CAIRO WEST, EGYPT (UAR)

STA NO. 62367/ (IN AREA NUMBER 02) LATITUDE 3007N LONGITUDE 03055E ELEVATION(FT) 00492

PARAMETER DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	POR (YRS)	NO. OBS
ABS MAX TMP (F)	78	88	95	105	112	110	106	103	99	100	93	81	112	4	-62366
MEAN MAX TMP (F)	65	67	73	82	90	95	96	96	90	85	79	69	82	4	-62366
MEAN MIN TMP (F)	48	48	51	56	64	69	71	72	70	64	59	51	60	4	-62366
ABS MIN TMP (F)	41	41	43	45	52	59	66	68	63	55	50	43	41	4	-62366
MEAN NO DYS TMP = OR GTR 90(F)	0.0	0.0	0.7	6.7	16.6	26.6	30.7	30.3	17.3	5.6	0.8	0.0	138.3	4	-62366
MEAN NO DYS TMP = OR LES 32(F)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	-29
MEAN NO DYS TMP = OR LES 0(F)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	-29
MEAN DEW PT TMP (F)	42	39	41	46	52	57	62	64	64	57	54	47	52	4	-62366
MEAN REL HUM (PCT)	62	54	51	30	48	49	55	55	62	58	64	65	56	4	-62366
MEAN PRESS ALT (FT)	374	403	451	510	541	583	657	637	548	461	409	379	496	0	-50
MEAN PRECIP (IN)	0.05	0.07	0.09	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.07	0.47	1.3	4	-62366
MEAN SNOW FALL (IN)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	-29
MEAN NO DYS PRCP = OR GTR 0.1 IN	0.3	0.3	0.3	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.3	1.1	3.7	4	-29
MEAN NO DYS SNFL = OR GTR 1.5 IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	-29
MEAN NO DYS W/OCUR VSBY LES 1/2 MI	1.0	1.3	1.6	1.3	1.3	1.0	1.6	0.7	0.7	0.7	2.3	1.3	14.8	4	-62366
MEAN NO DYS TSTMS	0.0	0.0	0.0	0.0	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.9	4	-62366
P FREQ WND SPD = OR GTR 17 KTS	14.9	17.7	15.7	12.4	13.2	8.2	3.8	2.2	2.2	3.7	5.8	8.4	9.0	4	-62366
P FREQ WND SPD = OR GTR 28 KTS	1.8	3.6	3.9	0.8	0.3	0.0	0.0	0.0	0.0	0.2	0.5	0.4	1.0	4	-62366
P FREQ LES 5000 FT A/O LES 5 MI	14.5	15.4	15.3	10.3	11.2	9.4	12.7	12.4	11.7	8.4	13.1	17.4	12.7	4	-62366
P FREQ LES 1300 FT A/O LES 3 MI															
FOR 00-02 LST	2.5	1.2	1.8	3.0	1.8	3.0	7.5	5.8	3.7	1.5	2.5	2.5	3.1	4	-62366
03-05 LST	1.1	2.4	5.7	6.3	9.7	20.4	21.1	19.5	12.3	2.5	4.7	4.4	9.2	4	-62366
06-08 LST	4.3	3.6	4.7	6.7	7.5	15.6	22.6	23.3	19.3	4.7	7.8	7.5	10.6	4	-62366
09-11 LST	2.9	2.0	5.0	1.9	0.7	0.4	1.1	0.7	0.7	1.1	5.0	10.5	2.7	4	-62366
12-14 LST	3.6	6.3	4.7	3.0	0.4	0.0	0.0	0.0	0.0	0.0	2.2	4.3	2.0	4	-62366
15-17 LST	1.8	5.1	4.7	2.6	3.9	0.0	0.0	0.0	0.0	0.0	0.8	2.5	1.8	4	-62366
18-20 LST	1.4	3.1	2.5	1.1	1.8	0.7	0.0	0.0	0.4	0.0	0.0	1.8	1.1	4	-62366
21-23 LST	0.4	2.0	3.6	0.0	0.4	0.0	0.4	0.0	0.0	0.4	0.6	1.1	0.7	4	-62366
P FREQ LES 300 FT A/O LES 1 MI															
FOR 00-02 LST	0.0	0.8	1.1	0.7	0.0	0.0	0.4	0.4	0.0	0.0	0.3	0.7	0.4	4	-62366
03-05 LST	0.0	1.6	2.2	1.5	2.2	0.4	0.7	1.8	0.7	0.7	2.5	1.1	1.3	4	-62366
06-08 LST	1.4	0.8	1.4	1.1	0.4	1.1	1.4	1.4	0.7	1.8	3.9	2.9	1.5	4	-62366
09-11 LST	1.1	1.2	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.4	0.5	4	-62366
12-14 LST	1.1	3.5	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.8	4	-62366
15-17 LST	1.1	4.3	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.8	4	-62366
18-20 LST	0.0	1.6	1.8	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.3	4	-62366
21-23 LST	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	4	-62366

