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# CENTRAL AMERICAN CLIMATOLOGY

By

T. Jonathan Whiteside

USAFETAC/OL-A

Asheville, North Carolina

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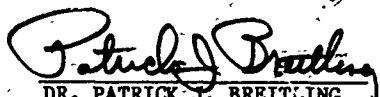
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Chief Scientist

FOR THE COMMANDER

  
WALTER S. BURMANN  
Scientific and Technical Information Officer  
(STINFO)

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| <p>A presentation of climatological information for the Central American region from Guatemala and Belize southward through Panama. Includes narrative descriptions of Central American climate and weather, to include major synoptic features, precipitation, psychrometrics, cloudiness, visibility, surface winds, thunderstorms, fog, and haze. Also includes astronomical, tidal, and seismic data. Includes contoured climatological charts and climatological data tables. Primarily addresses surface weather data, but includes some upper atmospheric data.</p> |       |                                                                                                  |                                                                                                                                                          |                                                                                         |
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## PREFACE

The effects of weather on military operations are well documented in history and must be considered in nearly every aspect of military planning and execution. A readily available source of regional weather and climatic information has been shown to be a "must" for military planners.

A traditional source of such data has been Section 23 of the National Intelligence Survey (NIS), published from 1950 to 1972. Section 23 of the NIS, titled "Weather and Climate," has been a traditional planning standby as a source for worldwide climatic data, especially for areas of the world in which weather observations and climatic records were scarce. Since the NIS data are deficient in some ways and obsolete in others, the need for a new regional climatic data source has become obvious.

This technical note, which describes Central American climatology in some detail, is intended to fill that need by updating and supplementing the NIS Section 23 information (published in 1969) for that region. The first consideration in developing this document was to provide planners with more and better climatological data relevant to present and future operations. It includes new contoured analysis charts that display ceiling, sky cover, visibility, relative humidity, temperature, and precipitation patterns (current and operationally significant categories have been added where suitable). Also included are expanded paradrop tables, upper air charts, a heat stress index, discussions of diurnal and seasonal variations, and cloud-free-line-of-sight (CFLOS) tables. Information is presented as follows:

**Chapters 1 through 4** familiarize the reader with Central American geography, topography, major synoptic features, and the most significant climatological patterns for the region.

**Appendix A** provides contoured surface and upper air charts to help readers visualize and understand the spatial distribution of the most significant Central American climatological features.

**Appendix B** provides climatological tables that offer more detail on the climatic variables discussed in the rest of the document. These tables will help readers who need detailed (site specific) information, or who need to produce specialized analyses of their own.

This report, as presented, will not satisfy all planning data needs. It may be necessary to consult a staff weather officer, USAFETAC, or another data source for more specific or detailed information.

The author would like to express his appreciation and thanks to the many people throughout USAFETAC who contributed their time and effort to this project, and without whom this technical note could not have been accomplished. Special thanks to Messrs. V.B. Gibbs, R.L. Rodney, and H.M. Fountain, who lent their expertise and experience to the project and should be recognized as contributing authors. Thanks are also due Mrs. D. Norton for preparing the extensive data tables.

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## CHAPTER 1

### Central American Geography

**1.1 Introduction.** Central America is technically a northwest to southeast isthmus that connects southern Mexico and the Yucatan Peninsula to Colombia. It is made up of the countries of Belize (formerly British Honduras), Guatemala, El Salvador, Honduras, Nicaragua, Costa Rica, and Panama. Central America lies between 7 and 19 degrees north latitude, and between 77 and 93 degrees west longitude. The Caribbean Sea is on the east, the Pacific Ocean on the west.

#### Central America

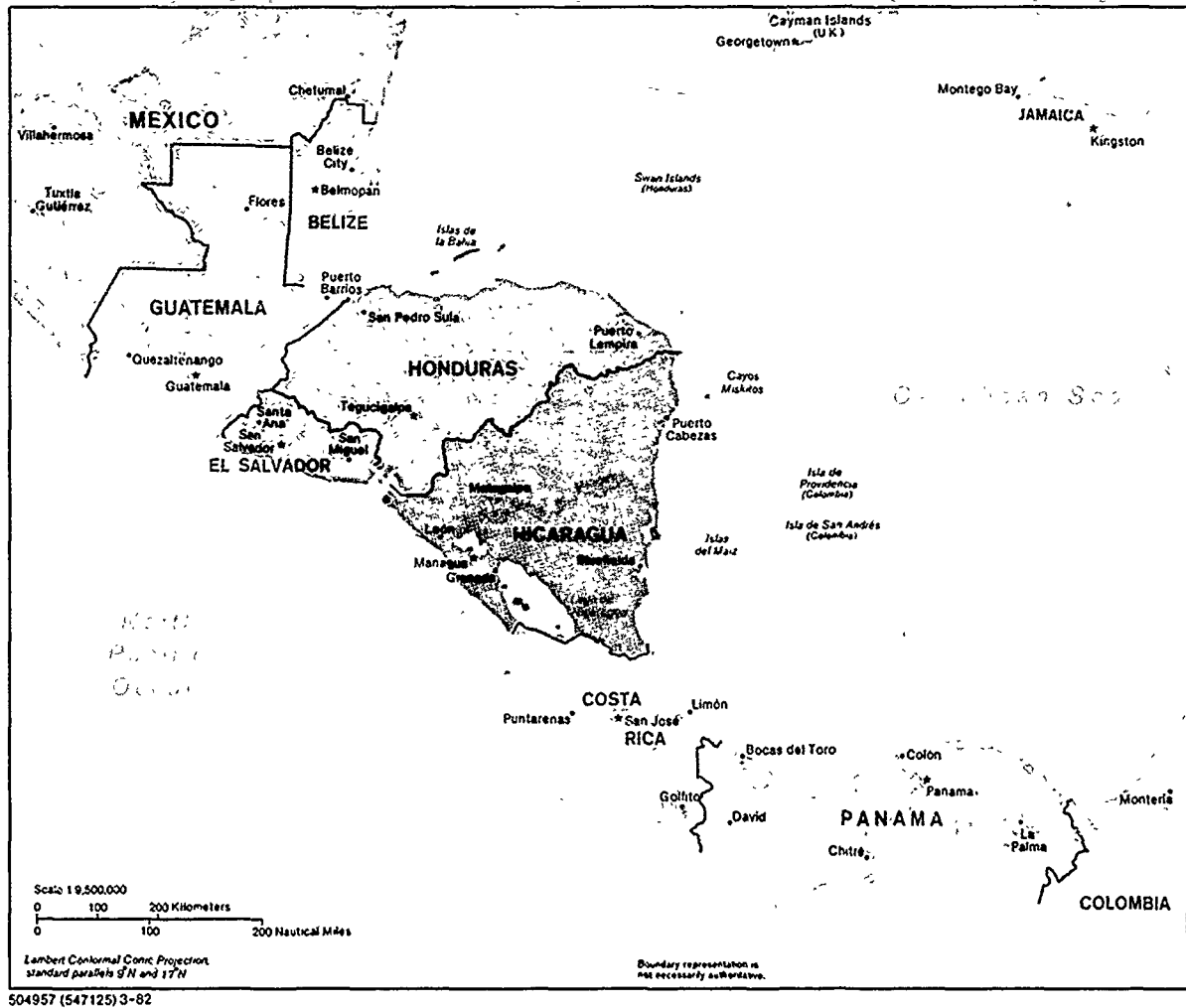


Figure 1-1 The Countries of Central America.

