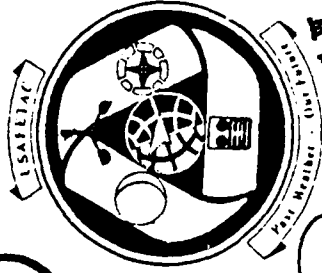
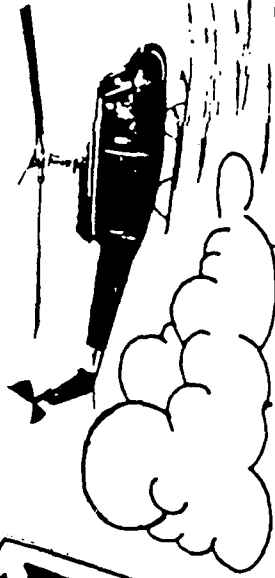
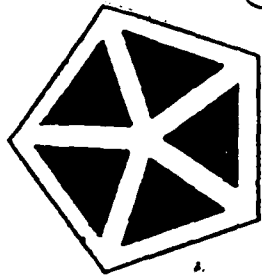


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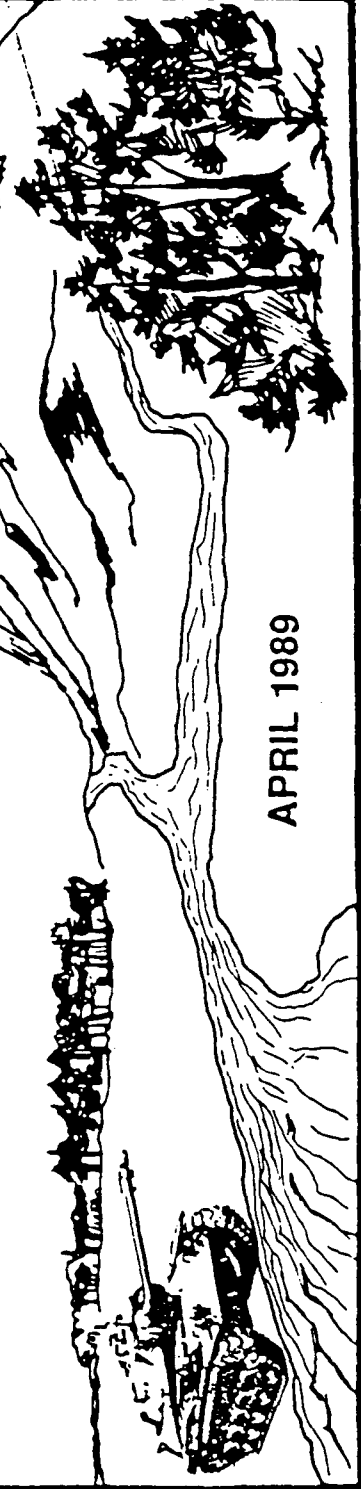
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CLIMATOLOGY HANDBOOK FOR V CORPS FORWARD AREAS

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USAFETAC/PR-89/003, *Climatology Handbook for V Corps Forward Areas*, April 1989, has been reviewed and approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).



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SUMMARY

THIS PAMPHLET IS A COMPACT, UNCLASSIFIED, TABULAR CLIMATOLOGY OF WEATHER CONDITIONS THAT CAN AFFECT OPERATIONS IN V CORPS FORWARD AREAS WHICH, FOR THE PURPOSES OF THIS DOCUMENT, IS THE REGION BOUNDED BY 50 TO 51 DEGREES NORTH AND 09 TO 10 DEGREES EAST. THE AREA ENCOMPASSES WEST CENTRAL WEST GERMANY AND A SMALL PORTION OF EAST GERMANY. TERRAIN IS HILLY; ELEVATIONS RANGE FROM 100 TO ABOUT 950 METERS (300-3,000 FEET). TERRAIN VARIATIONS HERE CAN BE SUCH AS TO AFFECT WEATHER CONDITIONS SIGNIFICANTLY FROM ONE POINT TO ANOTHER.

THE TABLES IN THE PAMPHLET WERE PRODUCED BY USAFETAC/ECO IN RESPONSE TO A SUPPORT ASSISTANCE REQUEST FROM DETACHMENT 8, 7TH WEATHER SQUADRON. VALUES IN THE TABLES ARE CLIMATOLOGICALLY REPRESENTATIVE OF THE ENTIRE FORWARD AREA--THEY ARE NOT MEANT TO BE REPRESENTATIVE OF ANY SPECIFIC POINT OR POINTS. THE TABLES ARE BASED ON CLIMATOLOGICAL RECORDS; THEY GIVE "AVERAGES" FOR THE TIMES AND LOCATIONS INDICATED. PLANNERS SHOULD NOTE THAT EUROPEAN WEATHER IS SUBJECT TO RADICAL CHANGE WITHIN HOURS. ALTHOUGH THESE TABLES ARE VALUABLE FOR LONG-RANGE PLANNING, OPERATIONAL WEATHER FORECASTS CAN AND SHOULD BE OBTAINED FROM A STAFF WEATHER OFFICER.

THE TABLES INCLUDE THE MOST ACCURATE AND REPRESENTATIVE DATA AVAILABLE AT THE TIME OF PREPARATION. THERE ARE BOUND TO BE IMPROVEMENTS IN THE SPECIFICATIONS, HOWEVER, AS BETTER ALGORITHMS AND MORE DATA BECOME AVAILABLE. USAFETAC/ECO SCOTT AFB, ILL 62225-5438, AV576-2642, WELCOMES SUGGESTIONS FOR IMPROVEMENT.

DESCRIPTIONS OF EACH TABLE, AND THE CRITERIA USED TO CALCULATE THEM, PRECEDE EACH DATA SET. TO DEAL WITH TERRAIN AND DIURNAL EFFECTS, SEVERAL DIFFERENT KINDS OF TABLES ARE PROVIDED, EACH DEPENDENT ON ELEVATION AND TIME OF DAY. THE TABLES ARE:

1. TABLES WITH A SINGLE VALUE FOR EACH MONTH.
2. MONTHLY TABLES WITH VALUES FOR EACH OF THREE DIFFERENT ELEVATION RANGES: UP TO 299M., 300-600M. AND ABOVE 600M. (FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON: UP TO 249M., 250-500M. AND ABOVE 500M.)
3. MONTHLY TABLES WITH VALUES FOR EACH OF EIGHT DIFFERENT HOUR GROUPS: 2300-0159, 0200-0459, 0500-0759, 0800-1059, 1100-1359, 1400-1659, 1700-1959 AND 2000-2259. ALL TIMES ARE LOCAL STANDARD.
4. MONTHLY TABLES WITH VALUES FOR ELEVATIONS AND HOUR GROUPS.

ALL ELEVATIONS ARE EXPRESSED IN METERS ABOVE SEA LEVEL.

NOTE THAT TABLES ENTITLED "GROUND OBSCURATION" CONTAIN, IN FACT, VALUES INDICATING THE PERCENT OF TIME THAT NO GROUND OBSCURATION EXISTS.

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PART 1--VISIBILITY

THE FOLLOWING TABLES SHOW WHEN SURFACE VISIBILITIES AT A GIVEN ELEVATION MAY BE EXPECTED TO EQUAL OR EXCEED CERTAIN VALUES (IN METERS) 90% OF THE TIME AND (AS EXPRESSED IN PARENTHESES) 80% OF THE TIME. THE USE OF 90 AND 80 PERCENTILE FACTORS PROVIDES A SIGNIFICANT DEGREE OF RELIABILITY FOR VARYING TIMES OF DAY THROUGHOUT THE YEAR.

ALTHOUGH THESE TABLES ARE DESIGNED TO HELP FIELD COMMANDERS IN V CORPS FORWARD AREAS PLAN WEAPONS SYSTEMS SITING, THEY CAN BE USEFUL IN OTHER APPLICATIONS, SUCH AS CONVOY ROUTING.

VISIBILITY--JANUARY

THE VALUES UNDER ONE OF THE THREE COLUMN HEADINGS THAT REPRESENT YOUR CURRENT ELEVATION WILL TELL YOU THE SURFACE VISIBILITY (IN METERS) THAT YOU CAN EXPECT AT LEAST 90% (80%) OF THE TIME FOR THE PERIODS SHOWN IN THE LEFT-HAND COLUMN. xx = DATA NOT AVAILABLE.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	2200 (4000)	2600 (3400)	xx (xx)
0200 - 0459	2200 (4000)	2200 (3800)	xx (xx)
0500 - 0759	1700 (3200)	1500 (2800)	xx (xx)
0800 - 1059	1800 (3500)	1700 (3200)	xx (xx)
1100 - 1359	2000 (4000)	2200 (4000)	xx (xx)
1400 - 1659	2000 (3800)	2400 (4500)	xx (xx)
1700 - 1959	2400 (4000)	1600 (4000)	xx (xx)
2000 - 2259	2200 (4000)	1500 (3500)	xx (xx)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS AND LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE 2200 METERS OR MORE AT LEAST 90% OF THE TIME, AND 4000 METERS OR MORE AT LEAST 80% OF THE TIME.

VISIBILITY--FEBRUARY

THE VALUES UNDER ONE OF THE THREE COLUMN HEADINGS THAT REPRESENT YOUR CURRENT ELEVATION WILL TELL YOU THE SURFACE VISIBILITY (IN METERS) THAT YOU CAN EXPECT AT LEAST 90% (80%) OF THE TIME FOR THE PERIODS SHOWN IN THE LEFT-HAND COLUMN. xx = DATA NOT AVAILABLE.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	4000 (5000)	1800 (3000)	xx (xx)
0200 - 0459	2200 (3000)	1000 (1900)	xx (xx)
0500 - 0759	1200 (2400)	1100 (1800)	xx (xx)
0800 - 1059	1500 (2800)	1700 (2300)	xx (xx)
1100 - 1359	2700 (3500)	2600 (4300)	xx (xx)
1400 - 1659	3000 (4000)	2400 (4000)	xx (xx)
1700 - 1959	3000 (4000)	2800 (3800)	xx (xx)
2000 - 2259	3000 (4100)	2400 (3600)	xx (xx)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS AND LOCAL TIME IS BETWEEN 1100 AND 1359. GROUND VISIBILITY SHOULD BE 2600 METERS OR MORE AT LEAST 90% OF THE TIME, AND 4300 METERS OR MORE AT LEAST 80% OF THE TIME.

VISIBILITY--MARCH

THE VALUES UNDER ONE OF THE THREE COLUMN HEADINGS THAT REPRESENT YOUR CURRENT ELEVATION WILL TELL YOU THE SURFACE VISIBILITY (IN METERS) THAT YOU CAN EXPECT AT LEAST 90% (80%) OF THE TIME FOR THE PERIODS SHOWN IN THE LEFT-HAND COLUMN. xx = DATA NOT AVAILABLE.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	6000 (7000)	1500 (3500)	xx (xx)
0200 - 0459	1200 (3000)	900 (2000)	xx (xx)
0500 - 0759	1400 (2800)	1200 (2200)	xx (xx)
0800 - 1059	2500 (3800)	2100 (3900)	xx (xx)
1100 - 1359	3600 (5000)	3700 (6000)	xx (100)
1400 - 1659	4000 (5000)	3200 (6000)	xx (100)
1700 - 1959	3900 (5000)	3000 (4200)	xx (xx)
2000 - 2259	4000 (5000)	4000 (6500)	xx (xx)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS AND LOCAL TIME IS BETWEEN 1100 AND 1359. YOUR GROUND VISIBILITY SHOULD BE 3700 METERS OR MORE AT LEAST 90% OF THE TIME, AND 6000 METERS OR MORE AT LEAST 80% OF THE TIME.

