

# Petr Kříž

– 2. ročník

# Weather

UI in cockpit / helm (!) / UI for space  
weather monitoring / Web / App /  
Gaming cards / On Mars

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**WEATHER** BASIC VIEW ☰



**-48**  
°C  
TEMPERATURE

**10**  
m/s  
WIND

**85**  
%  
SUN INTENSITY

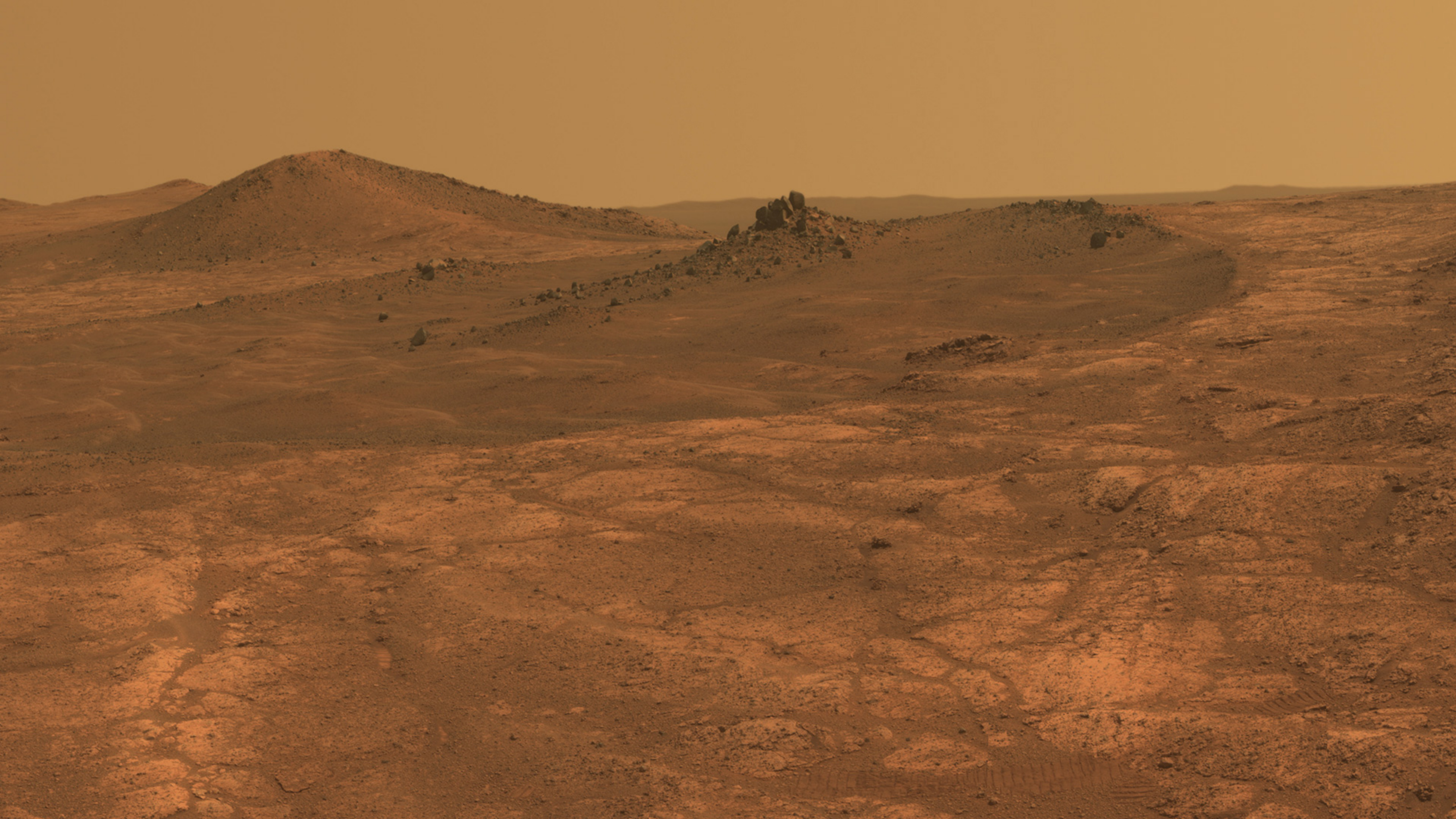
**NEXT DAYS**

MONDAY	TUESDAY	WEDNESDAY
<b>-26</b> °C	<b>-22</b> °C	<b>-14</b> °C
<b>10</b> m/s	<b>10</b> m/s	<b>8</b> m/s