**1.2 Terrain.** Central American terrain can be generally described as a series of rugged mountain ranges separated by valleys. There are two exceptions to this pattern. The first is in Belize and northern Guatemala, where the highest elevations are below 4,000 feet and most of the area consists of lowlands and coastal plains. The second exception to the mountain-valley pattern is the region made up of the Caribbean coastal plains and the lowlands of eastern Honduras, Nicaragua, and Costa Rica. This region extends inland as much as 50 to 100 miles in parts of Honduras and Nicaragua, and extends through northern Costa Rica to Lago de Nicaragua, Nicaragua. The remaining coastal regions give way rapidly to mountain ranges, which in many areas extend right down to the shoreline.

On the Pacific side of Guatemala, a narrow coastal plain rises quickly to mountain peaks that approach 14,000 feet within 25 to 50 miles of the coast. Numerous peaks on Guatemala's Pacific side and down the mountainous spine through central Costa Rica and western Panama exceed 10,000 feet. These terrain variations have a profound effect on the region's climate. Coastal and lowland areas, for example, are subject to flooding during the wet season and after any period of heavy rain. Rain forests

and jungles can become impassable quickly. Even in the higher elevations, mountainous areas are subject to mudslides during heavy rains, and valleys may flood. These mountain ranges also serve as effective barriers to some weather elements. For example, large climatological decreases in precipitation over very short distances are common, especially from the windward sides of mountain ranges to the leeward valleys and beyond. Most population centers are on the sides of mountains and in the interior valleys where, because of the elevation and sheltered location, the climate is cooler, drier, and better suited to human habitation.

Another important Central American feature is its volcanic activity. There are numerous volcanoes along the Pacific side (all associated with the well known "Ring of Fire") and down the mountainous spine through central Costa Rica and western Panama. Many of these volcanoes are active, including Alatenango, in Guatemala, Santa Ana in El Salvador, and Irazu in Costa Rica. During the past 20 years, there have been numerous recorded eruptions and other volcanic disturbances in Guatemala, El Salvador, Nicaragua, and Costa Rica.

**1.3 Time Zones.** Central America lies across two time zones. Panama is minus 5 hours GMT to LST. The rest of Central America is minus 6 hours GMT to LST. See Figure 1-1.

## CHAPTER 2

### Major Synoptic Features

**2.1 The Equatorial Trough.** The equatorial low pressure trough (also called the Intertropical Convergence Zone, or ITCZ) is an area of surface convergence near the equator between the northern and southern hemispheres' subtropical highs. The location, strength, and meanderings of the equatorial trough and the subtropical highs have a tremendous influence on, and are major controlling factors of, Central American weather. This band of low pressure also serves as the "meteorological equator," or the boundary between the northern and southern hemispheres' general circulation and pressure patterns.

Figure 2-1 shows the mean position of the equatorial trough by month. During the winter, or dry season, the equatorial trough moves southward, away from Central America, in conjunction with the strengthening and southward extension of the Atlantic subtropical high. From early spring through fall, the opposite effect is seen as the equatorial trough moves northward into Central America. This, of course, is a simplistic view. Year-to-year variations are influenced by numerous, often unexplained, anomalies such as the change in ocean surface temperatures related to the "El Nino" (unusually warm sea surface temperatures off the western coasts of South and Central America). Anomalies aside, the equatorial trough is probably the single most dominant synoptic feature affecting Central America.

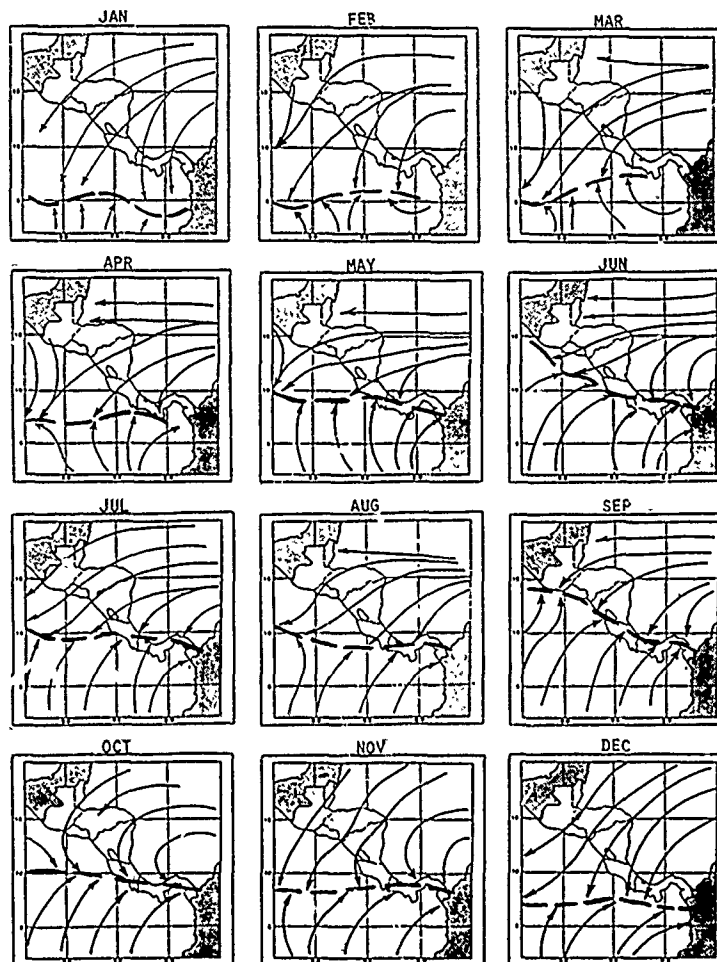


Figure 2-1 Equatorial Trough and Surface Wind Flow.

When a more detailed analysis is required, the general term "equatorial trough" is often replaced by either "monsoon trough" or "trade wind trough," depending on the circulation pattern. The monsoon trough, with easterly trades to its north and westerlies to its south, prevails in Central America from mid-spring through late fall. To the south of the monsoon trough is an area of extensive cloudiness and strong convective activity. During the rest of the year, the easterly trades of both hemispheres converge to establish the trade-wind trough. The resulting vertical shear between the low-level easterlies and upper-level westerlies provides an effective mechanism for capping convective growth during the winter months. See Figure 2-1 and Charts A-48 through A-67.

