SITE WEATHER · DAMMAM · FRIDAY 20 NOVEMBER

Pour concrete 07-12 h; fast drying limits the rest of the day.

Rain 0 mm · 0% | Storms low | Heat 27 °C WBGT | Gusts 5 m/s

CONCRETE POUR

Limited — Go 07-12 h, 13-15 h, 16-17 h

07	08	09	10	11	13	14	15	16
Go	Go	Go	Go	Go	Go	Go	Limited	Go

Limited by fast drying. Curing cover and windbreaks ready.

PAINTING & COATINGS

Limited — Go 09-12 h, 13-17 h

07	08	09	10	11	13	14	15	16
No	Limited	Go	Go	Go	Go	Go	Go	Go

Limited by humidity or dew. Check the surface is 3 °C above dew point.

NO WEATHER LIMITS

Go

Outdoor labour, Asphalt & surfacing, Crane lifts, Work at height, Earthworks.

Screening guidance from a forecast. Your contract, crane limits and site H&S plan come first.

gavacharles.github.io/kampala-heat-atlas/site-weather/dammam

By Gava Charles · Kampala Heat Atlas · forecast data Open-Meteo

SITE WEATHER · DAMMAM

The week on site

When each trade can go ahead, 07-17 h, lunch excluded

	Fri 20	Sat 21	Sun 22	Mon 23	Tue 24	Wed 25	Thu 26
Outdoor labour	all day	all day	all day	all day	all day	all day	all day
Concrete pour	07-12 13-15+	07-10	07-11 16-17	all day	all day	all day	all day
Asphalt & surfacing	all day	all day	all day	all day	all day	all day	all day
Crane lifts	all day	all day	all day	08-12 13-17	09-12 13-17	11-12 13-17	all day
Work at height	all day	all day	all day	08-12 13-17	09-12 13-17	11-12 13-17	all day
Painting & coatings	09-12 13-17	all day	all day	09-12 13-17	10-12 13-17	10-12 13-17	09-12 13-17
Earthworks	all day	all day	all day	all day	all day	all day	all day
Rain	0 mm 0%	0 mm 0%	0 mm 0%	0 mm 0%	0 mm 0%	0 mm 0%	0 mm 0%
Storms	low	low	low	low	low	low	low

go most of the day · part of the day · little or none

Times are go windows: 08-13 = from 08:00 until the lunch break; + = more windows that day.

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SITE WEATHER · HOW IT WORKS

How to read the cards

A daily weather check for contractors and site managers

STEP 01 · 1

The headline

The one thing to plan the day around. The key time is marked in yellow.

STEP 02 · 2

A card per trade

Problems first: Stop, Limited (go only in the hours shown), Care. Trades with no limits share one card.

STEP 03 · 3

Hour chips

9 working hours, 07:00-17:00, lunch excluded. Green go, amber care, red stop.

STEP 04 · 4

Heat uses WBGT

The standard for heat stress at work; it sets work/rest cycles.

STEP 05 · 5

Concrete and asphalt

Rain now or within three hours, wet surfaces, and drying fast enough to crack fresh concrete (ACI 305).

STEP 06 · 6

Cranes and painting

Gusts at 30 m hook height and storms; painting needs the surface 3 °C above dew point (ISO 8502-4).

STEP 07 · 7

Every day on record

Month by month against the 1991-2020 climate, for programme reviews and delay claims.

Screening guidance from a forecast. Your contract, crane limits and site H&S plan come first.

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