stone colder than air

Water trouble from dew—
Hydrogen sulphide of salt causes dew to form much earlier

CAIRO WEST, EGYPT (UAR)

MEAN NUMBER OF DAYS

PARAMETER DESCRIPTION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	POR (YRS)	NO. OBS
CIG = GTR 1000 FT AND VSBY = GTR 3 MI	02 LST	30.7	27.7	30.3	29.6	31.0	30.0	31.0	30.7	30.0	31.0	29.5	30.3	361.8	4	-62366
	08 LST	30.7	27.3	30.3	27.3	29.0	28.3	27.7	25.3	26.0	29.6	28.2	29.3	339.0	4	-62366
	14 LST	29.3	26.0	29.3	29.0	31.0	30.0	31.0	31.0	30.0	31.0	29.5	29.0	356.1	4	-62366
	20 LST	30.7	27.0	30.0	29.6	30.7	30.0	31.0	31.0	29.6	31.0	30.0	30.0	360.6	4	-62366
CIG =GTR 2000 FT AND VSBY =GTR 3 MI W/SFC WND LES 10 KTS	02 LST	19.3	15.1	19.0	17.6	19.0	21.7	27.0	27.7	25.3	25.0	22.5	19.3	258.5	4	-62366
	08 LST	17.0	12.2	18.3	17.3	18.0	16.3	18.0	19.0	20.0	26.0	21.5	19.0	222.6	4	-62366
	14 LST	14.0	8.5	9.6	8.6	11.0	12.7	17.3	18.7	16.3	16.3	10.7	12.6	156.3	4	-62366
	20 LST	18.3	14.1	10.3	6.0	4.7	2.0	4.0	7.0	9.0	10.0	13.7	20.0	119.1	4	-62366
SFC WND = GTR 17 KTS AND NO PRECIP.	02 LST	2.3	2.9	2.0	1.0	2.0	0.3	0.0	0.0	0.0	0.0	0.2	1.0	11.7	4	-62366
	08 LST	3.0	2.6	3.3	2.0	1.0	1.0	0.0	0.0	0.0	0.3	1.2	1.6	16.0	4	-62366
	14 LST	8.6	9.5	8.0	6.7	4.3	2.6	0.3	0.3	1.0	2.0	4.7	5.6	53.6	4	-62366
	20 LST	3.3	2.3	6.0	5.6	10.7	10.0	4.3	4.0	1.3	2.0	0.5	1.6	51.6	4	-62366
SFC WND 4-10 KTS AND TMP 33-89 DEG F AND NO PRECIP.	02 LST	17.6	12.5	17.0	18.0	18.0	22.3	25.6	20.0	23.0	19.3	18.0	15.8	227.1	4	-62366
	08 LST	13.0	9.5	13.0	12.7	14.0	18.0	17.0	14.7	12.0	14.7	14.0	14.3	166.9	4	-62366
	14 LST	15.3	12.5	12.0	10.3	11.7	11.3	9.3	7.3	13.3	16.0	13.2	12.0	144.2	4	-62366
	20 LST	16.3	16.1	10.7	8.0	4.7	1.3	1.3	2.0	11.0	16.0	13.0	16.6	117.0	4	-62366
SKY COVER LES 3/10 AND VSBY = GTR 3 MI	02 LST	17.0	20.0	25.0	25.0	25.0	29.0	31.0	31.0	28.0	25.0	25.0			1	-62366
	08 LST	17.0	17.0	16.0	13.0	17.0	15.0	14.0	12.0	17.0	18.0	17.0			1	-62366
	14 LST	5.0	9.0	10.0	16.0	15.0	28.0	31.0	28.0	27.0	20.0	10.0			1	-62366
	20 LST	7.0	9.0	13.0	15.0	17.0	27.0	30.0	29.0	23.0	17.0	16.0			1	-62366
CIG = GTR 2500 FT AND VSBY = GTR 3 MI	02 LST	30.3	27.3	30.3	28.7	30.3	29.3	29.6	30.3	28.7	31.0	29.3	30.0	355.1	4	-62366