**2.2 Trade Winds.** The northeasterly trades lie between the equatorial low pressure trough and the northern hemisphere subtropical high pressure belt. They are the most consistent and persistent winds in that region, averaging 7-9 knots year round. Figure 2-1 shows the generalized flow of the trades, which are east-northeasterly most of the year over most of the region. Areas south of the equatorial trough are dominated by the southern hemispheric southeasterly trades. During the northern hemisphere summer (July-September), a buffer zone of westerlies lies between the equatorial trough and the southern hemispheric southeasterly trades. These westerlies meet the northeasterly trades in the equatorial (monsoon) trough, setting up the strong convergence zone associated with the trough in mid- to late summer.

Figure 2-2 shows selected soundings for the two months chosen as extreme examples: March (dry) and October (wet). Except for the low-level trade wind inversion in March, the temperature profiles are very similar. The dew point profiles, however, show the very strong dry layer between the 600 and 800 millibar levels in March that is not present during October. This shows that the most important elements in a tropical sounding are the vertical distributions and time changes of moisture. Vertical temperature profiles show little daily change from the mean profiles. In the example, the March sounding shows the trade wind inversion that acts as a drying cap to vertical development of precipitation. The October, or wet season, sounding shows an increase in low-level moisture accompanying the change in low-level wind direction and speed. Many of the criteria used to analyze mid-latitude soundings are of limited value in tropical analysis because of the consistency of day-to-day values. In tropical maritime climates, tropopause heights, condensation, and free convection levels show almost no daily variation because of the uniformity of temperature and moisture. Similarly, stability indices have limited use in Central America. By season, the tropical atmosphere is very uniform. Therefore, the daily change in moisture and the vertical wind profiles are the elements to watch. See Charts A-48 through A-67.

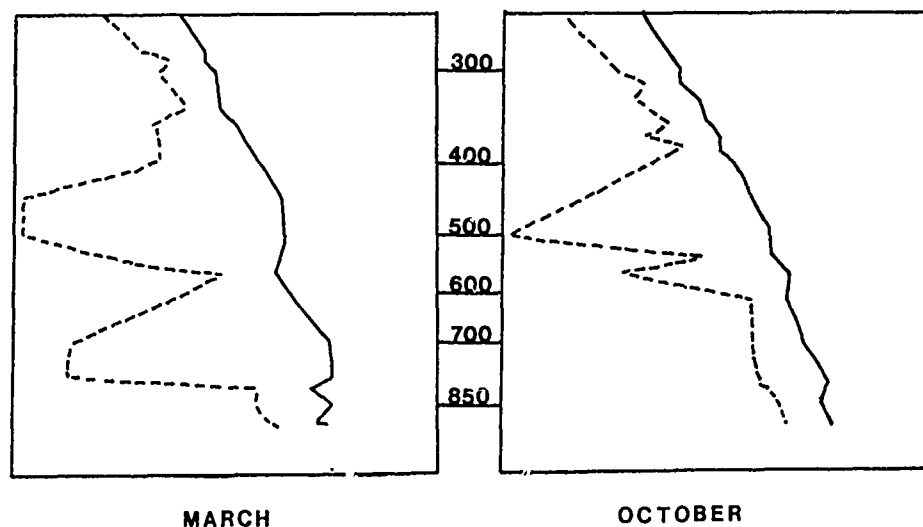


**Figure 2-2 Atmospheric Profiles of Temperature and Dew Point for March (Dry) and October (Wet) at San Jose, Costa Rica.**

### **2.3 Storm Systems.**

**2.3.1 Hurricanes and Tropical Storms.** The hurricane is the most destructive storm system known. Typical accompaniments to these storms are widespread flooding, storm surges, strong winds, and occasionally, tornadoes. Most Atlantic storms develop off the west coast of Africa in easterly waves or in disturbances moving out of the equatorial trough and away from the equator. Some Atlantic storms then move westward into the Caribbean Sea and to Central America. Other storms form in the Caribbean east of Nicaragua and north of Panama, moving north or northwest. Pacific hurricanes form west of El Salvador and Guatemala, but generally move north-northwest away from Central America. Hurricanes are rarely seen within 9 degrees of the equator.

Figure 2-3 gives shows the number of hurricanes and tropical storms over Central America, based on counts of occurrences within 60 nautical miles. Data are for years 1871 through 1980. Major storm tracks are shown by arrows. Areas primarily affected are the Nicaraguan coast, the Honduran coast from Trujillo eastward, and all of Belize and northern Guatemala. Table 2-1 shows the number of hurricanes and tropical storms that make landfall in each of the Central American countries. Although a number of other storms have passed close enough to the Caribbean coast to have affected coastal and lowland areas, they have not been included in Table 2-1. As the table shows, September and October are the most active months even though the storm season runs from May through December.

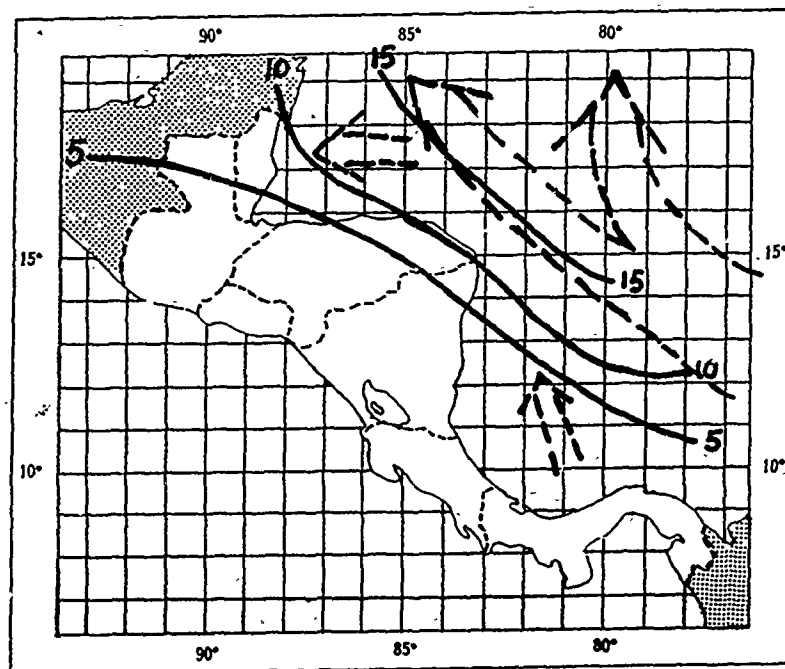


Figure 2-3 Number of Hurricanes/Tropical Storms Within 60 NM (solid lines) and General Direction of Movement (dashed arrows).