VISIBILITY--APRIL

THE VALUES UNDER ONE OF THE THREE COLUMN HEADINGS THAT REPRESENT YOUR CURRENT ELEVATION WILL TELL YOU THE SURFACE VISIBILITY (IN METERS) THAT YOU CAN EXPECT AT LEAST 90% (80%) OF THE TIME FOR THE PERIODS SHOWN IN THE LEFT-HAND COLUMN. xx = DATA NOT AVAILABLE.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	7000 (9000)	6000 (9000)	xx (xx)
0200 - 0459	2500 (3500)	1700 (2800)	xx (xx)
0500 - 0759	3000 (4000)	1700 (3000)	xx (xx)
0800 - 1059	4500 (6000)	5000 (6500)	xx (100)
1100 - 1359	6000 (10,000)	7000 (9500)	xx (1200)
1400 - 1659	7000 (11,000)	7000 (10,000)	xx (1200)
1700 - 1959	6000 (9000)	7000 (9000)	xx (100)
2000 - 2259	6000 (10,000)	8000 (11,500)	xx (xx)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS AND LOCAL TIME IS BETWEEN 1100 AND 1359. YOUR GROUND VISIBILITY SHOULD BE 7000 METERS OR MORE AT LEAST 90% OF THE TIME, AND 9500 METERS OR MORE AT LEAST 80% OF THE TIME.

VISIBILITY--MAY

THE VALUES UNDER ONE OF THE THREE COLUMN HEADINGS THAT REPRESENT YOUR CURRENT ELEVATION WILL TELL YOU THE SURFACE VISIBILITY (IN METERS) THAT YOU CAN EXPECT AT LEAST 90% (80%) OF THE TIME FOR THE PERIODS SHOWN IN THE LEFT-HAND COLUMN. xx = DATA NOT AVAILABLE..

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	1500 (3700)	1500 (3700)	xx (xx)
0200 - 0459	1200 (3200)	1800 (3400)	xx (xx)
0500 - 0759	3000 (4200)	3400 (5500)	xx (xx)
0800 - 1059	6000 (9000)	7000 (10,000)	xx (800)
1100 - 1359	8000 (12,000)	8000 (10,000)	100 (4000)
1400 - 1659	9000 (12,000)	8000 (10,000)	100 (5000)
1700 - 1959	7000 (11,000)	6500 (9500)	xx (1200)
2000 - 2259	6000 (9000)	7000 (8500)	xx (100)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS AND LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE 8000 METERS OR MORE AT LEAST 90% OF THE TIME, AND 10,000 METERS OR MORE AT LEAST 80% OF THE TIME.

VISIBILITY--JUNE

THE VALUES UNDER ONE OF THE THREE COLUMN HEADINGS THAT REPRESENT YOUR CURRENT ELEVATION WILL TELL YOU THE SURFACE VISIBILITY (IN METERS) THAT YOU CAN EXPECT AT LEAST 90% (80%) OF THE TIME FOR THE PERIODS SHOWN IN THE LEFT-HAND COLUMN. xx = DATA NOT AVAILABLE.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	3700 (6000)	2200 (5000)	xx (xx)
0200 - 0459	2000 (3500)	1400 (3700)	xx (xx)
0500 - 0759	3500 (4600)	3600 (6000)	xx (100)
0800 - 1059	7000 (10,000)	7000 (9000)	100 (1500)
1100 - 1359	9000 (12,000)	8000 (11,200)	200 (6000)
1400 - 1659	9000 (12,000)	9000 (12,000)	500 (6000)
1700 - 1959	7000 (11,000)	9000 (12,000)	100 (2000)
2000 - 2259	5000 (10,000)	4000 (10,000)	xx (200)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS AND LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE 8000 METERS OR MORE AT LEAST 90% OF THE TIME, AND 11,200 METERS OR MORE AT LEAST 80% OF THE TIME.

VISIBILITY--JULY

THE VALUES UNDER ONE OF THE THREE COLUMN HEADINGS THAT REPRESENT YOUR CURRENT ELEVATION WILL TELL YOU THE SURFACE VISIBILITY (IN METERS) THAT YOU CAN EXPECT AT LEAST 90% (80%) OF THE TIME FOR THE PERIODS SHOWN IN THE LEFT-HAND COLUMN. xx = DATA NOT AVAILABLE.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	7000 (9000)	3200 (6000)	xx (200)
0200 - 0459	2000 (3800)	1700 (4000)	xx (xx)
0500 - 0759	3500 (4800)	3400 (6000)	xx (100)
0800 - 1059	7000 (11,000)	7500 (10,000)	100 (1200)
1100 - 1359	10,000 (13,000)	9000 (11,000)	200 (6000)
1400 - 1659	11,000 (14,000)	9000 (11,200)	200 (7000)
1700 - 1959	10,000 (12,000)	7500 (9500)	100 (4000)
2000 - 2259	10,000 (12,000)	6500 (8000)	xx (800)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS AND LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE 9000 METERS OR MORE AT LEAST 90% OF THE TIME, AND 11,000 METERS OR MORE AT LEAST 80% OF THE TIME.

VISIBILITY--AUGUST

THE VALUES UNDER ONE OF THE THREE COLUMN HEADINGS THAT REPRESENT YOUR CURRENT ELEVATION WILL TELL YOU THE SURFACE VISIBILITY (IN METERS) THAT YOU CAN EXPECT AT LEAST 90% (80%) OF THE TIME FOR THE PERIODS SHOWN IN THE LEFT-HAND COLUMN. *xx = DATA NOT AVAILABLE.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	5000 (7000)	800 (2000)	xx (200)
0200 - 0459	200 (1100)	400 (1300)	xx (100)
0500 - 0759	1100 (3000)	1600 (2800)	xx (100)
0800 - 1059	4600 (7000)	6000 (8000)	100 (2500)
1100 - 1359	7000 (11,000)	9000 (11,200)	800 (5000)
1400 - 1659	9000 (12,000)	9000 (11,200)	1200 (7000)
1700 - 1959	7000 (10,000)	6000 (8000)	200 (4000)
2000 - 2259	3000 (5000)	6000 (9000)	100 (2000)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS, AND LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE 9000 METERS OR MORE AT LEAST 90% OF THE TIME, AND 11,200 METERS OR MORE AT LEAST 80% OF THE TIME.

VISIBILITY--SEPTEMBER

THE VALUES UNDER ONE OF THE THREE COLUMN HEADINGS THAT REPRESENT YOUR CURRENT ELEVATION WILL TELL YOU THE SURFACE VISIBILITY (IN METERS) THAT YOU CAN EXPECT AT LEAST 90% (80%) OF THE TIME FOR THE PERIODS SHOWN IN THE LEFT-HAND COLUMN. xx = DATA NOT AVAILABLE.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	4000 (6000)	400 (2300)	xx (xx)
0200 - 0459	200 (400)	300 (800)	xx (xx)
0500 - 0759	300 (1200)	500 (1600)	xx (xx)
0800 - 1059	3500 (4700)	3700 (6000)	xx (200)
1100 - 1359	6000 (9000)	7000 (8500)	100 (3000)
1400 - 1659	6000 (10,000)	7000 (10,000)	100 (3000)
1700 - 1959	6000 (9000)	6000 (9000)	xx (300)
2000 - 2259	5000 (8000)	2200 (4700)	xx (100)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS AND LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE 7000 METERS OR MORE AT LEAST 90% OF THE TIME, AND 8500 METERS OR MORE AT LEAST 80% OF THE TIME.

VISIBILITY--OCTOBER

THE VALUES UNDER ONE OF THE THREE COLUMN HEADINGS THAT REPRESENT YOUR CURRENT ELEVATION WILL TELL YOU THE SURFACE VISIBILITY (IN METERS) THAT YOU CAN EXPECT AT LEAST 90% (80%) OF THE TIME FOR THE PERIODS SHOWN IN THE LEFT-HAND COLUMN. xx = DATA NOT AVAILABLE.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	2000 (3900)	600 (2000)	xx (xx)
0200 - 0459	200 (1500)	300 (1500)	xx (xx)
0500 - 0759	200 (1100)	400 (1800)	xx (xx)
0800 - 1059	2000 (3500)	1900 (3700)	xx (xx)
1100 - 1359	4200 (5000)	5000 (7000)	xx (200)
1400 - 1659	4300 (6000)	6000 (7000)	xx (200)
1700 - 1959	4000 (4800)	4600 (7000)	xx (xx)
2000 - 2259	3000 (4000)	4500 (6500)	xx (xx)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS AND LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE 5000 METERS OR MORE AT LEAST 90% OF THE TIME, AND 7000 METERS OR MORE AT LEAST 80% OF THE TIME.

VISIBILITY--NOVEMBER

THE VALUES UNDER ONE OF THE THREE COLUMN HEADINGS THAT REPRESENT YOUR CURRENT ELEVATION WILL TELL YOU THE SURFACE VISIBILITY (IN METERS) THAT YOU CAN EXPECT AT LEAST 90% (80%) OF THE TIME FOR THE PERIODS SHOWN IN THE LEFT-HAND COLUMN. xx = DATA NOT AVAILABLE.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	3700 (5000)	2000 (3500)	xx (xx)
0200 - 0459	600 (3500)	1500 (3700)	xx (xx)
0500 - 0759	800 (3200)	1600 (2900)	xx (xx)
0800 - 1059	2000 (3500)	1800 (3600)	xx (xx)
1100 - 1359	3500 (4500)	3400 (6000)	xx (xx)
1400 - 1659	4000 (5000)	2600 (5500)	xx (xx)
1700 - 1959	3500 (4500)	2000 (3900)	xx (xx)
2000 - 2259	3000 (3800)	1700 (4200)	xx (xx)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS AND LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE 3400 METERS OR MORE AT LEAST 90% OF THE TIME, AND 6000 METERS OR MORE AT LEAST 80% OF THE TIME.

VISIBILITY--DECEMBER

THE VALUES UNDER ONE OF THE THREE COLUMN HEADINGS THAT REPRESENT YOUR CURRENT ELEVATION WILL TELL YOU THE SURFACE VISIBILITY (IN METERS) THAT YOU CAN EXPECT AT LEAST 90% (80%) OF THE TIME FOR THE PERIODS SHOWN IN THE LEFT-HAND COLUMN. xx = DATA NOT AVAILABLE..

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	3700 (6000)	3000 (4300)	xx (xx)
0200 - 0459	2200 (4000)	2200 (4000)	xx (xx)
0500 - 0759	1800 (4000)	1900 (3900)	xx (xx)
0800 - 1059	2800 (3800)	2300 (4500)	xx (xx)
1100 - 1359	3500 (4500)	2900 (5000)	xx (xx)
1400 - 1659	3500 (4500)	3300 (4700)	xx (xx)
1700 - 1959	3000 (4500)	3000 (4700)	xx (xx)
2000 - 2259	3500 (4500)	3000 (4700)	xx (xx)

EXAMPLE: YOUR GROUND ELEVATION IS 600 METERS AND LOCAL TIME IS BETWEEN 1100 AND 1359; YOUR GROUND VISIBILITY SHOULD BE 2900 METERS OR MORE AT LEAST 90% OF THE TIME, AND 5000 METERS OR MORE AT LEAST 80% OF THE TIME.

