

## Weather/Terrain Inject Cards

### HOW TO USE

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These cards modify environmental conditions. Apply during TLP Step 1 (for planning) or during execution (for dynamic weather changes). Update the weather section or provide as a weather update.

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#### CARD WT-01: HEAVY RAIN AND REDUCED VISIBILITY

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**Apply During:** TLP Step 1 or during execution

**Inject Text:** "Weather Update: Heavy thunderstorms have moved into the area. Visibility reduced to 100 meters. Terrain is becoming muddy, affecting vehicle movement. Plan for wet weather operations."

**Effect:** Candidate must adjust movement plan, visibility considerations, and terrain analysis.

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#### CARD WT-02: FOG/LIMITED VISIBILITY

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**Apply During:** TLP Step 1 or during execution

**Inject Text:** "Weather Update: Dense fog has developed. Visibility reduced to 50 meters. Navigation and target identification will be difficult."

**Effect:** Candidate must adjust movement techniques, navigation plan, and engagement criteria.

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#### CARD WT-03: EXTREME HEAT

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**Apply During:** TLP Step 1

**Inject Text:** "Weather Update: Temperature has risen to 95°F with high humidity. Heat category is Black Flag. Plan for increased water consumption and heat casualty prevention."

**Effect:** Candidate must adjust sustainment plan, water requirements, and rest plan.

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#### CARD WT-04: HIGH WINDS

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**Apply During:** TLP Step 1 or during execution

**Inject Text:** "Weather Update: Sustained winds of 25-30 mph with gusts up to 40 mph. Affects helicopter operations, indirect fire accuracy, and movement of light equipment."

**Effect:** Candidate must consider wind effects on fires, aviation, and equipment.

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#### CARD WT-05: TERRAIN CHANGES - FLOODING

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**Apply During:** TLP Step 1

**Inject Text:** "Terrain Update: Recent heavy rain has caused flooding. Primary approach route is now partially underwater. Alternate routes required. Low-lying areas are impassable."

**Effect:** Candidate must adjust route selection and movement plan.

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#### **CARD WT-06: DARKNESS/LIMITED LIGHT**

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**Apply During:** TLP Step 1 (for day operations becoming night)

**Inject Text:** "Timeline Update: Mission execution will occur during limited visibility period (EENT/BMNT). Plan for night operations with limited natural light."

**Effect:** Candidate must adjust for night operations, use of artificial light, and night movement techniques.

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#### **CARD WT-07: SNOW/ICE CONDITIONS**

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**Apply During:** TLP Step 1 (if applicable to training area)

**Inject Text:** "Weather Update: Unexpected snow/ice conditions. Terrain is slippery, affecting movement. Visibility may be reduced. Plan for cold weather operations."

**Effect:** Candidate must adjust movement plan, traction considerations, and cold weather procedures.

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#### **CARD WT-08: DUST STORM/SAND**

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**Apply During:** TLP Step 1 or during execution

**Inject Text:** "Weather Update: Dust storm/sand conditions developing. Visibility reduced to 200 meters. Affects breathing, equipment function, and navigation."

**Effect:** Candidate must adjust movement plan, equipment protection, and protective measures.

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#### **CARD WT-09: TERRAIN OBSTACLES**

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**Apply During:** TLP Step 1

**Inject Text:** "Terrain Update: Recent enemy activity has created obstacles along primary route. Route may be mined or have obstacles emplaced. Alternate routes recommended."

**Effect:** Candidate must adjust route selection and obstacle avoidance plan.

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#### **CARD WT-10: RAPID WEATHER CHANGE**

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**Apply During:** During execution

**Inject Text:** "Weather Update: Weather conditions have rapidly deteriorated. [Specify change: rain, fog, wind, etc.]. Adjust operations accordingly."

**Effect:** Candidate must adapt plan to changing weather conditions during execution.

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**ACKNOWLEDGE:**

MATTHEW WAGNER

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