TABLE 2-1 Number of Hurricanes/Tropical Storms (Depressions) Making Landfall by Country, 1871-1980.

|             | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Belize      | 0/0 | 0/4 | 3/0 | 0/4 | 8/7 | 3/5 | 1/3 | 0/0 |
| Guatemala   | 0/0 | 0/3 | 1/1 | 0/4 | 4/6 | 2/5 | 0/1 | 0/0 |
| Honduras    | 0/1 | 1/3 | 2/1 | 0/0 | 3/5 | 2/2 | 0/3 | 0/0 |
| El Salvador | 0/0 | 0/1 | 0/0 | 0/0 | 0/2 | 0/0 | 0/0 | 0/0 |
| Nicaragua   | 0/1 | 1/1 | 1/0 | 0/0 | 3/4 | 4/1 | 0/4 | 0/0 |
| Costa Rica  | 0/0 | 0/0 | 0/0 | 0/0 | 0/0 | 0/0 | 0/0 | 0/1 |
| Panama      | 0/0 | 0/0 | 0/0 | 0/0 | 0/0 | 0/0 | 0/1 | 0/0 |

Note: Storms making landfall on offshore islands or possessions are omitted from the count. Although Table 2-1 gives storm count by country, several individual storms crossed two or more countries and were counted that way. Note that Belize has recorded only 15 hurricanes and 23 storms of lesser strength in 110 years. Tropical storms invade Belize only about once every 3 years, and affect the other Central American countries even less frequently.

**2.3.2 Northerners.** Northerners are actually the trailing ends of shear lines that result from strong North American (continental) polar outbreaks. They occur from late December through March, and primarily affect Belize, northern Guatemala, and Honduras. However, the cooler, drier air behind a strong front can sometimes reach as far south as western Panama. These outbreaks modify the "dry season," bringing winter precipitation to Belize and northern Honduras (See Figure 3-1) and causing the relatively lower mean temperatures along northern coastal regions (See Table B-3).

**2.3.3 Temporals.** When the tropical upper tropospheric trough (TUTT), usually seen as a weak trough at the 200-300 millibar level, establishes itself northeast to southwest from Cuba to Central America, small surface low pressure centers sometimes form along the Pacific coast of Central America. These low

pressure centers act as cool core systems when compared to the warm, weak ridges on either side of the TUTT. "Temporals" are slow-moving depressions (similar to tropical depressions) that appear to form in, or move out of, the equatorial trough in the Pacific and move slowly up the west coast of Central America. These storms are large areas of stratiform cloudiness with steady rain. Because of their slow motion and steady rainfall, they can cause flooding and mudslides along the Pacific coast and in the coastal mountain ranges. Although temporals do not always bring the thunderstorm activity common to hurricanes and tropical storms, these stratiform cloud systems can occasionally conceal imbedded thunderstorms (See Figures 2-3 and 3-1, Tables 2-1 and B-3).

**2.4 Upper Air Circulation.** Figures 2-4 and 2-5 are vertical cross-sections of mean zonal winds (surface to 100 millibars) for January and July, and for April and October, respectively. Light easterly winds (10 knots or less) dominate throughout the year from surface to between 400 and 500 millibars. From there up to 100 millibars, winds are generally westerly from December to June, and easterly the rest of the year. Westerly winds are strongest, reaching mean maximum speeds of 30 knots between 150 and 200 millibars. Easterly winds are always light, and usually less than 10 knots.

Stratospheric winds are dominated by the "quasi-biennial oscillation" that results in a direction reversal about every 11 to 15 months. Areas of maximum speed originate at about 30 millibars (25 kilometers) and descend about 1 kilometer a month until they near the tropopause. Periods of easterly winds are strongest, with mean speeds reaching 40 knots and maximum speeds from 70 to 80 knots. Periods of westerly winds are generally only half that strong. See Charts A-48 through A-67.

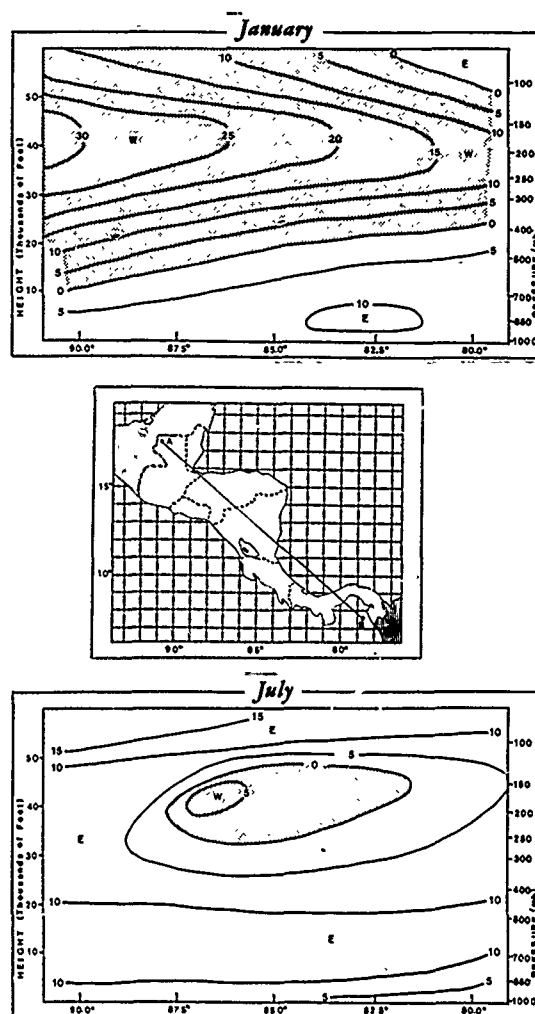


**Figure 2-4 Mean Zonal Winds for Upper Air Vertical Cross Sections Along Line AB for January and July. Speeds in knots.**

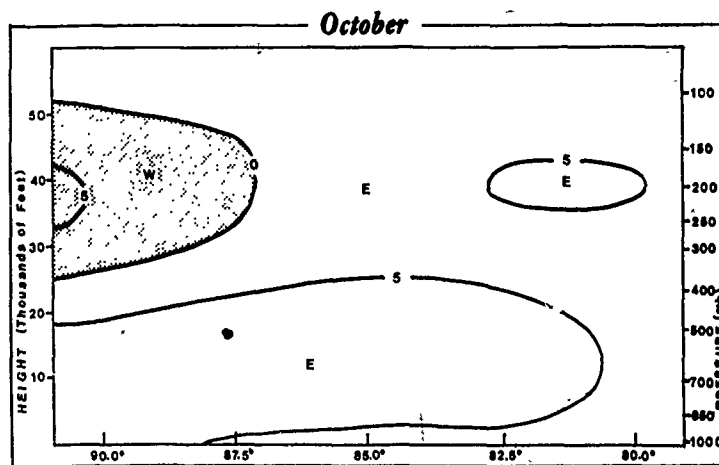
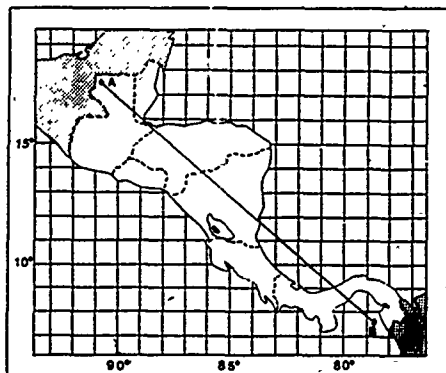
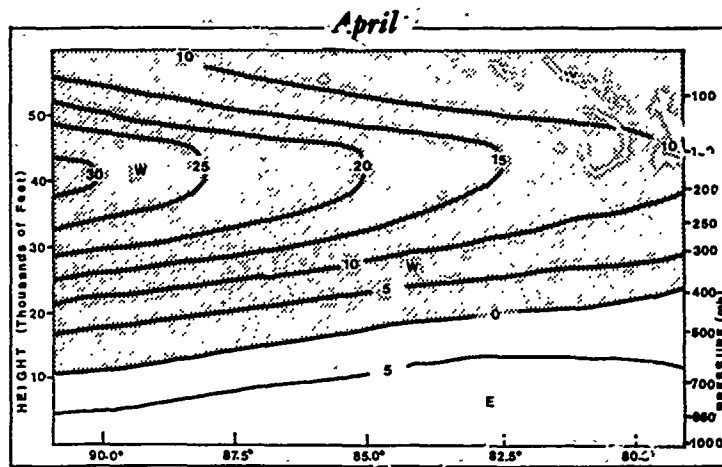