# How is the weather on Mars?







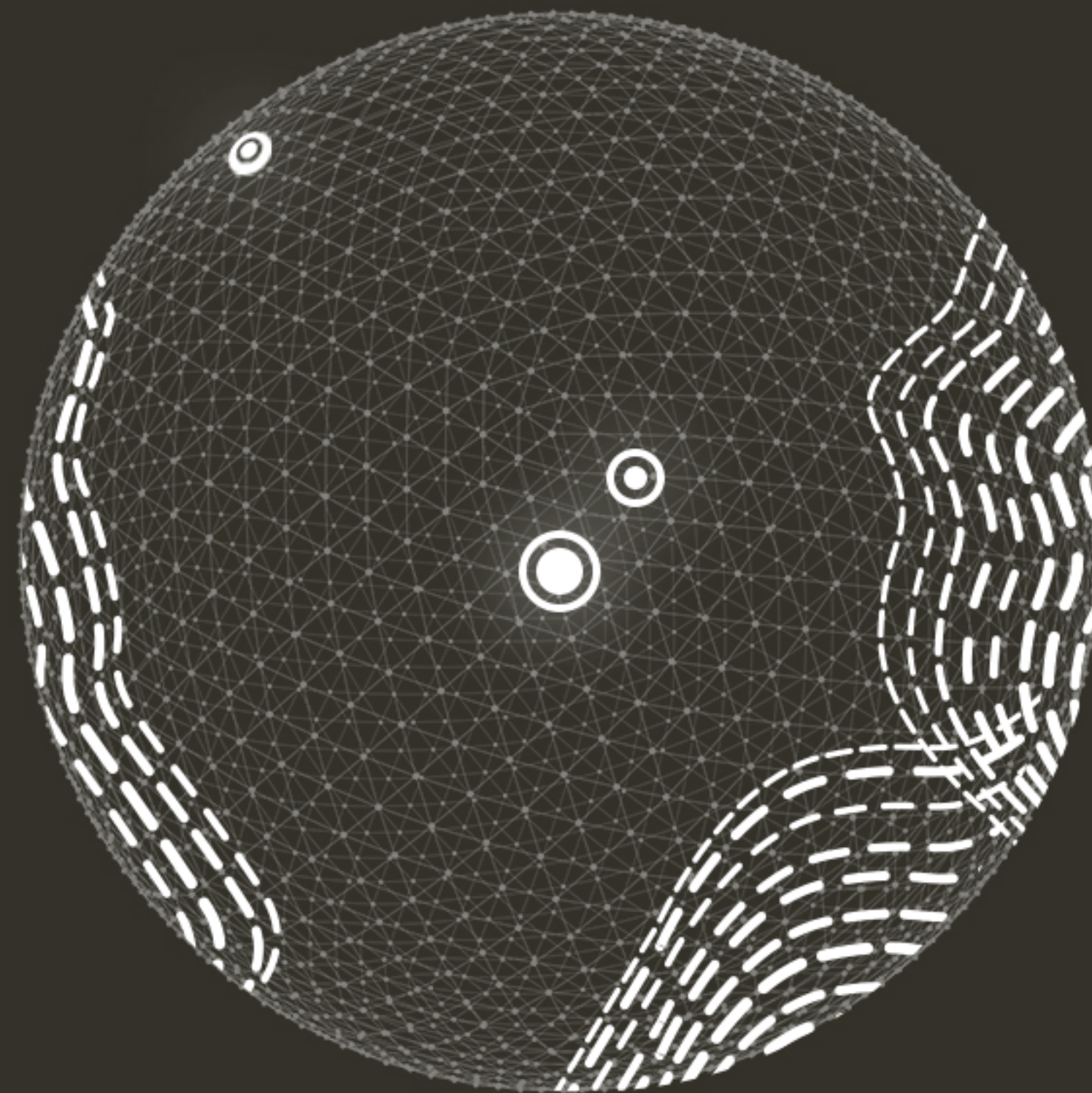




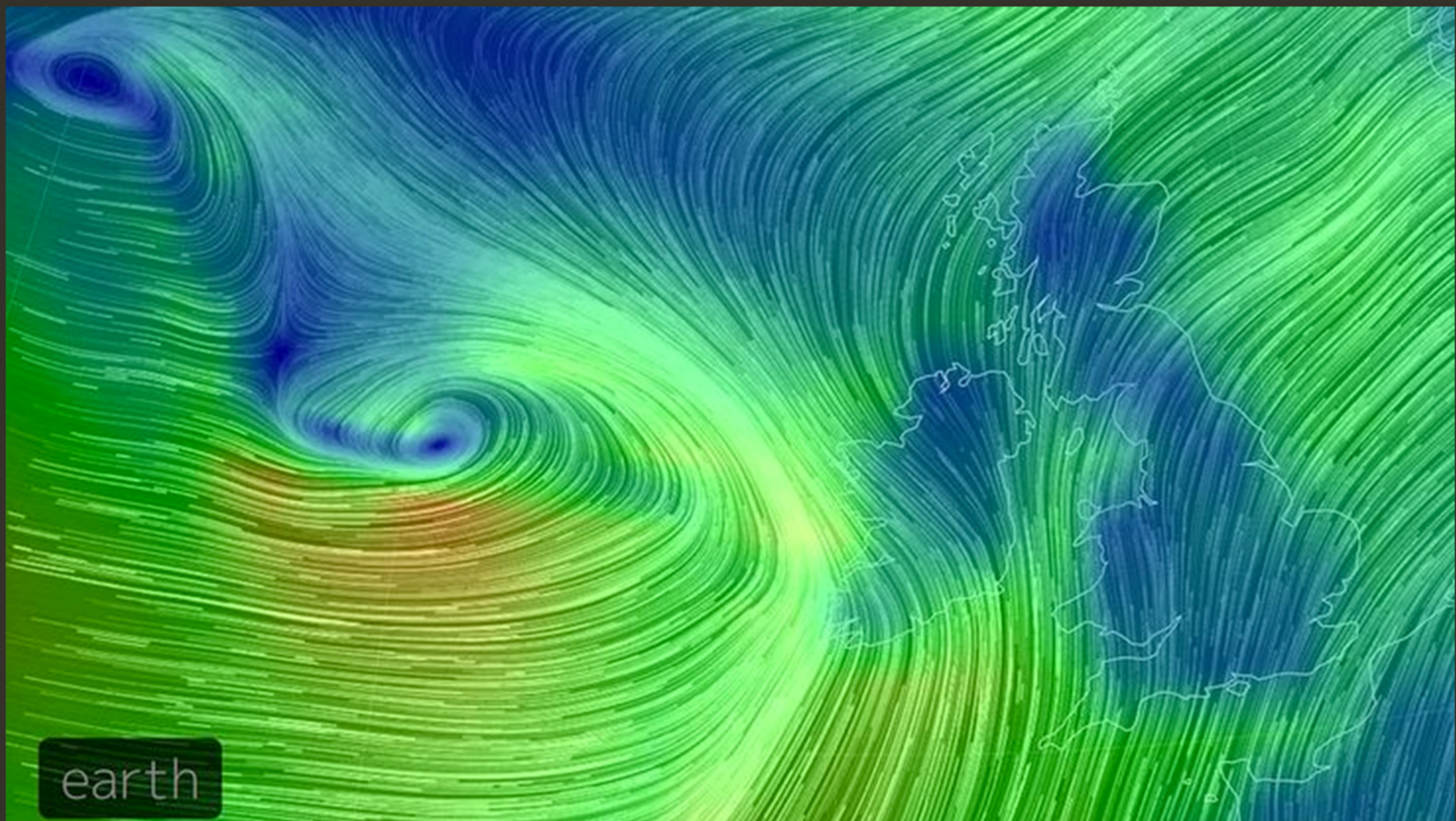
- Dust storms
- Changing seasons
- Big temperature difference during day and night (-90°C to -10°C)
- Very strong wind (400 km/h)
- Atmosphere made of CO<sub>2</sub>