PART 2--HELICOPTER TERRAIN FLYING

"TERRAIN FLYING" IS THE COMBAT HELICOPTER TACTIC OF USING TERRAIN, VEGETATION, AND/OR MAN-MADE OBJECTS TO AVOID VISUAL, OPTICAL, OR ELECTRONIC DETECTION BY THE ENEMY. IT INVOLVES FLIGHT CLOSE TO THE SURFACE AND INCLUDES THE TACTICAL APPLICATION OF LOW-LEVEL, CONTOUR, AND NAP OF THE EARTH FLIGHT TECHNIQUES.

TERRAIN FLYING IS NORMALLY POSSIBLE WHEN INFLIGHT VISIBILITY IS AT LEAST 1/2 MILE, THERE ARE NO CLOUDS NOR OBSCURATIONS BELOW 100 FEET, AND THE AIRCRAFT CAN REMAIN CLEAR OF CLOUDS.

THE TABLES IN THIS SECTION GIVE THE AMOUNT OF TIME (EXPRESSED AS A PERCENTAGE) THAT TERRAIN FLYING MAY BE POSSIBLE FOR THE MONTHS AND TIMES SPECIFIED AND AT THE ELEVATIONS INDICATED.

THE DATA IS BASED ON THE PERCENTAGES OF TIME FOR GIVEN MONTHS AND TIMES OF DAY THAT CERTAIN COMBINATIONS OF CEILINGS AND VISIBILITIES OCCUR.

TERRAIN FLYING--JANUARY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME FAVORABLE FOR TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	97	96	36
0200 - 0459	97	95	32
0500 - 0759	94	94	35
0800 - 1059	96	96	38
1100 - 1359	98	99	43
1400 - 1659	98	99	42
1700 - 1959	98	97	39
2000 - 2259	97	98	38

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR TERRAIN FLYING AT LEAST 96% OF THE TIME.

TERRAIN FLYING--FEBRUARY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME FAVORABLE FOR TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	98	98	51
0200 - 0459	98	97	50
0500 - 0759	92	90	54
0800 - 1059	97	93	59
1100 - 1359	99	99	67
1400 - 1659	100	100	67
1700 - 1959	98	99	61
2000 - 2259	98	99	57

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR TERRAIN FLYING AT LEAST 93% OF THE TIME.

TERRAIN FLYING--MARCH

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME FAVORABLE FOR TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	100	98	54
0200 - 0459	98	96	52
0500 - 0759	94	92	51
0800 - 1059	99	97	59
1100 - 1359	100	99	71
1400 - 1659	100	99	72
1700 - 1959	100	98	68
2000 - 2259	100	99	59

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR TERRAIN FLYING AT LEAST 97% OF THE TIME.

TERRAIN FLYING--APRIL

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME FAVORABLE FOR TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	100	99	63
0200 - 0459	98	95	57
0500 - 0759	95	94	58
0800 - 1059	100	100	70
1100 - 1359	100	100	80
1400 - 1659	100	100	81
1700 - 1959	100	100	74
2000 - 2259	100	100	67

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR TERRAIN FLYING AT LEAST 100% OF THE TIME.

TERRAIN FLYING--MAY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME FAVORABLE FOR TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	99	98	67
0200 - 0459	98	95	64
0500 - 0759	97	97	65
0800 - 1059	100	100	79
1100 - 1359	100	100	85
1400 - 1659	100	100	85
1700 - 1959	100	100	80
2000 - 2259	100	100	74

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR TERRAIN FLYING AT LEAST 100% OF THE TIME.

TERRAIN FLYING--JUNE

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME FAVORABLE FOR TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	100	99	67
0200 - 0459	98	95	62
0500 - 0759	98	98	67
0800 - 1059	100	100	83
1100 - 1359	100	100	88
1400 - 1659	100	100	88
1700 - 1959	100	100	83
2000 - 2250	100	100	75

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR TERRAIN FLYING AT LEAST 100% OF THE TIME.

TERRAIN FLYING--JULY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME FAVORABLE FOR TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	100	100	71
0200 - 0459	99	97	63
0500 - 0759	98	98	67
0800 - 1059	100	100	81
1100 - 1359	100	100	88
1400 - 1659	100	100	89
1700 - 1959	100	100	84
2000 - 2259	100	100	80

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0700 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR TERRAIN FLYING AT LEAST 98% OF THE TIME.

TERRAIN FLYING--AUGUST

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME FAVORABLE FOR TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	99	96	75
0200 - 0459	94	92	68
0500 - 0759	91	90	72
0800 - 1059	100	100	83
1100 - 1359	100	100	90
1400 - 1659	100	100	90
1700 - 1959	100	100	86
2000 - 2259	100	100	82

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR TERRAIN FLYING AT LEAST 100% OF THE TIME.

TERRAIN FLYING--SEPTEMBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME FAVORABLE FOR TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	97	92	63
0200 - 0459	87	86	57
0500 - 0759	82	81	61
0800 - 1059	99	99	75
1100 - 1359	100	100	84
1400 - 1659	100	100	84
1700 - 1959	100	100	77
2000 - 2259	100	99	69

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR TERRAIN FLYING AT LEAST 99% OF THE TIME.

TERRAIN FLYING--OCTOBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME FAVORABLE FOR TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	95	95	45
0200 - 0459	88	89	45
0500 - 0759	84	82	47
0800 - 1059	95	94	58
1100 - 1359	99	100	68
1400 - 1659	99	100	69
1700 - 1959	98	99	61
2000 - 2259	98	98	53

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR TERRAIN FLYING AT LEAST 94% OF THE TIME.

TERRAIN FLYING--NOVEMBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME FAVORABLE FOR TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	95	99	41
0200 - 0459	94	97	39
0500 - 0759	88	94	41
0800 - 1059	95	95	45
1100 - 1359	97	98	56
1400 - 1659	98	98	52
1700 - 1959	98	97	49
2000 - 2259	97	98	44

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR TERRAIN FLYING AT LEAST 95% OF THE TIME.

TERRAIN FLYING--DECEMBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENTAGES OF TIME FAVORABLE FOR TERRAIN FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	99	98	32
0200 - 0459	98	97	31
0500 - 0759	95	95	33
0800 - 1059	96	97	36
1100 - 1359	98	98	42
1400 - 1659	100	97	40
1700 - 1959	100	98	37
2000 - 2259	99	99	34

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR TERRAIN FLYING AT LEAST 97% OF THE TIME.

PART 3--VFR HELICOPTER FLYING

THE TABLES IN THIS SECTION GIVE THE PERCENT OF TIME THAT CEILING AND VISIBILITY CONDITIONS ARE FAVORABLE FOR VFR (VISUAL FLIGHT RULES) HELICOPTER FLYING DURING SPECIFIED MONTHS AND TIMES AT THE ELEVATIONS SHOWN.

HELICOPTER VFR CEILING/VISIBILITY MINIMUMS ARE 500 FEET AND 1/2 MILE.

VFR HELICOPTER FLYING--JANUARY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR VFR HELICOPTER FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	93	96	29
0200 - 0459	93	92	27
0500 - 0759	91	88	26
0800 - 1059	93	92	30
1100 - 1359	96	96	34
1400 - 1659	96	97	32
1700 - 1959	94	94	30
2000 - 2259	93	95	31

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR VFR HELICOPTER FLYING AT LEAST 92% OF THE TIME.

VFR HELICOPTER FLYING--FEBRUARY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR VFR HELICOPTER FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	96	98	44
0200 - 0459	95	93	44
0500 - 0759	88	87	46
0800 - 1059	92	91	50
1100 - 1359	97	98	56
1400 - 1659	97	98	55
1700 - 1959	98	99	52
2000 - 2259	97	99	48

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR VFR HELICOPTER FLYING AT LEAST 91% OF THE TIME.

VFR HELICOPTER FLYING--MARCH

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR VFR HELICOPTER FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METER	ABOVE 600 METERS
2300 - 0159	98	98	45
0200 - 0459	95	96	44
0500 - 0759	89	89	41
0800 - 1059	95	94	46
1100 - 1359	98	99	57
1400 - 1659	98	98	61
1700 - 1959	100	97	56
2000 - 2259	100	98	52

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR VFR HELICOPTER FLYING AT LEAST 94% OF THE TIME.

VFR HELICOPTER FLYING--APRIL

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR VFR HELICOPTER FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	99	99	58
0200 - 0459	98	97	48
0500 - 0759	94	93	51
0800 - 1059	99	99	58
1100 - 1359	99	100	69
1400 - 1659	100	100	74
1700 - 1959	100	99	68
2000 - 2259	100	100	62

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR VFR HELICOPTER FLYING AT LEAST 99% OF THE TIME.

VFR HELICOPTER FLYING--MAY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR VFR HELICOPTER FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	99	98	63
0200 - 0459	97	96	60
0500 - 0759	93	96	60
0800 - 1059	100	100	70
1100 - 1359	100	100	80
1400 - 1659	100	100	80
1700 - 1959	100	100	77
2000 - 2259	100	100	70

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR VFR HELICOPTER FLYING AT LEAST 100% OF THE TIME.

VFR HELICOPTER FLYING--JUNE

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR VFR HELICOPTER FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	99	98	65
0200 - 0459	98	93	59
0500 - 0759	95	98	61
0800 - 1059	100	100	73
1100 - 1359	100	100	80
1400 - 1659	100	100	83
1700 - 1959	100	100	76
2000 - 2259	100	100	73

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR VFR HELICOPTER FLYING AT LEAST 100% OF THE TIME.

VFR HELICOPTER FLYING--JULY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR VFR HELICOPTER FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	100	97	70
0200 - 0459	99	94	63
0500 - 0759	96	97	63
0800 - 1059	100	100	73
1100 - 1359	100	100	82
1400 - 1659	100	100	85
1700 - 1959	100	100	82
2000 - 2259	100	100	77

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR VFR HELICOPTER FLYING AT LEAST 100% OF THE TIME.

VFR HELICOPTER FLYING--AUGUST

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR VFR HELICOPTER FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	98	98	73
0200 - 0459	96	92	68
0500 - 0759	87	90	66
0800 - 1059	100	100	75
1100 - 1359	100	100	84
1400 - 1659	100	100	87
1700 - 1959	100	100	84
2000 - 2259	100	100	80

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR VFR HELICOPTER FLYING AT LEAST 100% OF THE TIME.

VFR HELICOPTER FLYING--SEPTEMBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR VFR HELICOPTER FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	98	93	60
0200 - 0459	93	86	55
0500 - 0759	79	80	56
0800 - 1059	97	97	64
1100 - 1359	100	100	77
1400 - 1659	100	100	79
1700 - 1959	100	100	74
2000 - 2259	100	97	66

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR VFR HELICOPTER FLYING AT LEAST 97% OF THE TIME.

VFR HELICOPTER FLYING--OCTOBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR VFR HELICOPTER FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	93	92	43
0200 - 0459	86	84	45
0500 - 0759	77	79	43
0800 - 1059	90	92	50
1100 - 1359	98	99	61
1400 - 1659	99	99	63
1700 - 1959	99	98	58
2000 - 2259	96	96	52

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR VFR HELICOPTER FLYING AT LEAST 92% OF THE TIME.

VFR HELICOPTER FLYING--NOVEMBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR VFR HELICOPTER FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	96	89	39
0200 - 0459	93	88	37
0500 - 0759	85	87	34
0800 - 1059	90	91	36
1100 - 1359	97	96	44
1400 - 1659	97	95	46
1700 - 1959	96	94	43
2000 - 2259	96	95	41

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR VFR HELICOPTER FLYING AT LEAST 91% OF THE TIME.