	08 LST	30.0	27.3	28.3	24.7	26.3	19.7	17.6	19.0	21.3	28.3	27.0	28.6	278.1	4	-62366
	14 LST	29.3	26.0	29.0	28.3	31.0	30.0	31.0	30.7	29.6	30.7	27.8	28.3	351.7	4	-62366
	20 LST	30.7	27.0	29.6	29.0	30.7	30.0	31.0	31.0	29.6	31.0	30.0	29.6	359.8	4	-62366
CIG = GTR 6000 FT AND VSBY = GTR 3 MI	02 LST	28.6	24.0	28.3	28.7	29.6	29.0	29.6	30.0	28.3	31.0	27.8	28.6	343.8	4	-62366
	08 LST	27.3	25.0	25.3	23.0	24.3	16.3	16.6	17.6	21.0	27.7	25.5	26.0	277.6	4	-62366
	14 LST	23.3	17.4	22.3	26.6	27.7	30.0	31.0	30.3	27.7	24.6	23.3	24.0	308.2	4	-62366
	20 LST	27.0	21.4	27.3	29.6	29.0	30.0	31.0	31.0	29.6	30.0	27.8	25.6	339.3	4	-62366
CIG = GTR 10000 FT AND VSBY = GTR 3 MI	02 LST	26.0	23.0	28.6	28.0	29.3	29.0	29.6	30.0	28.3	30.0	27.2	28.0	337.0	4	-62366
	08 LST	25.6	23.7	25.3	22.7	23.7	18.0	16.6	17.6	21.0	27.7	25.2	25.3	272.4	4	-62366
	14 LST	21.0	16.8	22.0	26.0	27.3	30.0	31.0	30.3	27.7	24.6	23.0	23.0	302.7	4	-62366
	20 LST	21.6	20.1	26.0	27.7	27.3	30.0	31.0	31.0	29.6	29.6	27.0	24.0	324.9	4	-62366

From: U.S. Naval Weather Service Worldwide Airfield Summaries
Vol IX Pt.1 Africa (Northern Half) Dec. 1968

MEAN DAILY MAXIMUM (MINIMUM) TEMPERATURE-DEG. F.

The average of all the daily maximum (minimum) temperatures observed in the specified month.

MEAN NO. DAYS WITH MAXIMUM TEMPERATURE GREATER THAN 90 DEG. F.

The average of the number of days in the specified month on which the maximum temperature was observed to be equal to or greater than 90 deg. F.

MEAN NO. DAYS WITH MINIMUM TEMPERATURE LESS THAN 32 DEG. F (LESS THAN 0 DEG. F.).

The average of the number of days in the specified month on which the minimum temperature was observed to be equal to or less than 32 deg.F.(0 deg.F.).

MEAN DEW POINT TEMPERATURE-DEG. F.

The average of all hourly dew point temperatures observed in the specified month.

MEAN RELATIVE HUMIDITY-PERCENT

The average of all hourly relative humidity values observed in a specified month.

MEAN PRESSURE ALTITUDE-FEET

The average station pressure observed at the airfield in the specified month converted to an altitude by using the U. S. Standard Atmosphere.