# Visualisation of dust storms









# Indicators

TEMPERATURE  
-30 - 60°C

WIND  
10m/s ↗

SUN INTENSITY  
85%

MONDAY

TEMP.  
-30 - 60°C

WIND  
9m/s

SUN INT.  
88%

WEDNESDAY

TEMP.  
-25 - 90°C

WIND  
15m/s

SUN INT.  
85%

THURSDAY

TEMP.  
-35 - 80°C

WIND  
14m/s

SUN INT.  
82%



# Indicators



TEMPERATURE



WIND



SUN INTENSITY

MONDAY



TUESDAY

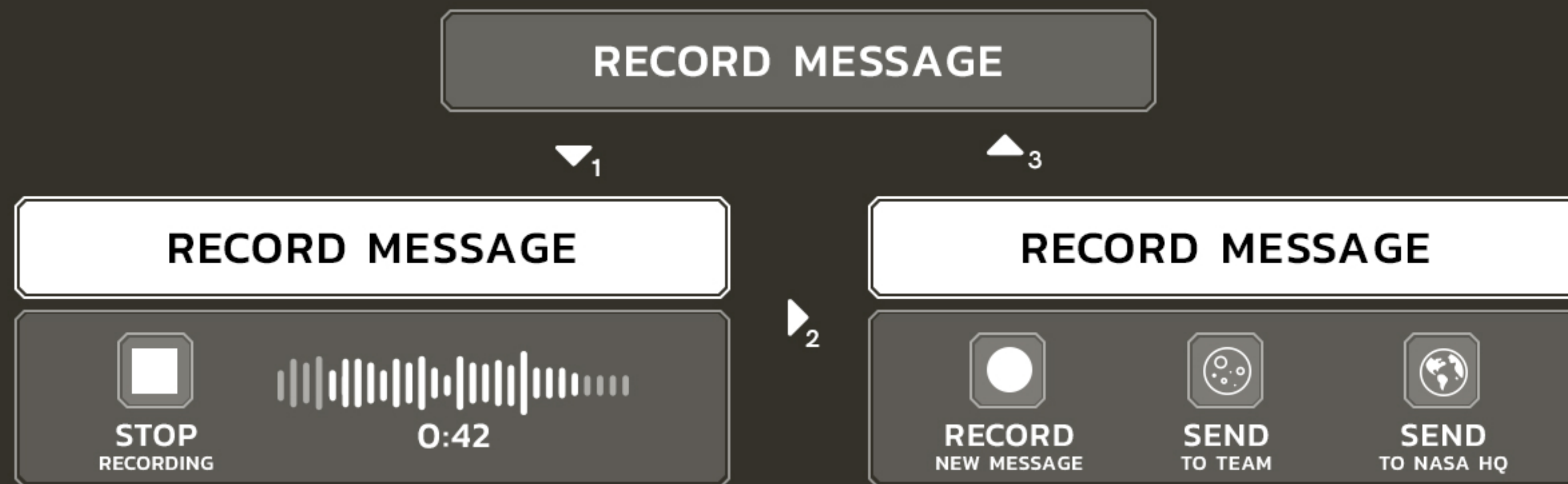


WEDNESDAY





# Notify team











ORBITAL SCIENCE  
DELTA 1000