VFR HELICOPTER FLYING--DECEMBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR VFR HELICOPTER FLYING DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	94	97	28
0200 - 0459	96	93	26
0500 - 0759	94	89	27
0800 - 1059	94	93	30
1100 - 1359	96	94	33
1400 - 1659	96	93	32
1700 - 1959	98	95	30
2000 - 2259	95	96	29

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR VFR HELICOPTER FLYING AT LEAST 93% OF THE TIME.

PART 4--WARTIME CLOSE AIR SUPPORT/AERIAL RECON

THESE TABLES GIVE THE PERCENTAGES OF TIME THAT CEILING AND VISIBILITY CONDITIONS ARE GENERALLY FAVORABLE FOR CLOSE AIR SUPPORT AND AERIAL RECON WHEN OPERATING UNDER WARTIME WEATHER MINIMUMS; THAT IS, THE PERCENT OF TIME THAT CEILING AND/OR VISIBILITY IS EQUAL TO OR GREATER THAN 1,000 FEET AND/OR 2 1/2 MILES.

WARTIME CLOSE AIR SUPPORT/AERIAL RECON--JANUARY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 249 METERS	250-500 METERS	ABOVE 500 METERS
2300 - 0159	75	73	25
0200 - 0459	69	68	23
0500 - 0759	65	63	24
0800 - 1059	68	68	24
1100 - 1359	77	74	25
1400 - 1659	78	76	25
1700 - 1959	78	75	25
2000 - 2259	79	71	26

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 68% OF THE TIME.

WARTIME CLOSE AIR SUPPORT/AERIAL RECON--FEBRUARY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 249 METERS	250-500 METERS	ABOVE 500 METERS
2300 - 0159	81	68	35
0200 - 0459	76	64	36
0500 - 0759	63	53	38
0800 - 1059	68	61	40
1100 - 1359	81	78	44
1400 - 1659	82	79	43
1700 - 1959	80	74	40
2000 - 2259	82	72	38

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 61% OF THE TIME.

WARTIME CLOSE AIR SUPPORT/AERIAL RECON--MARCH

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 249 METERS	250-500 METERS	ABOVE 500 METERS
2300 - 0159	95	75	34
0200 - 0459	88	67	33
0500 - 0759	73	61	33
0800 - 1059	83	77	34
1100 - 1359	93	86	40
1400 - 1659	94	84	47
1700 - 1959	94	81	41
2000 - 2259	95	78	38

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 77% OF THE TIME.

WARTIME CLOSE AIR SUPPORT/AERIAL RECON--APRIL

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 249 METERS	250-500 METERS	ABOVE 500 METERS
2300 - 0159	96	81	50
0200 - 0459	89	74	46
0500 - 0759	75	75	44
0800 - 1059	96	90	49
1100 - 1359	97	97	59
1400 - 1659	98	97	64
1700 - 1959	97	96	58
2000 - 2259	98	94	54

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 90% OF THE TIME.

WARTIME CLOSE AIR SUPPORT/AERIAL RECON--MAY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 249 METERS	250-500 METERS	ABOVE 500 METERS
2300 - 0159	97	83	58
0200 - 0459	88	73	55
0500 - 0759	83	85	55
0800 - 1059	96	97	62
1100 - 1359	98	98	70
1400 - 1659	98	97	74
1700 - 1959	98	97	71
2000 - 2259	99	96	63

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 97% OF THE TIME.

WARTIME CLOSE AIR SUPPORT/AERIAL RECON--JUNE

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 249 METERS	250-500 METERS	ABOVE 500 METERS
2300 - 0159	94	85	58
0200 - 0459	85	78	52
0500 - 0759	87	89	53
0800 - 1059	98	98	61
1100 - 1359	100	98	73
1400 - 1659	99	99	75
1700 - 1959	98	99	69
2000 - 2259	96	95	64

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 98% OF THE TIME.

WARTIME CLOSE AIR SUPPORT/AERIAL RECON--JULY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 249 METERS	250-500 METERS	ABOVE 500 METERS
2300 - 0159	98	86	64
0200 - 0459	91	75	57
0500 - 0759	87	88	55
0800 - 1059	97	98	64
1100 - 1359	99	99	74
1400 - 1659	100	99	77
1700 - 1959	99	99	74
2000 - 2259	99	97	67

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 98% OF THE TIME.

WARTIME CLOSE AIR SUPPORT/AERIAL RECON--AUGUST

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 249 METERS	250-500 METERS	ABOVE 500 METERS
2300 - 0159	94	83	65
0200 - 0459	84	71	60
0500 - 0759	72	72	57
0800 - 1059	94	95	63
1100 - 1359	98	99	74
1400 - 1659	98	99	80
1700 - 1959	98	98	75
2000 - 2259	98	95	70

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 95% OF THE TIME.

WARTIME CLOSE AIR SUPPORT/AERIAL RECON--SEPTEMBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 249 METERS	250-500 METERS	ABOVE 500 METERS
2300 - 0159	89	75	50
0200 - 0459	61	61	47
0500 - 0759	63	63	48
0800 - 1059	89	91	50
1100 - 1359	97	97	66
1400 - 1659	98	97	69
1700 - 1959	96	95	62
2000 - 2259	97	88	57

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON FLYING AT LEAST 91% OF THE TIME.

WARTIME CLOSE AIR SUPPORT/AERIAL RECON--OCTOBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 249 METERS	250-500 METERS	ABOVE 500 METERS
2300 - 0159	75	72	39
0200 - 0459	65	65	39
0500 - 0759	57	57	37
0800 - 1059	75	76	40
1100 - 1359	92	91	48
1400 - 1659	92	94	53
1700 - 1959	87	91	50
2000 - 2259	83	85	43

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 76% OF THE TIME.

WARTIME CLOSE AIR SUPPORT/AERIAL RECON--NOVEMBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 249 METERS	250-500 METERS	ABOVE 500 METERS
2300 - 0159	84	70	35
0200 - 0459	74	67	33
0500 - 0759	63	63	31
0800 - 1059	83	71	33
1100 - 1359	83	84	35
1400 - 1659	83	84	37
1700 - 1959	85	82	36
2000 - 2259	87	78	34

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 71% OF THE TIME.

WARTIME CLOSE AIR SUPPORT/AERIAL RECON--DECEMBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE WARTIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 249 METERS	250-500 METERS	ABOVE 500 METERS
2300 - 0159	80	70	25
0200 - 0459	73	67	22
0500 - 0759	63	68	24
0800 - 1059	65	72	25
1100 - 1359	74	76	27
1400 - 1659	72	74	28
1700 - 1959	68	70	27
2000 - 2259	80	72	26

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR WARTIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 72% OF THE TIME.

PART 5--PEACETIME CLOSE AIR SUPPORT/AERIAL RECON

THESE TABLES GIVE THE PERCENT OF TIME THAT CEILING AND VISIBILITY CONDITIONS ARE GENERALLY FAVORABLE FOR CLOSE AIR SUPPORT AND AERIAL RECON WHEN OPERATING UNDER PEACETIME WEATHER MINIMUMS; THAT IS, THE PERCENT OF TIME THAT CEILING AND/OR VISIBILITY IS EQUAL TO OR GREATER THAN 2,000 FEET AND/OR 5 MILES.

PEACETIME CLOSE AIR SUPPORT/AERIAL RECON--JANUARY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	55	40	21
0200 - 0459	51	32	20
0500 - 0759	42	28	20
0800 - 1059	45	32	22
1100 - 1359	48	40	21
1400 - 1659	47	43	20
1700 - 1959	46	46	21
2000 - 2259	48	39	22

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 32% OF THE TIME.

PEACETIME CLOSE AIR SUPPORT/AERIAL RECON--FEBRUARY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	49	31	30
0200 - 0459	45	28	31
0500 - 0759	36	22	32
0800 - 1059	42	29	33
1100 - 1359	54	39	36
1400 - 1659	57	42	36
1700 - 1959	50	32	31
2000 - 2259	48	30	30

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 29% OF THE TIME.

PEACETIME CLOSE AIR SUPPORT/AERIAL RECON--MARCH

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	66	43	25
0200 - 0459	55	36	23
0500 - 0759	47	33	24
0800 - 1059	57	43	26
1100 - 1359	72	61	28
1400 - 1659	77	62	33
1700 - 1959	67	52	29
2000 - 2259	71	48	28

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 43% OF THE TIME.

PEACETIME CLOSE AIR SUPPORT/AERIAL RECON--APRIL

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	79	69	44
0200 - 0459	67	45	38
0500 - 0759	60	47	37
0800 - 1059	75	66	38
1100 - 1359	87	82	47
1400 - 1659	87	81	52
1700 - 1959	83	80	49
2000 - 2259	85	76	46

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 66% OF THE TIME.

PEACETIME CLOSE AIR SUPPORT/AERIAL RECON--MAY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	83	71	52
0200 - 0459	65	66	48
0500 - 0759	67	58	48
0800 - 1059	83	81	51
1100 - 1359	91	88	57
1400 - 1659	92	87	64
1700 - 1959	89	85	62
2000 - 2259	89	77	58

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 81% OF THE TIME.

PEACETIME CLOSE AIR SUPPORT/AERIAL RECON--JUNE

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	82	69	49
0200 - 0459	63	64	44
0500 - 0759	69	62	46
0800 - 1059	88	82	46
1100 - 1359	95	88	55
1400 - 1659	96	91	62
1700 - 1959	93	89	60
2000 - 2259	86	75	55

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 82% OF THE TIME.

PEACETIME CLOSE AIR SUPPORT/AERIAL RECON--JULY

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	84	74	53
0200 - 0459	67	67	47
0500 - 0759	61	58	47
0800 - 1059	84	81	47
1100 - 1359	93	90	57
1400 - 1659	96	95	64
1700 - 1959	93	88	62
2000 - 2259	88	81	57

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 81% OF THE TIME.

PEACETIME CLOSE AIR SUPPORT/AERIAL RECON--AUGUST

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	72	56	52
0200 - 0459	51	50	49
0500 - 0759	50	43	49
0800 - 1059	77	74	46
1100 - 1359	90	89	58
1400 - 1659	93	89	65
1700 - 1959	86	79	60
2000 - 2259	82	69	57

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 74% OF THE TIME.

PEACETIME CLOSE AIR SUPPORT/AERIAL RECON--SEPTEMBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	59	54	39
0200 - 0459	48	32	37
0500 - 0759	45	38	37
0800 - 1059	65	62	36
1100 - 1359	85	80	49
1400 - 1659	88	85	55
1700 - 1959	75	70	48
2000 - 2259	68	65	44

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 62% OF THE TIME.

PEACETIME CLOSE AIR SUPPORT/AERIAL RECON--OCTOBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	54	39	34
0200 - 0459	42	29	35
0500 - 0759	38	33	32
0800 - 1059	50	48	34
1100 - 1359	66	66	39
1400 - 1659	68	66	42
1700 - 1959	59	58	43
2000 - 2259	61	47	37

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 48% OF THE TIME.

PEACETIME CLOSE AIR SUPPORT/AERIAL RECON--NOVEMBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	63	32	31
0200 - 0459	55	30	30
0500 - 0759	43	34	28
0800 - 1059	45	42	29
1100 - 1359	57	55	31
1400 - 1659	57	49	31
1700 - 1959	55	42	31
2000 - 2259	60	36	30

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 42% OF THE TIME.