**Figure 2-5 Mean Zonal Winds for Upper Air Vertical cross Sections Along Line AB for April and October. Speeds in knots.**

## CHAPTER 3

### Weather Phenomena

**3.1 Precipitation.** Precipitation is often considered the single most significant weather element in Central America; not surprising, considering that the region is a relatively narrow tropical isthmus with the Caribbean Sea on the east and the warm Pacific on the west. Free from the influences of a large continental landmass, Central American precipitation becomes primarily a function of wind direction and station elevation. Only rarely is a mid-latitude frontal system strong enough to push this far south. Occasionally a major polar outbreak, or "norther," ( See Para 2.3.2) pushes a frontal system across the Gulf of Mexico south of Cuba to influence Central America's winter weather. When it does, it usually brings rain and gusty winds to the Caribbean coastal areas of Belize, Honduras, and Nicaragua. After these rare frontal passages, the mild tropical winter, or "dry season" returns. Frontal regimes, however, are of little significance when compared to the prevailing onshore flow that accompanies the long and wet summer season.

All of Central America is under the influence of maritime air masses. The persistent northeast trades, although shallow, are heavily laden with moisture. This moisture is generally released along Caribbean coastal areas, particularly where terrain influence plays a major role in precipitation patterns. The best example of this kind of heavy rainfall is along the Caribbean coasts of Costa Rica, Panama, and Nicaragua. See Chart A-3, Mean Annual Precipitation.

Along the Caribbean coast, the wet season normally starts in May and ends in November. The subtropical ridge builds in the Atlantic, shifting northward to follow the sun. Along with this northerly shift, the equatorial (monsoon) trough moves northward to dominate the summer weather pattern and signal the start of the wet season (See Figure 2-1 for the mean position of the equatorial trough). Many stations show double maxima for precipitation amounts. The first maximum is normally in June, at the beginning of the wet season, while the second is in November, near the end of the wet season. Managua, Nicaragua, for example, clearly shows these dual June-October maxima. See Figure 3-1.

June through October is the normal wet season throughout Central America, and January through April the normal dry season. However, since the annual rainfall is more than 150 inches, with considerable variation, the terms "wet" and "dry" become relative. Bluefields, Nicaragua, is a prime example. This station, on the Caribbean coast, gets large amounts of rain from May through December, with some months in excess of 20 inches and all wet season months in excess of 10 inches. But even during Bluefields' short "dry" season (February through April), the monthly average is more than 3.5 inches. The moist trades, releasing their moisture as they move over Nicaraguan and Costa Rican coastal areas, give this area its exceptionally heavy rainfall amounts. See Charts A-1, A-2, and A-3.

In the rugged mountain terrain of western Guatemala, some of the driest and wettest locations are found, sometimes only miles apart. The Sierra Madre Mountains block moist air coming off the Pacific. As a result, these mountains, several with peaks over 12,000 feet, get some of the highest rainfall amounts in Central America (more than 120 inches a year) on their lower windward slopes. There is little rain at elevations above 8,000 feet and in the interior valleys. As an example, San Rafael, Guatemala, at 2,164 feet on the windward slopes, gets more than 150 inches of rain a year. Nearby Agua Blanca, at 2,919 feet but in an interior valley, gets less than 30 inches. Seasons are different, too. Lower windward slopes have a long wet season: May through October, with dual maxima in June and September. In contrast, interior regions receive nearly all their rainfall from June through September, with no strong maxima (See Figure 3-1). As can be seen on Chart A-3, this interior region of Guatemala, as well as the southern Honduran and northern Nicaraguan mountain interiors, are the driest areas in Central America, averaging only about 30 to 40 inches a year. While an annual rainfall of 40 inches is not ordinarily considered "dry," when nearby areas get two to four times that amount, the relative dryness is noteworthy.

With the freezing level almost always above 15,000 feet, snow in Central America is rare except for an occasional snowfall on the higher mountain peaks. Hail is almost never seen. See Figure 3-1; Charts A-1, A-2, and A-3; Tables B-1 and B-2.