720 SOLS  
UNTIL STORM HITS

12:51:52

MATERIALS  
81/120 ▲

FOOD  
90/100 ▲

WATER  
12/120 ▼

AIR  
81/120 ▼

ENERGY  
50/120 ▲

5:30:20

4:20

25:52

- CAPTAIN
- SCIENTIST
- SCIENTIST
- TECHNIC
- TECHNIC
- BOTANIST
- MEDIC





720 SOLS  
UNTIL STORM HITS

12:51:52

MATERIALS  
81/120 ▲

FOOD  
90/100 ▲

WATER  
12/120 ▼

AIR  
81/120 ▼

ENERGY  
50/120 ▲

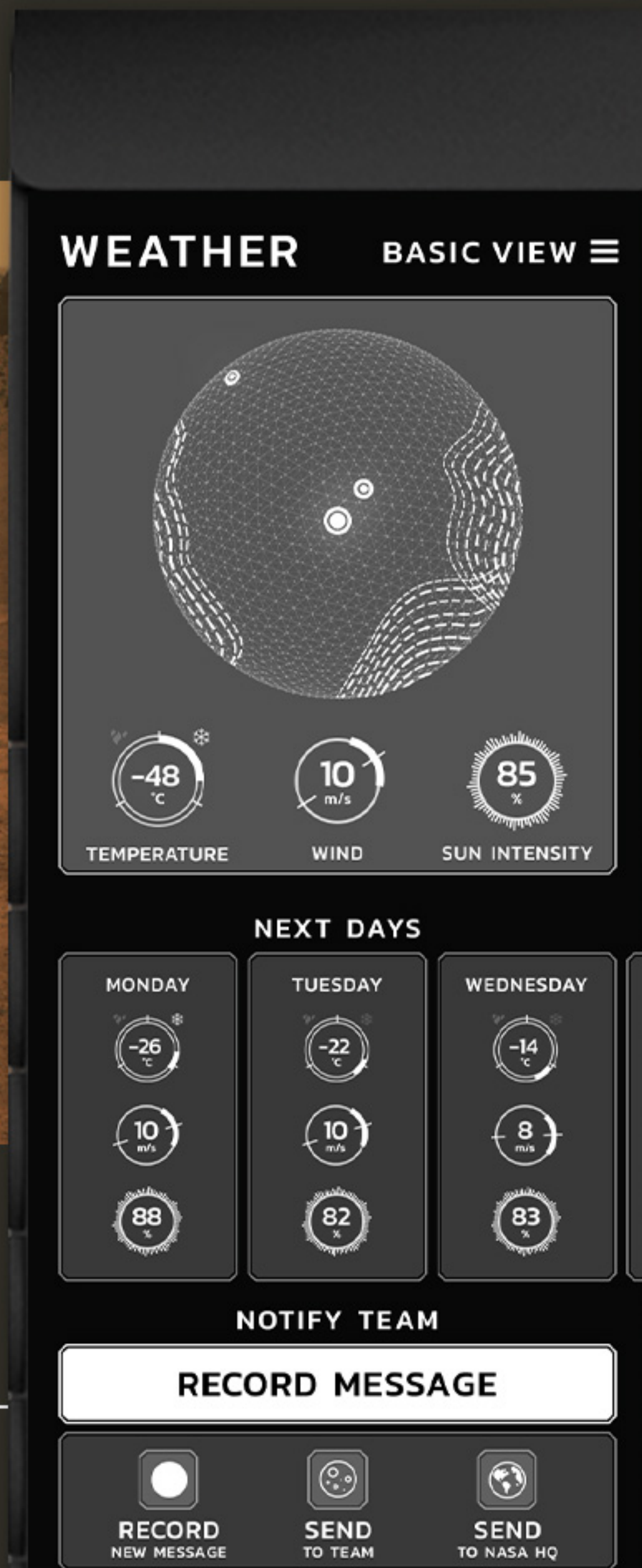
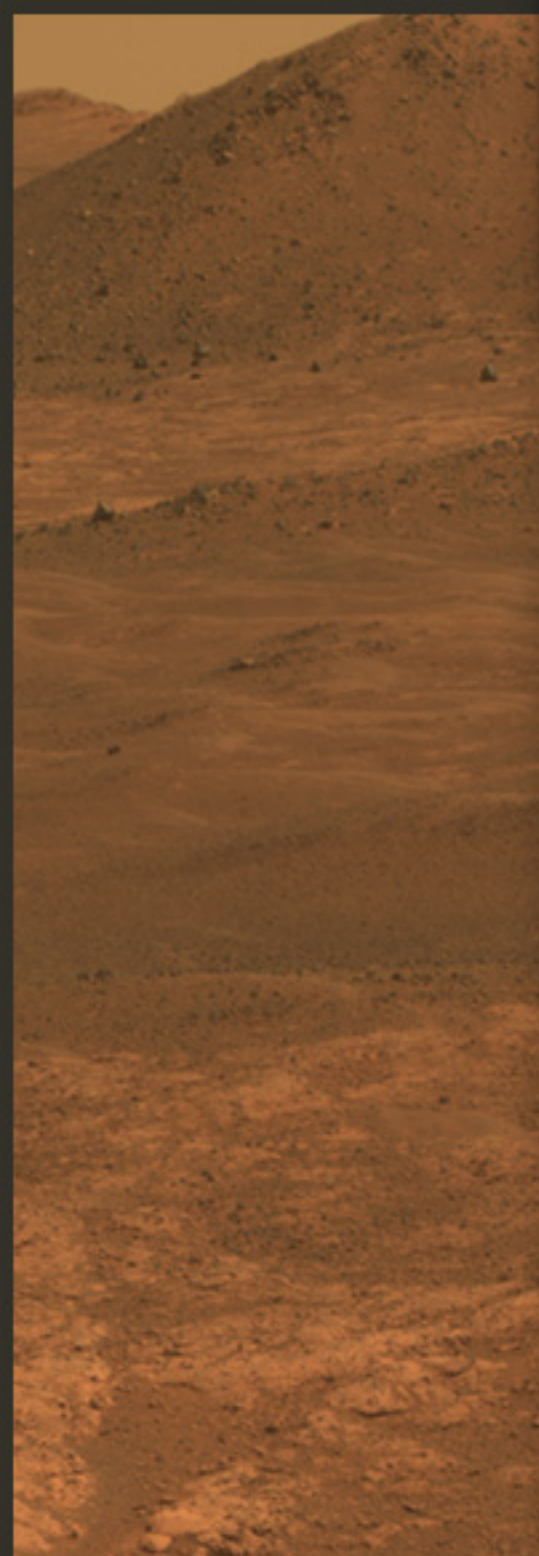
5:30:20

4:20

25:52









# Thank you