PEACETIME CLOSE AIR SUPPORT/AERIAL RECON--DECEMBER

SELECT YOUR ELEVATION (METERS ABOVE SEA LEVEL) FROM ONE OF THESE COLUMNS. FIGURES UNDER THAT COLUMN SHOW THE PERCENT OF TIME THAT CONDITIONS ARE FAVORABLE FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	46	26	23
0200 - 0459	49	27	20
0500 - 0759	47	32	22
0800 - 1059	51	40	24
1100 - 1359	55	45	24
1400 - 1659	51	39	24
1700 - 1959	49	32	23
2000 - 2259	50	30	25

EXAMPLE: GROUND ELEVATION (METERS ABOVE SEA LEVEL) IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT FAVORABLE CONDITIONS FOR PEACETIME CLOSE AIR SUPPORT AND AERIAL RECON AT LEAST 40% OF THE TIME.

PART 6--GROUND OBSCURATION

A MAJOR CONCERN OF GROUND FORCE COMMANDERS IS VISUAL DETECTION FROM THE AIR. THE TABLES IN THIS SECTION SHOW THE DEGREE OF SUSCEPTIBILITY TO VISUAL DETECTION BY AIRCRAFT, BASED ON THE PRESENCE AND EXTENT OF PHENOMENA THAT OBSCURE THE GROUND.

SPECIFICALLY, THE TABLES SHOW THE PERCENT OF TIME (AT A GIVEN HOUR AND ELEVATION) WHEN THERE IS NOT 4/8 OR MORE OF CLOUD OR SURFACE-BASED OBSCURATION AT OR BELOW 500 FEET, DURING WHICH YOUR POSITION MAY BE VULNERABLE TO DETECTION BY HOSTILE AIRCRAFT.

GROUND OBSCURATION--JANUARY

DETERMINE YOUR ELEVATION (METERS ABOVE MEAN SEA LEVEL) FROM ONE OF THESE COLUMNS. THE FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	89	74	18
0200 - 0459	91	70	16
0500 - 0759	82	78	19
0800 - 1059	81	79	25
1100 - 1359	82	84	30
1400 - 1659	83	82	27
1700 - 1959	85	78	21
2000 - 2259	85	77	19

EXAMPLE: GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE VISIBLE FROM THE AIR AT LEAST 79% OF THE TIME.

GROUND OBSCURATION--FEBRUARY

DETERMINE YOUR ELEVATION (METERS ABOVE MEAN SEA LEVEL) FROM ONE OF THESE COLUMNS. THE FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	92	69	26
0200 - 0459	83	66	24
0500 - 0759	73	64	32
0800 - 1059	74	65	39
1100 - 1359	82	75	47
1400 - 1659	85	73	45
1700 - 1959	83	75	37
2000 - 2259	88	73	30

EXAMPLE: GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE VISIBLE FROM THE AIR AT LEAST 65% OF THE TIME.

GROUND OBSCURATION--MARCH

DETERMINE YOUR ELEVATION (METERS ABOVE MEAN SEA LEVEL) FROM ONE OF THESE COLUMNS. THE FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	98	70	32
0200 - 0459	91	71	30
0500 - 0759	78	73	37
0800 - 1059	83	81	43
1100 - 1359	91	88	56
1400 - 1659	93	87	60
1700 - 1959	92	79	51
2000 - 2259	97	75	40

EXAMPLE: GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE VISIBLE FROM THE AIR AT LEAST 81% OF THE TIME.

GROUND OBSCURATION--APRIL

DETERMINE YOUR ELEVATION (METERS ABOVE MEAN SEA LEVEL) FROM ONE OF THESE COLUMNS. THE FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	98	82	40
0200 - 0459	91	72	39
0500 - 0759	85	80	44
0800 - 1059	94	93	58
1100 - 1359	97	97	71
1400 - 1659	99	97	73
1700 - 1959	97	95	64
2000 - 2259	99	88	50

EXAMPLE: GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE VISIBLE FROM THE AIR AT LEAST 93% OF THE TIME.

GROUND OBSCURATION--MAY

DETERMINE YOUR ELEVATION (METERS ABOVE MEAN SEA LEVEL) FROM ONE OF THESE COLUMNS. THE FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	99	89	51
0200 - 0459	93	80	55
0500 - 0759	92	87	55
0800 - 1059	97	98	70
1100 - 1359	99	99	80
1400 - 1659	99	98	81
1700 - 1959	98	97	75
2000 - 2259	98	95	63

EXAMPLE: GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE VISIBLE FROM THE AIR AT LEAST 98% OF THE TIME.

GROUND OBSCURATION--JUNE

DETERMINE YOUR ELEVATION (METERS ABOVE MEAN SEA LEVEL) FROM ONE OF THESE COLUMNS. THE FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	94	85	56
0200 - 0459	89	79	55
0500 - 0759	92	89	57
0800 - 1059	97	97	74
1100 - 1359	99	99	82
1400 - 1659	99	98	84
1700 - 1959	99	96	77
2000 - 2259	99	94	68

EXAMPLE: GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE VISIBLE FROM THE AIR AT LEAST 97% OF THE TIME.

GROUND OBSCURATION--JULY

DETERMINE YOUR ELEVATION (METERS ABOVE MEAN SEA LEVEL) FROM ONE OF THESE COLUMNS. THE FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	99	82	59
0200 - 0459	92	77	58
0500 - 0759	87	86	59
0800 - 1059	94	95	78
1100 - 1359	97	97	84
1400 - 1659	99	96	86
1700 - 1959	98	95	82
2000 - 2259	98	93	72

EXAMPLE: GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE VISIBLE FROM THE AIR AT LEAST 95% OF THE TIME.

GROUND OBSCURATION--AUGUST

DETERMINE YOUR ELEVATION (METERS ABOVE MEAN SEA LEVEL) FROM ONE OF THESE COLUMNS. THE FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	97	77	60
0200 - 0459	85	64	59
0500 - 0759	79	72	62
0800 - 1059	92	91	75
1100 - 1359	97	97	85
1400 - 1659	98	95	87
1700 - 1959	97	90	82
2000 - 2259	97	87	73

EXAMPLE: GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE VISIBLE FROM THE AIR AT LEAST 91% OF THE TIME.

GROUND OBSCURATION--SEPTEMBER

DETERMINE YOUR ELEVATION (METERS ABOVE MEAN SEA LEVEL) FROM ONE OF THESE COLUMNS. THE FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	93	73	44
0200 - 0459	82	60	44
0500 - 0759	76	67	50
0800 - 1059	88	87	63
1100 - 1359	95	93	77
1400 - 1659	97	95	77
1700 - 1959	96	92	70
2000 - 2259	96	85	54

EXAMPLE: GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE VISIBLE FROM THE AIR AT LEAST 87% OF THE TIME.

GROUND OBSCURATION--OCTOBER

DETERMINE YOUR ELEVATION (METERS ABOVE MEAN SEA LEVEL) FROM ONE OF THESE COLUMNS. THE FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	85	72	28
0200 - 0459	78	70	30
0500 - 0759	73	68	38
0800 - 1059	81	78	45
1100 - 1359	89	93	60
1400 - 1659	91	93	61
1700 - 1959	88	88	52
2000 - 2259	90	79	38

EXAMPLE: GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE VISIBLE FROM THE AIR AT LEAST 78% OF THE TIME.

GROUND OBSCURATION--NOVEMBER

DETERMINE YOUR ELEVATION (METERS ABOVE MEAN SEA LEVEL) FROM ONE OF THESE COLUMNS. THE FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	94	77	30**
0200 - 0459	89	79	25
0500 - 0759	82	80	30
0800 - 1059	84	79	33
1100 - 1359	92	81	43
1400 - 1659	90	86	42
1700 - 1959	91	84	35
2000 - 2259	93	80	32

EXAMPLE: GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE VISIBLE FROM THE AIR AT LEAST 79% OF THE TIME.

GROUND OBSCURATION--DECEMBER

DETERMINE YOUR ELEVATION (METERS ABOVE MEAN SEA LEVEL) FROM ONE OF THESE COLUMNS. THE FIGURES UNDER EACH COLUMN SHOW THE PERCENTAGES OF TIME YOU CAN EXPECT YOUR POSITION TO BE EXPOSED TO DETECTION FROM THE AIR DURING THE TIMES SHOWN IN THE LEFT-HAND COLUMN.

LST	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
2300 - 0159	91	81	19
0200 - 0459	90	77	16
0500 - 0759	89	83	21
0800 - 1059	90	85	26
1100 - 1359	92	87	30
1400 - 1659	89	86	28
1700 - 1959	89	88	23
2000 - 2259	90	85	21

EXAMPLE: GROUND ELEVATION IS 450 METERS AND LOCAL TIME IS 0900 HOURS. YOU CAN EXPECT YOUR POSITION TO BE VISIBLE FROM THE AIR AT LEAST 85% OF THE TIME.

PART 7
PARADROPS, CHEMICAL OPERATIONS,
AND VISUAL HIGH-LEVEL BOMBING

THESE TABLES SHOW THE MEAN NUMBER OF DAYS PER MONTH THAT ARE FAVORABLE FOR PERSONNEL PARADROPS, CHEMICAL OPERATIONS, AND VISUAL HIGH-LEVEL BOMBING.

THE "PARADROP" COLUMN OF THE TABLES GIVES THE MEAN NUMBER OF DAYS PER MONTH THAT CEILINGS ARE GREATER THAN OR EQUAL TO 1250 FEET, VISIBILITIES ARE GREATER THAN OR EQUAL TO 2 1/2 NM, AND SURFACE WINDS ARE 13 KNOTS OR LESS.

THE "CHEMOPS" COLUMN GIVES THE MEAN NUMBER OF DAYS WITH SURFACE WIND SPEEDS OF 4-10 KNOTS, TEMPERATURES 33-80 DEGREES FAHRENHEIT, AND NO PRECIPITATION.

THE "HI-LEVEL BOMB" COLUMN GIVES THE MEAN NUMBER OF DAYS WITH SKY COVER LESS THAN OR EQUAL TO 4/8, AND VISIBILITY EQUAL TO OR GREATER THAN 2 1/2 NM.

ALL VALUES HAVE BEEN COMPUTED FOR INTERMEDIATE ELEVATIONS--THAT IS, 300-600 METERS. AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

PARADROP, CHEMOPS, HI-LEVEL BOMB--JANUARY

THE NUMBERS UNDER EACH COLUMN REPRESENT THE MEAN NUMBER OF DAYS FAVORABLE FOR THE OPERATION IN QUESTION DURING THE TIME PERIODS (LST) SHOWN AT THE LEFT. NOTE THAT AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

LST	PARADROP	CHEMOPS	HI-LEVEL BOMB
2300 - 0159	4	2	5
0200 - 0459	5	2	4
0500 - 0759	8	3	3
0800 - 1059	8	4	2
1100 - 1359	8	5	2
1400 - 1659	9	5	4
1700 - 1959	8	4	4
2000 - 2259	5	2	6

PARADROP, CHEMOPS, HI-LEVEL BOMB--FEBRUARY

THE NUMBERS UNDER EACH COLUMN REPRESENT THE MEAN NUMBER OF DAYS FAVORABLE FOR THE OPERATION IN QUESTION DURING THE TIME PERIODS (LST) SHOWN AT THE LEFT. NOTE THAT AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

LST	PARADROP	CHEMOPS	HI-LEVEL BOMB
2300 - 0159	4	2	5
0200 - 0459	5	2	4
0500 - 0759	8	3	3
0800 - 1059	8	4	3
1100 - 1359	10	6	4
1400 - 1659	10	5	4
1700 - 1959	9	3	7
2000 - 2259	5	2	5

PARADROP, CHEMOPS, HI-LEVEL BOMB--MARCH

THE NUMBERS UNDER EACH COLUMN REPRESENT THE MEAN NUMBER OF DAYS FAVORABLE FOR THE OPERATION IN QUESTION DURING THE TIME PERIODS (LST) SHOWN AT THE LEFT. NOTE THAT AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