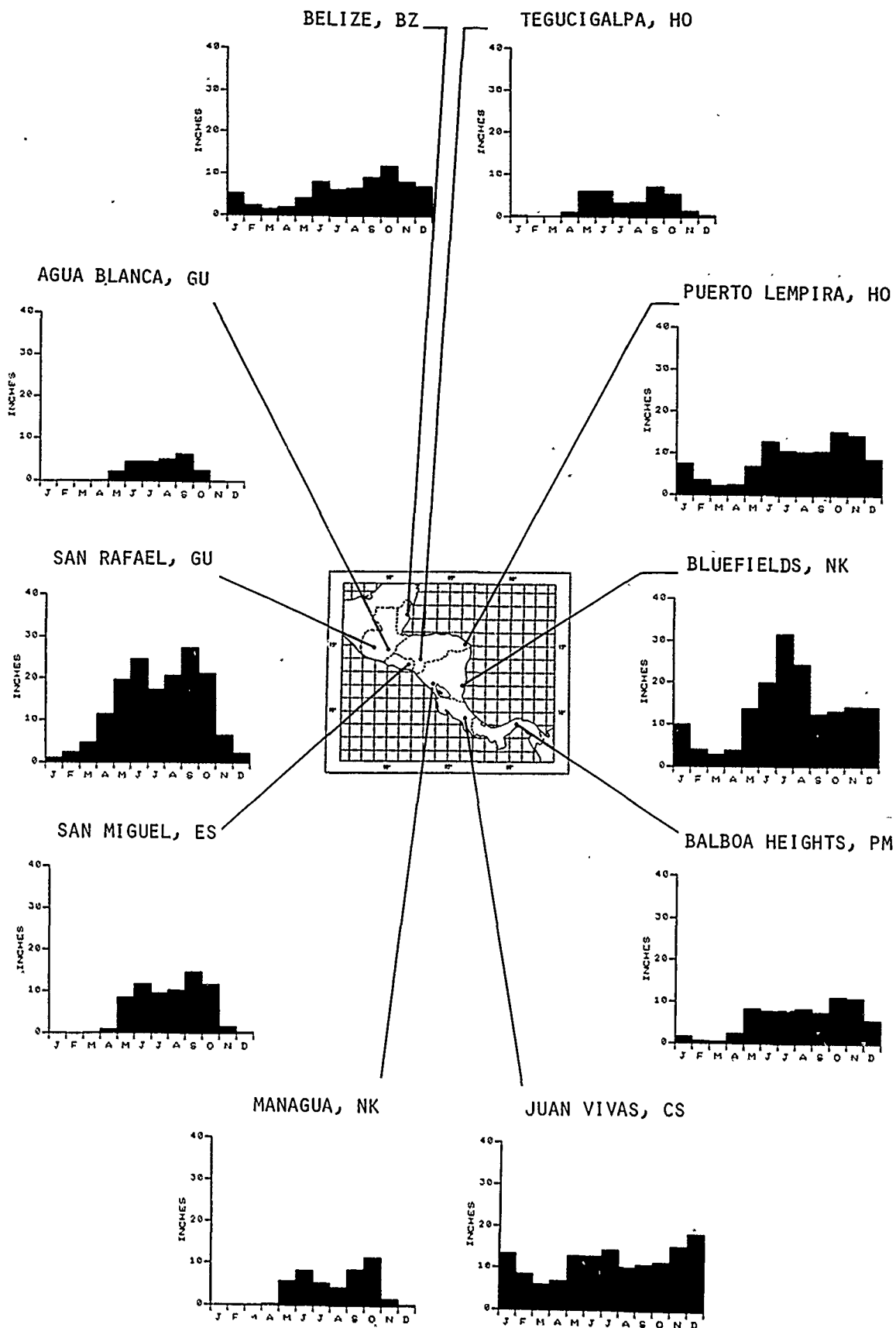


Figure 3-1 Mean Monthly Precipitation in Inches, Selected Locations.

### 3.2 Psychrometrics.

**3.2.1 Temperature.** Figure 3-2 shows mean monthly temperatures. Even though Central America is in the tropics, there are some large temperature variations due to elevation. Mean temperatures at Managua, elevation 160 feet, are 10 degrees warmer than at San Jose, with an elevation greater than 3,200 feet. Also, diurnal and annual variations at the higher elevations are greater than those variations at sea level. The persistently warm temperatures and high humidities of Central America are largely due to the proximity of the warm tropical waters of the Caribbean sea and Pacific Ocean, both with consistently warm sea surface temperatures throughout the year. For example, La Ceiba, Honduras, has only a 5 to 6 degree annual variation in sea surface temperature (See Figure 3-3). Afternoon temperatures on both coasts are modified only slightly by sea breezes.

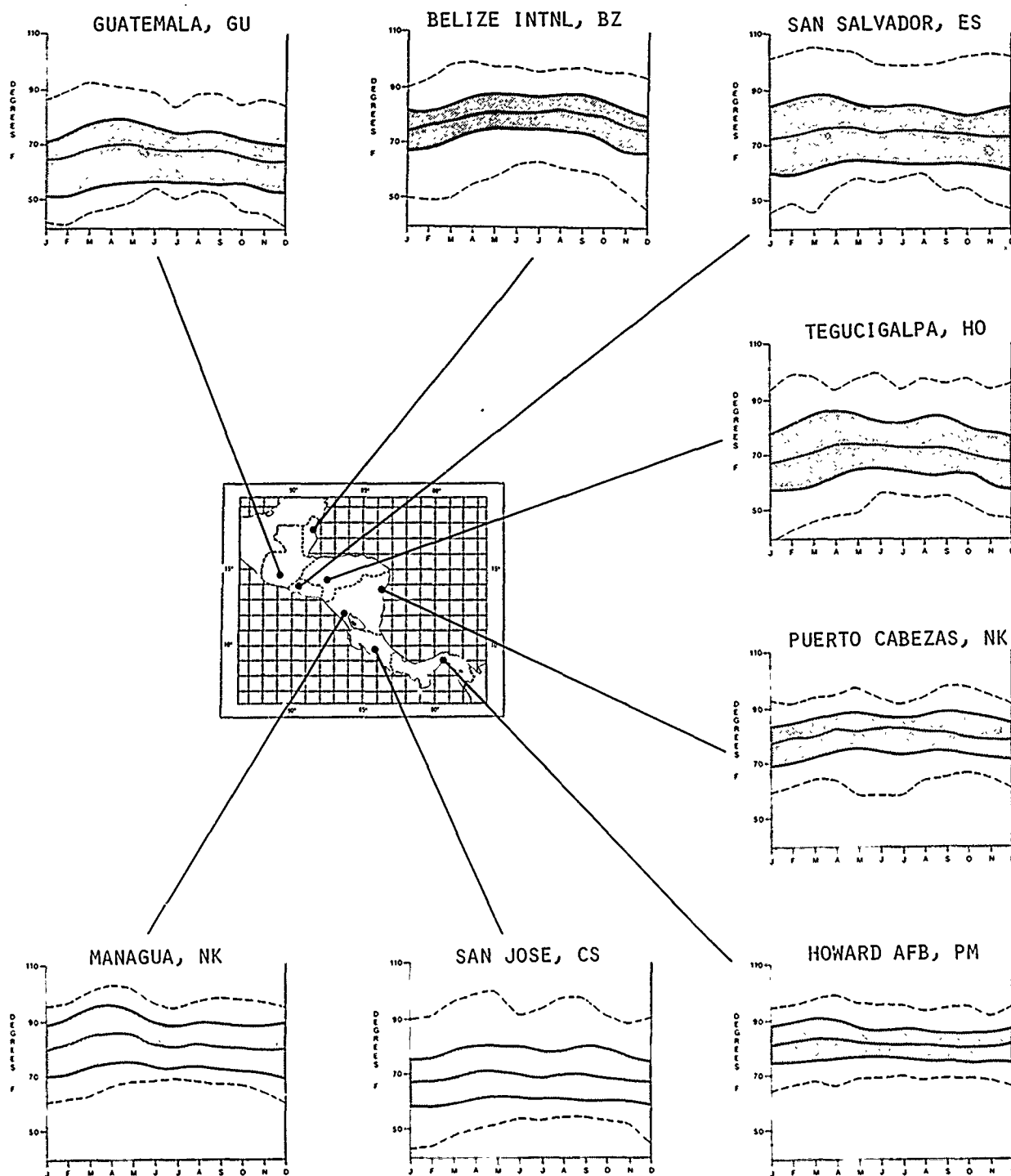


Figure 3-2 Mean Monthly Temperatures (Solid lines within shaded area) and Extremes (Dashed lines). Shaded areas show variations of daily means around the overall mean. Temperatures in degrees Fahrenheit.