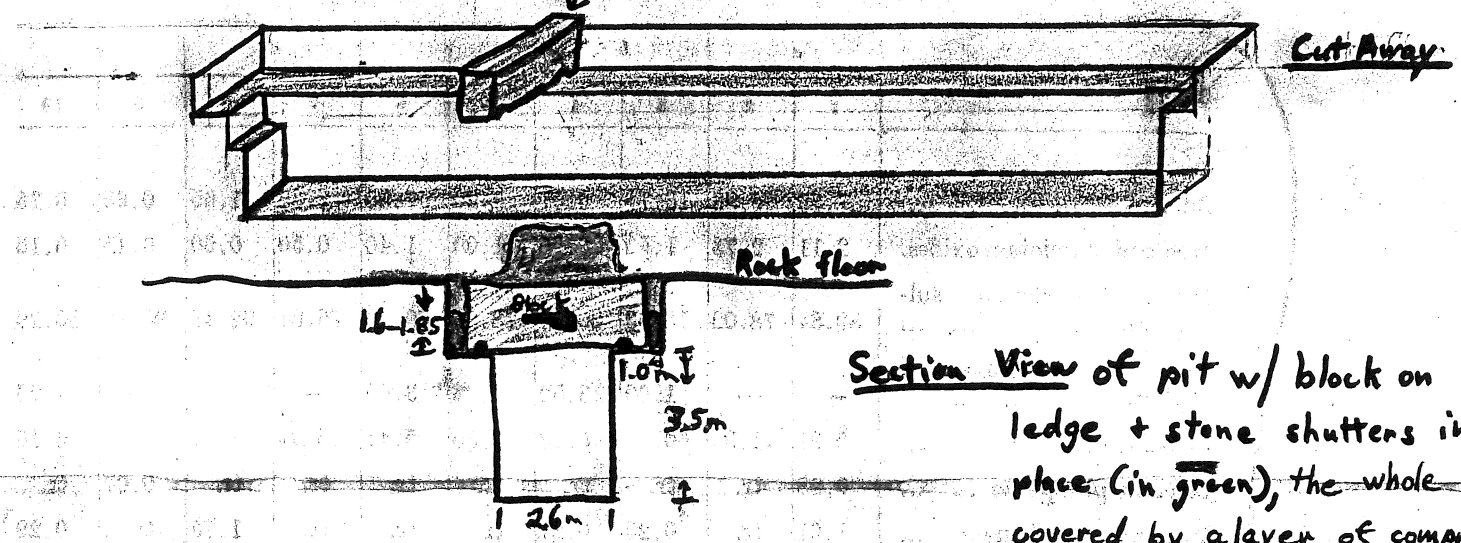
MEAN MONTHLY PRECIPITATION-INCHES

The average of the monthly total amount of all forms of precipitation, reduced to its liquid equivalent, observed in the specified month.

MEAN MONTHLY SNOWFALL-INCHES

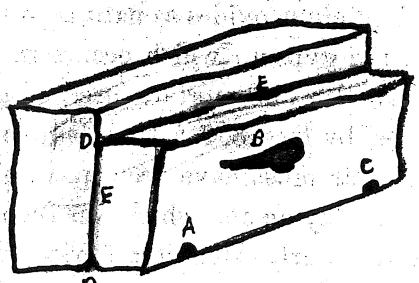
The average of the monthly total amount of snowfall observed in the specified month.

sample covering block showing location on ledge of pit



Section View of pit w/ block on ledge + stone shutters in place (in green), the whole covered by a layer of compressed earth (in blue) and a mud + stone wall (Elevations on sheet "C"), in turn.

The 41 limestone covering blocks over Khufu Pit average 4.31 X 1.59 X .78m or 14 tons (±).



gypsum

● - Type A, B C

● - Type D, E

Gypsum type A, B & C (see reverse for composition) used to fill lever holes and to fill minor blemishes in the surfaces between two blocks. Type D & E was poured between the blocks to effect the seal.