LST	PARADROP	CHEMOPS	HI-LEVEL BOMB
2300 - 0159	5	2	9
0200 - 0459	6	2	7
0500 - 0759	9	4	6
0800 - 1059	9	6	5
1100 - 1359	10	7	6
1400 - 1659	11	7	5
1700 - 1959	10	5	8
2000 - 2259	6	3	10

PARADROP, CHEMOPS, HI-LEVEL BOMB--APRIL

THE NUMBERS UNDER EACH COLUMN REPRESENT THE MEAN NUMBER OF DAYS FAVORABLE FOR THE OPERATION IN QUESTION DURING THE TIME PERIODS (LST) SHOWN AT THE LEFT. NOTE THAT AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

LST	PARADROP	CHEMOPS	HI-LEVEL BOMB
2300 - 0159	5	2	10
0200 - 0459	7	3	8
0500 - 0759	10	5	7
0800 - 1059	11	7	6
1100 - 1359	11	8	5
1400 - 1659	11	8	7
1700 - 1959	10	6	7
2000 - 2259	6	3	12

PARADROP, CHEMOPS, HI-LEVEL BOMB--MAY

THE NUMBERS UNDER EACH COLUMN REPRESENT THE MEAN NUMBER OF DAYS FAVORABLE FOR THE OPERATION IN QUESTION DURING THE TIME PERIODS (LST) SHOWN AT THE LEFT. NOTE THAT AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

LST	PARADROP	CHEMOPS	HI-LEVEL BOMB
2300 - 0159	5	2	10
0200 - 0459	7	3	10
0500 - 0759	11	6	7
0800 - 1059	11	8	6
1100 - 1359	11	8	5
1400 - 1659	11	8	4
1700 - 1959	10	5	8
2000 - 2259	6	2	11

PARADROP, CHEMOPS, HI-LEVEL BOMB--JUNE

THE NUMBERS UNDER EACH COLUMN REPRESENT THE MEAN NUMBER OF DAYS FAVORABLE FOR THE OPERATION IN QUESTION DURING THE TIME PERIODS (LST) SHOWN AT THE LEFT. NOTE THAT AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

LST	PARADROP	CHEMOPS	HI-LEVEL BOMB
2300 - 0159	5	1	11
0200 - 0459	7	2	7
0500 - 0759	11	6	10
0800 - 1059	12	8	6
1100 - 1359	12	8	5
1400 - 1659	11	8	4
1700 - 1959	11	5	8
2000 - 2259	6	2	9

PARADROP, CHEMOPS, HI-LEVEL BOMB--JULY

THE NUMBERS UNDER EACH COLUMN REPRESENT THE MEAN NUMBER OF DAYS FAVORABLE FOR THE OPERATION IN QUESTION DURING THE TIME PERIODS (LST) SHOWN AT THE LEFT. NOTE THAT AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

LST	PARADROP	CHEMOPS	HI-LEVEL BOMB
2300 - 0159	5	1	13
0200 - 0459	7	2	10
0500 - 0759	11	6	9
0800 - 1059	12	8	9
1100 - 1359	12	9	6
1400 - 1659	11	9	6
1700 - 1959	10	4	10
2000 - 2259	7	2	11

PARADROP, CHEMOPS, HI-LEVEL BOMB--AUGUST

THE NUMBERS UNDER EACH COLUMN REPRESENT THE MEAN NUMBER OF DAYS FAVORABLE FOR THE OPERATION IN QUESTION DURING THE TIME PERIODS (LST) SHOWN AT THE LEFT. NOTE THAT AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

LST	PARADROP	CHEMOPS	HI-LEVEL BOMB
2300 - 0159	5	1	13
0200 - 0459	7	2	9
0500 - 0759	11	5	7
0800 - 1059	12	7	5
1100 - 1359	12	8	4
1400 - 1659	11	6	4
1700 - 1959	10	4	8
2000 - 2259	7	2	12

PARADROP, CHEMOPS, HI-LEVEL BOMB--SEPTEMBER

THE NUMBERS UNDER EACH COLUMN REPRESENT THE MEAN NUMBER OF DAYS FAVORABLE FOR THE OPERATION IN QUESTION DURING THE TIME PERIODS (LST) SHOWN AT THE LEFT. NOTE THAT AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

LST	PARADROP	CHEMOPS	HI-LEVEL BOMB
2300 - 0159	4	1	10
0200 - 0459	6	2	9
0500 - 0759	8	5	7
0800 - 1059	10	6	5
1100 - 1359	11	7	7
1400 - 1659	10	6	7
1700 - 1959	9	3	9
2000 - 2259	5	2	11

PARADROP, CHEMOPS, HI-LEVEL BOMB--OCTOBER

THE NUMBERS UNDER EACH COLUMN REPRESENT THE MEAN NUMBER OF DAYS FAVORABLE FOR THE OPERATION IN QUESTION DURING THE TIME PERIODS (LST) SHOWN AT THE LEFT. NOTE THAT AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

LST	PARADROP	CHEMOPS	HI-LEVEL BOMB
2300 - 0159	3	2	9
0200 - 0459	4	2	8
0500 - 0759	7	4	5
0800 - 1059	8	6	6
1100 - 1359	10	6	5
1400 - 1659	11	6	7
1700 - 1959	9	4	9
2000 - 2259	6	2	11

PARADROP, CHEMOPS, HI-LEVEL BOMB--NOVEMBER

THE NUMBERS UNDER EACH COLUMN REPRESENT THE MEAN NUMBER OF DAYS FAVORABLE FOR THE OPERATION IN QUESTION DURING THE TIME PERIODS (LST) SHOWN AT THE LEFT. NOTE THAT AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

LST	PARADROP	CHEMOPS	HI-LEVEL BOMB
2300 - 0159	3	2	5
0200 - 0459	5	2	3
0500 - 0759	7	4	3
0800 - 1059	8	5	2
1100 - 1359	9	6	3
1400 - 1659	9	5	3
1700 - 1959	8	4	5
2000 - 2259	5	3	6

PARADROP, CHEMOPS, HI-LEVEL BOMB--DECEMBER

THE NUMBERS UNDER EACH COLUMN REPRESENT THE MEAN NUMBER OF DAYS FAVORABLE FOR THE OPERATION IN QUESTION DURING THE TIME PERIODS (LST) SHOWN AT THE LEFT. NOTE THAT AT HIGHER ELEVATIONS, THE "NUMBER OF DAYS FAVORABLE" WILL AVERAGE 25% FEWER.

LST	PARADROP	CHEMOPS	HI-LEVEL BOMB
2300 - 0159	3	2	5
0200 - 0459	4	2	4
0500 - 0759	8	4	5
0800 - 1059	8	4	4
1100 - 1359	8	5	4
1400 - 1659	8	4	3
1700 - 1959	6	3	5
2000 - 2259	4	2	5

PART 8--GALE WINDS (OVER 34 KNOTS)

THIS TABLE GIVES THE MEAN NUMBER OF DAYS PER MONTH THAT WINDS OVER 34 KNOTS CAN BE EXPECTED AT VARIOUS ELEVATIONS. NOTE THAT WINDS GENERALLY INCREASE WITH HEIGHT, AND THAT HIGHER WIND SPEEDS OCCUR IN WINTER. LOCATIONS ON EXPOSED MOUNTAIN PEAKS SEE SIGNIFICANTLY MORE DAYS WITH GALE FORCE WINDS--UP TO TWICE AS MANY, IN FACT. THE NUMBERS UNDER EACH ELEVATION COLUMN REPRESENT THE NUMBER OF DAYS THAT YOU CAN EXPECT WIND SPEEDS OVER 34 KNOTS DURING THE MONTH SHOWN IN THE LEFT-HAND COLUMN.

	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
JANUARY	1	1	8
FEBRUARY	0	1	7
MARCH	0	1	6
APRIL	1	0	2
MAY	0	1	2
JUNE	0	1	2
JULY	0	0	1
AUGUST	0	1	1
SEPTEMBER	0	1	2
OCTOBER	0	1	4
NOVEMBER	0	1	7
DECEMBER	0	1	6

PART 9--SNOW DEPTH

THIS TABLE GIVES THE AVERAGE NUMBER OF DAYS A MONTH WITH SNOW DEPTHS IN THE THREE DEPTH CATEGORIES SHOWN. THE NUMBER UNDER EACH DEPTH CATEGORY COLUMN REPRESENTS THE MEAN NUMBER OF DAYS PER MONTH THAT THOSE SNOW DEPTHS ARE EXPECTED TO OCCUR AT INTERMEDIATE ELEVATIONS (300 TO 600 METERS)--LOWER ELEVATIONS WILL HAVE FEWER DAYS THAN SHOWN, AND HIGHER ELEVATIONS WILL HAVE MORE.

MONTH	1 INCH OR MORE	6 INCHES OR MORE	10 INCHES OR MORE
JANUARY	20	6	1
FEBRUARY	16	10	6
MARCH	10	3	1
APRIL	4	1	0
MAY	0	0	0
JUNE	0	0	0
JULY	0	0	0
AUGUST	0	0	0
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	5	0	0
DECEMBER	8	1	0

PART 10--MEAN MONTHLY TEMPERATURES

THIS TABLE GIVES MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURES (IN DEGREES FAHRENHEIT) FOR EACH MONTH. THESE MEAN TEMPERATURES ARE REPRESENTATIVE OF INTERMEDIATE ELEVATIONS (300-600 METERS). FOR LOCATIONS BELOW 300 METERS, ADD 1 TO 3 DEGREES TO THE VALUES IN THE TABLE. FOR LOCATIONS ABOVE 600 METERS, SUBTRACT 3 TO 5 DEGREES FROM THE TABULAR VALUES.

MONTH	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM
JANUARY	34*	27
FEBRUARY	37	28
MARCH	43	32
APRIL	51	37
MAY	60	45
JUNE	66	51
JULY	70	54
AUGUST	69	53
SEPTEMBER	63	48
OCTOBER	54	42
NOVEMBER	42	34
DECEMBER	35	29

PART 11--EQUIVALENT WIND CHILL TEMPERATURES

LOW TEMPERATURES AND WIND COMBINE TO CREATE WHAT IS REFERRED TO AS THE "WIND CHILL EQUIVALENT TEMPERATURE," OR "WIND CHILL." THIS IS AN "EQUIVALENT" TEMPERATURE, OR A MEASURE OF HOW COLD IT SEEMS TO BE (UNDER CONDITIONS OF LOW TEMPERATURE AND MODERATE TO STRONG WINDS) AND THE RESULTANT EFFECTS TO EXPOSED HUMAN FLESH.

AS YOU WILL NOTE IN THE TABLE, THE EQUIVALENT WIND CHILL TEMPERATURE BECOMES LOWER AS WINDS GROW STRONGER. AT CERTAIN VALUES (AS SHOWN IN THE TABLE) THERE IS CLEAR DANGER THAT EXPOSED FLESH WILL FREEZE, EVEN WHEN PROPER COLD-WEATHER GEAR IS WORN.

THE WIND CHILL CHART ON THE NEXT PAGE IS FROM AWS FORECASTER MEMO 300-005, MAY 1983. IT IS BASED ON THE STANDARD WIND CHILL CHART USED BY OTHER MILITARY AND CIVIL AGENCIES. USED PROPERLY, IT CAN PREVENT INJURY AND DEATH FROM FROSTBITE AND EXPOSURE.