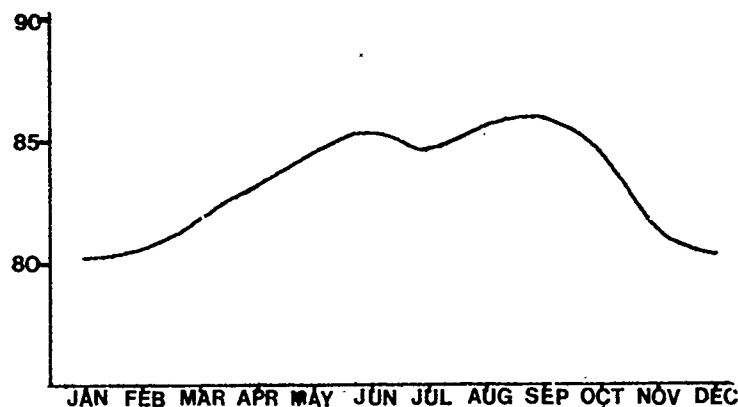


Figure 3-3 Sea Surface Temperatures (degrees F), La Ceiba, Honduras.

Temperatures in the lower elevations of Central America, especially in the southern half, are uniformly warm, with little annual or diurnal change. However, temperatures at higher elevations in the interior are more like those at higher latitudes, with warm afternoons and cool evenings. In the interior, dry season mean diurnal temperature changes are often two or three times the annual range. Temperature ranges are definitely dependent on elevation, as shown in Table 3-1.

TABLE 3-1 Temperature Change with Elevation.

| Elevation            | Mean Temperature |               |
|----------------------|------------------|---------------|
|                      | Daytime Max      | Nighttime Low |
| Below 3,000 feet     | 80-90°F          | 60-70°F       |
| 3,000 to 5,000 feet  | 70-80°F          | 50-60°F       |
| 5,000 to 10,000 feet | 60-70°F          | 40-50°F       |
| Above 10,000 feet    | 50-60°F          | 30-40°F       |

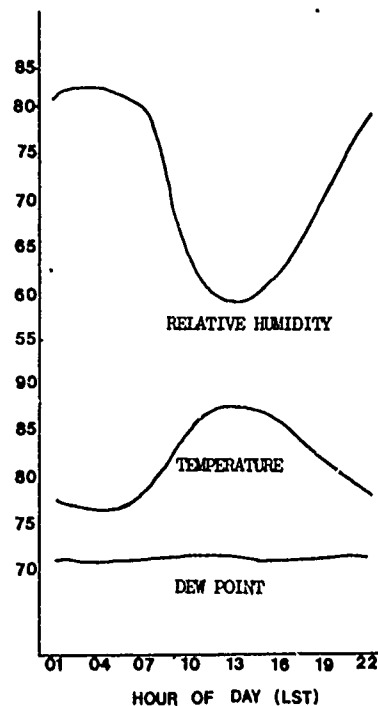
Cold fronts strong enough to modify temperatures reach Central America only occasionally. When they do, they almost always dissipate before reaching the southern regions. These fronts are often referred to as "Northers," or "Norte" (See Para 2.3.2).

The warmest temperatures occur near the end of the dry season, except in the lowlands of the southernmost parts of Central America, where mean temperatures are relatively warm throughout the year despite seasonal rainfall changes.

Elevation, solar angle, cloud cover, and frontal passage from the north are all factors that control temperature. For example, the cloudy skies over most of the Pacific coast and much of the interior contribute to the lower mean maximum temperatures experienced in these areas.

Another important aspect of tropical climate is the diurnal variation in mean values of temperature, dew point, and relative humidity (See Figure 3-4). There is very little diurnal variation of mean dew point even with a variation in relative humidity. The daily relative humidity cycle is not caused by changes in moisture, but by changes in temperature that determine the amount of moisture the air can hold.

Figure 3-4 Mean Relative Humidity, Temperature, and Dew Point for Howard AFB, Panama, for April (The Warmest Month).



**3.2.3 Human Comfort.** Although temperature and humidity are the most important elements that influence human comfort in the tropics, other factors include wind, insolation, barometric pressure, clothing, physical activity, and physical condition. In consideration of these influences, researchers have developed a temperature-humidity index to provide an "apparent temperature," or an estimate of what a given temperature "feels like" at various relative humidities. Table 3-2 gives apparent temperature as a function of ambient air temperature and relative humidity. It assumes a wind speed of 5.6 miles per hour, pressure of 29.92 inches, and shade. Apparent temperatures may be used to indicate the heat stress likely to be experienced at different levels of physical activity, as shown in Table 3-3. Note that the degree of heat stress may vary with age, physical characteristics, and physiological condition.

|                      |     | RELATIVE HUMIDITY (%) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|----------------------|-----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                      |     | 0                     | 5   | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 95  | 100 |
| AIR TEMPERATURE (°F) | 140 | 125                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                      | 135 | 120                   | 128 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                      | 130 | 117                   | 122 | 131 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                      | 125 | 111                   | 116 | 123 | 131 | 141 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                      | 120 | 107                   | 111 | 116 | 123 | 130 | 139 | 148 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                      | 115 | 103                   | 107 | 111 | 115 | 120 | 127 | 135 | 143 | 151 |     |     |     |     |     |     |     |     |     |     |     |     |
|                      | 110 | 99                    | 102 | 105 | 108 | 112 | 117 | 123 | 130 | 137 |     | 143 | 150 |     |     |     |     |     |     |     |     |     |
|                      | 105 | 95                    | 97  | 100 | 102 | 105 | 109 | 113 | 118 | 123 | 129 | 135 | 142 | 149 |     |     |     |     |     |     |     |     |
|                      | 100 | 91                    | 93  | 95  | 97  | 99  | 101 | 104 | 107 | 110 | 115 | 120 | 126 | 132 | 138 | 144 |     |     |     |     |     |     |
|                      | 95  | 87                    | 88  | 90  | 91  | 93  | 94  | 96  | 98  | 101 | 104 | 107 | 110 | 114 | 119 | 124 | 130 | 136 |     |     |     |     |
|                      | 90  | 83                    | 84  | 85  | 86  | 87  | 88  | 90  | 91  | 93  | 95  | 96  | 98  | 100 | 102 | 106 | 109 | 113 | 117 | 122 |     |     |
|                      | 85  | 78                    | 79  | 80  | 81  | 82  | 83  | 84  | 85  | 86  | 87  | 88  | 89  | 90  | 91  | 93  | 95  | 97  | 99  | 102 | 105 | 108 |
| 80                   | 73  | 74                    | 75  | 76  | 77  | 77  | 78  | 79  | 79  | 80  | 81  | 81  | 82  | 83  | 85  | 86  | 86  | 87  | 88  | 89  | 91  |     |
| 75                   | 69  | 69                    | 70  | 71  | 72  | 72  | 73  | 73  | 74  | 74  | 75  | 75  | 76  | 76  | 77  | 77  | 78  | 78  | 79  | 79  | 81  |     |
| 70                   | 64  | 64                    | 65  | 65  | 66  | 66  | 67  | 67  | 68  | 68  | 69  | 69  | 70  | 70  | 70  | 70  | 71  | 71  | 71  | 71  | 73  |     |

| <u>Apparent Temperature</u> | <u>Danger Category</u> | <u>Effects</u>                                                                                                         |
|-----------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------|
| 80-90°                      | Caution                | Fatigue possible with prolonged exposure and physical activity.                                                        |
| 90-105°F                    | Extreme Caution        | Sunstroke, heat cramps, and heat exhaustion possible with prolonged exposure and physical activity.                    |
| 105-130°F                   | Danger                 | Sunstroke, heat cramps, and heat exhaustion likely. Heatstroke possible with prolonged exposure and physical activity. |
| >130°F                      | Extreme Danger         | Heatstroke or sunstroke imminent.                                                                                      |

