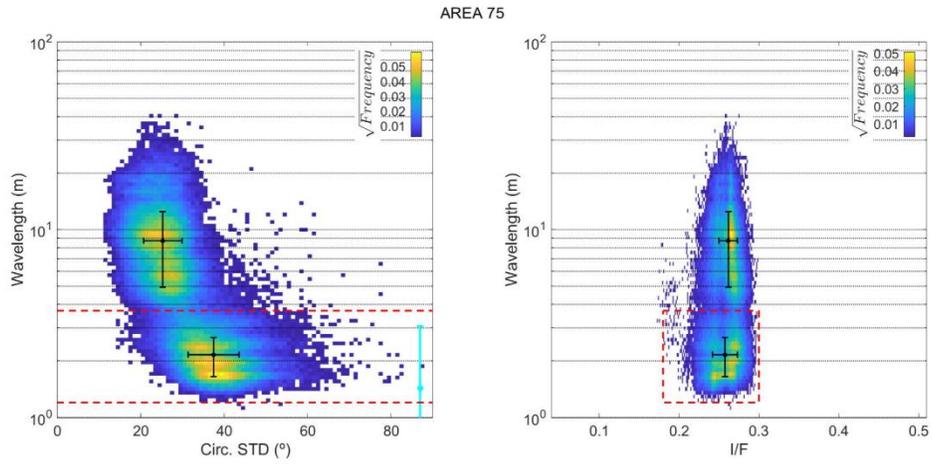
- 0,292 - 0,344
- 0,344 - 0,356
- 0,356 - 0,361
- 0,361 - 0,366
- 0,366 - 0,389

Bedform type

- Large ripple
- Megaripple / TAR

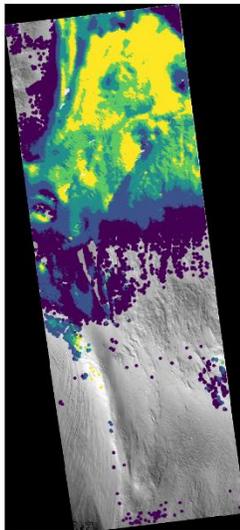
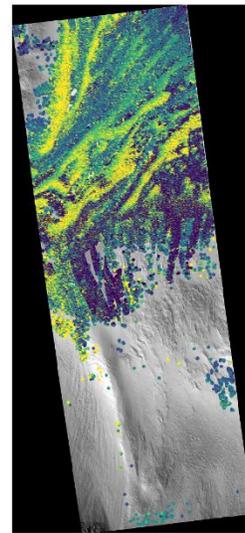


Area 75



Wavelength (m)

- 1,2 - 1,95
- 1,95 - 2,7
- 2,7 - 5,78
- 5,78 - 9,23
- 9,23 - 41,3



I/F

- 0,174 - 0,247
- 0,247 - 0,259
- 0,259 - 0,265
- 0,265 - 0,271
- 0,271 - 0,298

Bedform type

- Large ripple
- Megaripple / TAR