COOLING POWER OF WIND EXPRESSED AS "EQUIVALENT CHILL TEMPERATURE" (505)

WIND SPEED		TEMPERATURE (°F)																									
		40	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50	-55	-60					
CALM																											
KNOTS MPH		EQUIVALENT CHILL TEMPERATURE																									
3-6	5																										
7-10	10																										
11-15	15																										
16-19	20																										
20-23	25																										
24-28	30																										
29-32	35																										
33-36	40																										
WINDS ABOVE 40 HAVE LITTLE ADDITIONAL EFFECT.		LITTLE DANGER (Flesh may freeze within 1 minute)													GREAT DANGER (Flesh may freeze within 30 seconds)												
		DANGER OF FREEZING EXPOSED FLESH FOR PROPERLY CLOTHED PERSONS																									

PART 12--MONTHLY PRECIPITATION ACCUMULATION

THIS TABLE GIVE THE AMOUNTS (IN INCHES) OF PRECIPITATION (RAIN AND WATER EQUIVALENT OF SNOW) THAT CAN BE EXPECTED DURING EACH MONTH. AS A GENERAL RULE, AMOUNTS IN EXCESS OF 2 INCHES RESULT IN GROUND CONDITIONS THAT ARE MOIST OR WET MOST OF THE TIME, EXCEPT IN THE SUMMER, WHEN EVAPORATION TENDS TO DRY THE SOIL MORE QUICKLY. MORE PRECIPITATION FALLS AT HIGHER ELEVATIONS, AS SHOWN.

A ROUGH WATER EQUIVALENT OF SNOW IS 10:1. THAT IS, 1 INCH OF SNOW WOULD MELT DOWN TO EQUAL 1/10 OF AN INCH OF WATER, AND 10 INCHES OF SNOW WOULD EQUAL 1 INCH OF WATER.

	UP TO 299 METERS	300-600 METERS	ABOVE 600 METERS
JANUARY	1.7	2.3	3.6
FEBRUARY	1.3	1.9	3.2
MARCH	1.5	2.0	3.0
APRIL	1.8	2.5	3.3
MAY	2.4	2.8	3.0
JUNE	2.5	3.0	3.7
JULY	3.0	3.3	4.8
AUGUST	2.8	3.1	4.2
SEPTEMBER	2.2	2.3	3.8
OCTOBER	2.2	2.5	3.6
NOVEMBER	1.8	2.2	2.8
DECEMBER	1.9	2.8	3.3

PART 13--SUNLIGHT DATA

THE FOLLOWING SUNLIGHT DATA IS PROVIDED IN THE TABLES THAT FOLLOW:

BMNT BEGINNING MORNING NAUTICAL TWILIGHT
BMCT BEGINNING MORNING CIVIL TWILIGHT
RISE SUNRISE
SET SUNSET
EECT ENDING EVENING CIVIL TWILIGHT
EENT ENDING EVENING NAUTICAL TWILIGHT

ALL TIMES ARE LOCAL (GMT + 1). DATA WAS COMPUTED FOR FULDA (50° 33' N, 9° 38'E), BUT IS GENERALLY REPRESENTATIVE OF THE ENTIRE V CORPS FORWARD AREA. SEE YOUR STAFF WEATHER OFFICER FOR ADDITIONAL OR SPECIAL DATA.

DATA WAS COMPUTED FOR AN OBSERVER AT THE SURFACE, ASSUMING A "SMOOTH" EARTH; THAT IS, THE LOCAL EFFECTS OF MOUNTAINS AND VALLEYS ARE NOT TAKEN INTO ACCOUNT. FOR SUNLIGHT DATA AT ALTITUDE, SEE YOUR STAFF WEATHER OFFICER.

SUNLIGHT VALUES ARE VALID FOR ALL YEARS--THEY DO NOT CHANGE. SINCE MOONLIGHT DATA DOES CHANGE WITH TIME, IT IS NOT INCLUDED HERE. OBTAIN CURRENT MOONRISE/MOONSET DATA FROM YOUR STAFF WEATHER OFFICER.

SUNLIGHT--JANUARY

DAY	BMNT	BMCT	RICE	SET	ECT	ENT
1	0702	0744	0814	1626	1706	1747
2	0702	0744	0824	1627	1706	1748
3	0702	0744	0824	1628	1707	1749
4	0702	0744	0823	1629	1708	1750
5	0702	0744	0823	1630	1709	1751
6	0702	0744	0823	1631	1711	1752
7	0702	0744	0823	1633	1712	1753
8	0701	0743	0822	1634	1713	1754
9	0701	0743	0822	1635	1714	1756
10	0701	0743	0821	1636	1715	1757
11	0700	0742	0821	1638	1716	1758
12	0700	0742	0820	1639	1718	1759
13	0700	0741	0819	1641	1719	1801
14	0659	0741	0819	1642	1720	1802
15	0659	0740	0818	1644	1722	1803
16	0658	0739	0817	1645	1723	1804
17	0657	0739	0816	1647	1724	1806
18	0657	0738	0815	1648	1726	1807
19	0656	0737	0814	1650	1727	1808
20	0655	0736	0813	1652	1729	1810
21	0655	0735	0812	1653	1730	1811
22	0654	0735	0811	1655	1732	1812
23	0653	0734	0810	1657	1733	1814
24	0652	0733	0809	1659	1735	1815
25	0651	0732	0808	1701	1736	1817
26	0650	0730	0806	1702	1738	1818
27	0649	0729	0805	1704	1739	1820
28	0648	0728	0804	1705	1741	1821
29	0647	0727	0802	1707	1743	1823
30	0646	0726	0801	1709	1744	1824
31	0645	0724	0759	1710	1746	1826

SUNLIGHT--FEBRUARY

DAY	BMNT	BMCT	RISE	SET	EECT	EENT
1	0643	0723	0758	1712	1747	1827
2	0642	0722	0757	1714	1749	1829
3	0641	0720	0755	1716	1751	1830
4	0640	0719	0754	1717	1752	1832
5	0638	0717	0752	1719	1754	1833
6	0637	0716	0751	1721	1756	1835
7	0635	0714	0749	1722	1758	1836
8	0634	0713	0747	1724	1759	1838
9	0632	0711	0746	1726	1801	1840
10	0631	0710	0744	1728	1803	1841
11	0629	0708	0742	1729	1804	1843
12	0628	0706	0741	1731	1806	1844
13	0626	0705	0739	1733	1808	1846
14	0625	0703	0737	1735	1809	1848
15	0623	0701	0735	1737	1811	1849
16	0621	0659	0733	1738	1813	1851
17	0619	0657	0732	1740	1814	1852
18	0618	0656	0730	1742	1816	1854
19	0616	0654	0728	1744	1818	1856
20	0614	0652	0726	1745	1819	1857
21	0612	0650	0724	1747	1821	1859
22	0610	0648	0722	1749	1823	1901
23	0608	0646	0720	1751	1824	1902
24	0607	0645	0718	1753	1826	1904
25	0605	0643	0716	1754	1828	1906
26	0603	0641	0714	1756	1829	1907
27	0601	0639	0712	1758	1831	1909
28	0559	0637	0710	1800	1832	1911
29	0557	0635	0707	1801	1834	1912

SUNLIGHT--MARCH

DAY	BMNT	BMCT	RISE	SET	EECT	EEET
1	0555	0633	0705	1803	1836	1914
2	0553	0630	0703	1805	1837	1916
3	0550	0628	0701	1806	1839	1917
4	0548	0626	0659	1808	1841	1919
5	0546	0624	0657	1810	1842	1921
6	0544	0622	0655	1811	1844	1922
7	0542	0620	0653	1813	1846	1924
8	0540	0618	0650	1815	1847	1926
9	0538	0616	0648	1816	1849	1927
10	0535	0614	0646	1818	1851	1929
11	0533	0611	0644	1820	1852	1931
12	0531	0609	0642	1821	1854	1932
13	0529	0607	0640	1823	1856	1934
14	0526	0605	0637	1825	1857	1936
15	0524	0603	0635	1826	1859	1937
16	0522	0600	0633	1828	1901	1939
17	0520	0558	0631	1830	1902	1941
18	0517	0556	0628	1831	1904	1943
19	0515	0554	0626	1833	1906	1944
20	0513	0551	0624	1835	1907	1946
21	0510	0549	0622	1836	1909	1948
22	0508	0547	0620	1838	1911	1950
23	0506	0544	0617	1839	1913	1951
24	0504	0542	0615	1841	1914	1953
25	0501	0540	0613	1843	1916	1955
26	0459	0538	0611	1844	1918	1956
27	0456	0535	0608	1846	1919	1958
28	0454	0533	0606	1848	1921	2000
29	0451	0531	0604	1849	1923	2002
30	0449	0528	0602	1851	1924	2004
31	0446	0526	0600	1852	1926	2006

DAY	BMNT	BMCT	RISE	SET	EECT	EENT
1	0444	0524	0557	1854	1928	2008
2	0441	0522	0555	1856	1929	2010
3	0439	0519	0553	1857	1931	2012
4	0436	0517	0551	1859	1933	2014
5	0434	0515	0548	1901	1934	2015
6	0431	0513	0546	1902	1936	2017
7	0429	0510	0544	1904	1938	2019
8	0427	0508	0542	1905	1940	2021
9	0424	0506	0540	1907	1941	2023
10	0422	0504	0538	1909	1943	2025
11	0419	0502	0535	1910	1945	2027
12	0417	0459	0533	1912	1946	2029
13	0414	0457	0531	1914	1948	2031
14	0412	0455	0529	1915	1950	2033
15	0410	0452	0527	1917	1951	2035
16	0407	0450	0525	1919	1953	2037
17	0405	0448	0523	1920	1955	2039
18	0403	0446	0521	1922	1956	2041
19	0400	0443	0519	1923	1958	2043
20	0358	0441	0517	1925	2000	2045
21	0355	0439	0515	1927	2002	2047
22	0352	0437	0513	1928	2004	2049
23	0350	0435	0511	1930	2006	2051
24	0347	0432	0509	1931	2007	2053
25	0344	0430	0507	1933	2009	2055
26	0342	0428	0505	1935	2011	2057
27	0339	0426	0503	1936	2013	2059
28	0337	0424	0501	1938	2015	2101
29	0334	0422	0500	1939	2017	2104
30	0332	0420	0458	1941	2018	2106

SUNLIGHT--APRIL

SUNLIGHT--MAY

DAY	BMNT	BMCT	RISE	SET	EECT	EENT
1	0330	0418	0456	1942	2020	2108
2	0327	0416	0454	1944	2022	2111
3	0325	0414	0452	1946	2024	2113
4	0323	0412	0450	1947	2026	2115
5	0320	0410	0448	1949	2027	2118
6	0318	0409	0447	1950	2029	2120
7	0316	0407	0445	1952	2031	2122
8	0314	0405	0443	1953	2033	2124
9	0311	0403	0442	1954	2034	2127
10	0309	0402	0440	1956	2036	2129
11	0307	0400	0438	1957	2038	2131
12	0305	0358	0437	1959	2039	2133
13	0303	0356	0435	2000	2041	2135
14	0301	0354	0434	2002	2043	2138
15	0259	0352	0432	2003	2044	2140
16	0257	0351	0431	2005	2046	2142
17	0254	0349	0429	2006	2048	2144
18	0252	0347	0428	2008	2049	2146
19	0250	0346	0427	2009	2051	2148
20	0247	0344	0426	2011	2052	2150
21	0245	0343	0424	2012	2054	2152
22	0243	0341	0423	2014	2055	2153
23	0241	0340	0422	2015	2056	2155
24	0239	0338	0421	2016	2058	2157
25	0237	0337	0420	2018	2059	2159
26	0235	0336	0419	2019	2101	2201
27	0233	0334	0418	2020	2102	2203
28	0232	0333	0417	2021	2104	2205
29	0230	0332	0416	2022	2105	2208
30	0228	0331	0415	2024	2107	2210
31	0227	0330	0414	2025	2108	2212

DAY	BMNT	BMCT	RISE	SET	EECT	EENT
1	0225	0329	0414	2026	2109	2214
2	0224	0328	0413	2027	2111	2216
3	0223	0327	0412	2028	2112	2217
4	0221	0327	0412	2029	2113	2219
5	0220	0326	0411	2030	2114	2221
6	0219	0325	0411	2030	2115	2222
7	0218	0324	0410	2031	2116	2224
8	0217	0324	0410	2032	2117	2225
9	0216	0323	0409	2033	2118	2227
10	0216	0323	0409	2034	2119	2228
11	0215	0323	0409	2034	2120	2229
12	0214	0322	0409	2035	2121	2230
13	0214	0322	0408	2035	2121	2231
14	0213	0322	0408	2036	2122	2232
15	0213	0321	0408	2036	2123	2233
16	0213	0321	0408	2037	2123	2233
17	0212	0321	0408	2037	2124	2234
18	0212	0321	0408	2038	2124	2234
19	0212	0321	0408	2038	2124	2235
20	0212	0321	0408	2038	2125	2235
21	0212	0322	0409	2038	2125	2235
22	0213	0322	0409	2039	2125	2235
23	0213	0322	0409	2039	2125	2235
24	0213	0323	0409	2039	2125	2235
25	0214	0323	0410	2039	2125	2235
26	0214	0323	0410	2039	2125	2235
27	0215	0324	0411	2039	2125	2234
28	0216	0324	0411	2038	2125	2234
29	0217	0325	0412	2038	2124	2233
30	0217	0326	0412	2038	2124	2233

SUNLIGHT--JUNE

SUNLIGHT--JULY

DAY	BMNT	BMCT	RISE	SET	EECT	EENT
1	0218	0327	0413	2038	2124	2232
2	0219	0327	0413	2037	2123	2231
3	0221	0328	0414	2037	2123	2230
4	0222	0329	0415	2037	2122	2229
5	0223	0330	0416	2036	2121	2228
6	0224	0331	0416	2036	2121	2227
7	0226	0332	0417	2035	2120	2226
8	0227	0333	0418	2034	2119	2224
9	0229	0334	0419	2034	2118	2223
10	0231	0335	0420	2033	2117	2221
11	0232	0337	0421	2032	2116	2220
12	0234	0338	0422	2031	2115	2218
13	0236	0339	0423	2031	2114	2216
14	0238	0341	0424	2030	2113	2215
15	0240	0342	0425	2029	2111	2213
16	0242	0343	0426	2028	2110	2211
17	0244	0345	0428	2027	2109	2209
18	0246	0346	0429	2026	2107	2207
19	0248	0348	0430	2025	2106	2204
20	0251	0349	0431	2023	2105	2202
21	0253	0351	0433	2022	2103	2200
22	0255	0353	0434	2021	2101	2158
23	0258	0354	0435	2020	2100	2156
24	0300	0356	0437	2018	2058	2154
25	0302	0358	0438	2017	2057	2153
26	0304	0359	0439	2015	2055	2151
27	0306	0401	0441	2014	2054	2149
28	0308	0403	0442	2012	2052	2147
29	0310	0404	0444	2011	2051	2145
30	0312	0406	0445	2009	2049	2143
31	0314	0407	0447	2008	2047	2140

SUNLIGHT--AUGUST

DAY	BMNT	BMCT	RISE	SET	EECT	EENT
1	0316	0409	0448	2006	2046	2138
2	0318	0410	0450	2004	2044	2136
3	0320	0412	0451	2003	2042	2134
4	0322	0414	0453	2001	2040	2132
5	0324	0415	0454	1959	2038	2129
6	0326	0417	0456	1958	2037	2127
7	0328	0419	0457	1956	2035	2124
8	0330	0420	0459	1954	2033	2122
9	0332	0422	0501	1952	2031	2119
10	0334	0424	0502	1951	2029	2117
11	0337	0425	0503	1949	2027	2114
12	0339	0427	0505	1947	2025	2112
13	0341	0429	0506	1945	2022	2109
14	0343	0430	0508	1943	2020	2107
15	0345	0432	0509	1942	2018	2104
16	0347	0434	0511	1940	2016	2101
17	0350	0435	0512	1938	2014	2059
18	0352	0437	0514	1936	2012	2056
19	0354	0439	0515	1934	2009	2054
20	0356	0441	0517	1932	2007	2052
21	0358	0442	0518	1930	2005	2049
22	0401	0444	0520	1928	2003	2047
23	0402	0446	0521	1926	2000	2045
24	0404	0448	0523	1923	1958	2042
25	0406	0449	0524	1921	1956	2040
26	0408	0451	0526	1919	1954	2037
27	0410	0453	0527	1917	1952	2035
28	0412	0454	0529	1915	1949	2032
29	0413	0456	0531	1913	1947	2030
30	0415	0458	0532	1911	1945	2027
31	0417	0500	0534	1908	1943	2025

SUNLIGHT--SEPTEMBER

DAY	BMNT	BMCT	RISE	SET	EECT	EENT
1	0419	0501	0535	1906	1940	2022
2	0421	0503	0537	1904	1938	2020
3	0423	0505	0538	1902	1936	2017
4	0424	0506	0540	1859	1934	2015
5	0426	0508	0541	1857	1931	2012
6	0428	0509	0543	1855	1929	2010
7	0430	0511	0544	1853	1927	2007
8	0432	0513	0546	1851	1924	2004
9	0433	0514	0547	1849	1922	2002
10	0435	0516	0549	1846	1920	1959
11	0437	0517	0551	1844	1917	1957
12	0439	0519	0552	1842	1915	1955
13	0440	0521	0554	1840	1913	1952
14	0442	0522	0555	1837	1910	1950
15	0444	0524	0557	1835	1908	1947
16	0446	0525	0558	1833	1906	1945
17	0448	0527	0600	1831	1903	1943
18	0449	0528	0602	1828	1901	1940
19	0451	0530	0603	1826	1859	1938
20	0453	0532	0605	1824	1857	1936
21	0454	0533	0606	1822	1854	1933
22	0456	0535	0608	1819	1852	1931
23	0458	0536	0609	1817	1850	1929
24	0500	0538	0611	1815	1848	1926
25	0501	0540	0612	1813	1845	1924
26	0503	0541	0614	1810	1843	1921
27	0505	0543	0616	1808	1841	1919
28	0506	0544	0617	1806	1839	1917
29	0508	0546	0619	1804	1836	1915
30	0509	0547	0620	1802	1834	1912

DAY	BMNT	BMCT	RISE	SFT	ECT	FENT
1	0511	0549	0622	1759	1832	1910
2	0513	0551	0623	1757	1830	1908
3	0514	0552	0625	1755	1828	1905
4	0516	0554	0627	1753	1825	1903
5	0517	0555	0628	1750	1823	1901
6	0519	0557	0630	1748	1821	1859
7	0521	0558	0631	1746	1819	1857
8	0522	0600	0633	1744	1817	1854
9	0524	0602	0635	1742	1815	1852
10	0525	0603	0636	1740	1813	1850
11	0527	0605	0638	1737	1810	1848
12	0528	0607	0639	1735	1808	1846
13	0530	0608	0641	1733	1806	1844
14	0532	0610	0643	1731	1804	1842
15	0533	0611	0644	1729	1802	1840
16	0535	0613	0646	1727	1800	1838
17	0536	0615	0648	1725	1758	1836
18	0538	0616	0649	1723	1756	1834
19	0539	0618	0651	1721	1754	1832
20	0541	0619	0652	1719	1752	1830
21	0543	0621	0654	1717	1750	1828
22	0544	0623	0656	1715	1748	1827
23	0546	0624	0657	1713	1747	1825
24	0547	0626	0659	1711	1745	1823
25	0549	0627	0701	1709	1743	1821
26	0550	0629	0703	1707	1741	1819
27	0552	0631	0704	1706	1739	1818
28	0553	0632	0706	1704	1737	1816
29	0555	0634	0708	1702	1736	1814
30	0556	0635	0710	1700	1734	1813
31	0558	0637	0711	1658	1732	1811

SUNLIGHT--OCTOBER

SUNLIGHT--NOVEMBER

DAY	BMNT	BMCT	RISE	SET	EECT	EENT
1	0559	0639	0713	1657	1731	1810
2	0601	0640	0715	1655	1729	1808
3	0603	0642	0717	1653	1727	1807
4	0604	0643	0718	1651	1726	1805
5	0606	0645	0720	1650	1724	1804
6	0607	0646	0722	1648	1723	1802
7	0609	0648	0724	1646	1721	1801
8	0610	0650	0725	1645	1720	1800
9	0612	0651	0727	1643	1719	1758
10	0613	0653	0729	1642	1717	1757
11	0615	0654	0730	1640	1716	1756
12	0616	0656	0732	1639	1715	1754
13	0618	0657	0734	1637	1713	1753
14	0619	0659	0735	1636	1712	1752
15	0621	0700	0737	1634	1711	1751
16	0622	0702	0739	1633	1710	1750
17	0624	0703	0740	1632	1709	1749
18	0625	0705	0742	1631	1708	1748
19	0626	0707	0743	1630	1707	1747
20	0628	0708	0745	1628	1706	1746
21	0629	0710	0747	1627	1705	1745
22	0631	0711	0748	1626	1704	1744
23	0632	0713	0750	1625	1703	1744
24	0633	0714	0751	1624	1702	1743
25	0634	0715	0752	1624	1702	1742
26	0636	0717	0754	1623	1701	1741
27	0637	0718	0755	1622	1700	1741
28	0638	0720	0757	1621	1700	1740
29	0639	0721	0758	1620	1659	1740
30	0641	0722	0759	1620	1658	1739

DAY	BMNT	BMCT	RISE	SET	EECT	EENT
1	0642	0723	0801	1619	1658	1739
2	0643	0725	0802	1619	1657	1738
3	0644	0726	0804	1618	1657	1738
4	0645	0727	0805	1618	1657	1738
5	0646	0728	0806	1617	1656	1738
6	0647	0729	0808	1617	1656	1737
7	0648	0730	0809	1617	1656	1737
8	0649	0732	0810	1617	1656	1737
9	0650	0733	0811	1616	1656	1737
10	0651	0733	0812	1616	1656	1737
11	0652	0734	0813	1616	1656	1737
12	0653	0735	0814	1616	1656	1737
13	0654	0736*	0815	1616	1656	1737
14	0654	0737	0816	1616	1656	1738
15	0655	0738	0817	1616	1656	1738
16	0656	0739	0818	1617	1656	1738
17	0656	0739	0819	1617	1657	1738
18	0657	0740	0819	1617	1657	1739
19	0658	0741	0820	1617	1657	1739
20	0658	0741	0821	1618	1658	1740
21	0659	0742	0821	1618	1658	1740
22	0659	0742	0822	1619	1659	1741
23	0700	0743	0822	1619	1659	1741
24	0700	0743	0823	1620	1700	1742
25	0701	0743	0823	1621	1701	1742
26	0701	0744	0823	1621	1701	1743
27	0701	0744	0823	1622	1702	1744
28	0701	0744	0824	1623	1703	1745
29	0702	0744	0824	1624	1704	1745
30	0702	0744	0824	1625	1704	1746
31	0702	0744	0824	1626	1705	1747

SUNLIGHT--DECEMBER

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