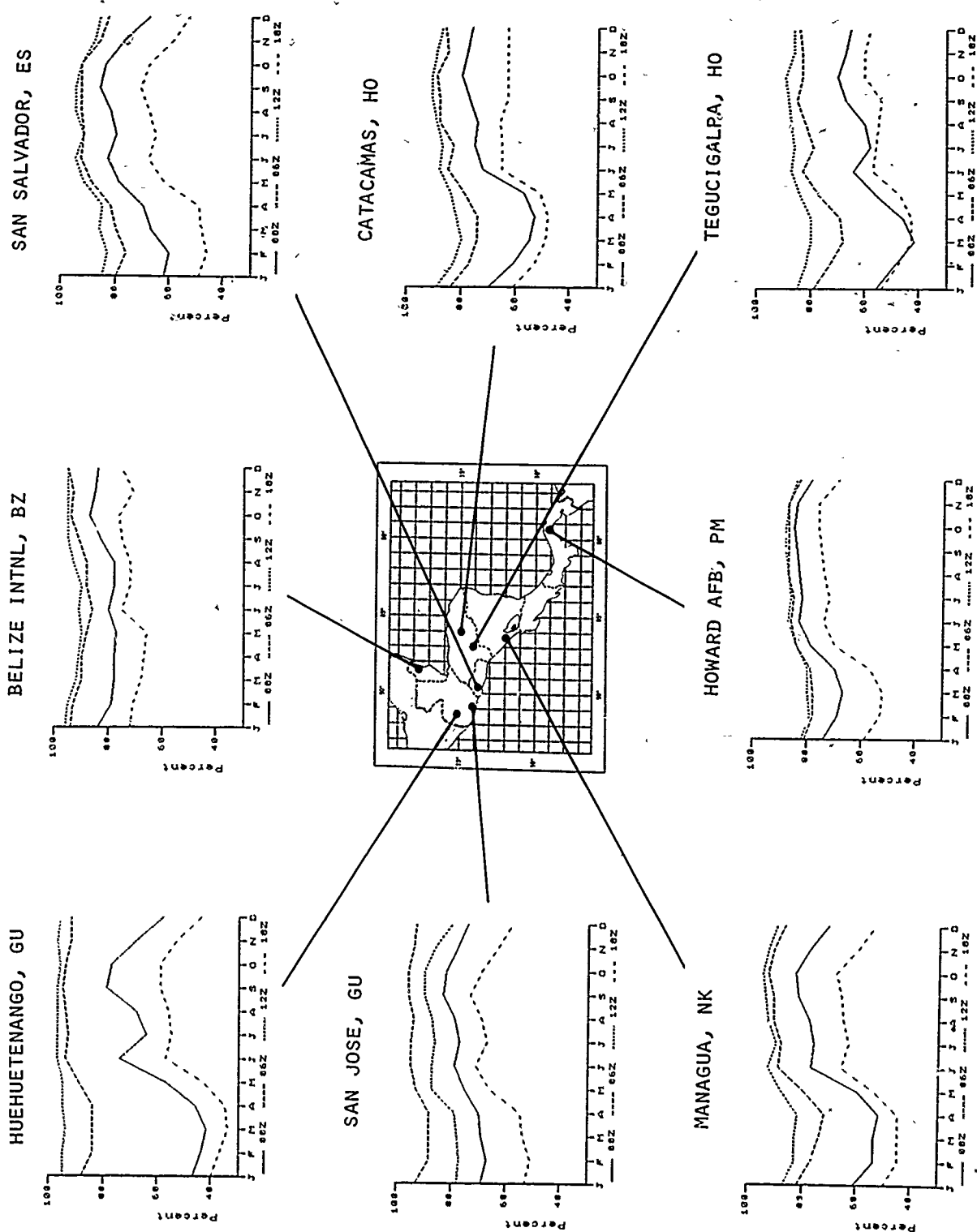


Figure 3-5 Mean Relative Humidity by Month and Time of Day, Selected Stations

### 3.3 Cloudiness.

**3.3.1 General.** Since cloudiness is strongly subject to local terrain features, it is difficult to discuss it in general terms. On the large scale, cloud cover correlates well with precipitation patterns, but specific locations may deviate significantly from the general situation. Away from the equatorial trough, there is much greater cloudiness over the Central American landmass than over adjacent waters. This results from orographic lifting of moisture-laden air carried in by on-shore trade winds and sea breezes. As a consequence, cumuliform clouds are predominant, with altocumulus, altostratus, and cirrus often resulting from the spreading of cumulonimbus tops during the wet season. During the dry season, the trade wind inversion restricts convective activity and fair weather cumulus abounds. Some stratiform clouds shroud the higher mountain peaks and are common in the valleys, where calm winds and cooler nighttime temperatures prevail.

Because of the predominance of the northeasterly trades, it is cloudier on the Caribbean side of the isthmus from Nicaragua north. There is little variation in cloudiness across Costa Rica and Panama, due in part to the narrowness of those countries' landmasses and their proximity to the equatorial trough.

**3.3.2 Diurnal Variations.** In general, cloud cover is least at night and in the morning, increasing during the day until early evening. This tendency is not strongly defined, however, and local influences often override the general pattern. Only in the southern parts of Nicaragua, Costa Rica, and Panama is this diurnal trend well established, but even then only during the dry season. In the dry season, areas along these Caribbean coasts have 6/10 or more cloud cover only 40 percent of the time at night, and 80 percent of the time during early afternoon. As noted earlier, the "dry" season in this region has only relative meaning.

**3.3.3 Seasonal Variations.** Seasonal changes in cloudiness are pronounced, and follow the same pattern as precipitation; i.e., December-March, dry; June-October, wet; April, May, and November, transitional. In the wet season, all of Central America is cloudy, with Panama, Costa Rica, and the Caribbean coast of southern Nicaragua extremely so. The northern countries and western Nicaragua will have >6/10 cloud cover 60 to 95 percent of the time, the remaining areas 80 to 100 percent of the time. The dry season shows a much greater degree of variation, with the Pacific sides of Guatemala, Honduras, El Salvador, and Nicaragua having 6/10 cloud cover 10 to 40 percent of the time. Belize and the rest of Honduras will experience these conditions 30 to 70 percent of the time; the Caribbean coast of Nicaragua and south, 35 to 85 percent of the time. Clear (less than 3/10 cloud cover) conditions are rare in the wet season, averaging only 5 to 25 percent of the time over most of Central America and only 0 to 10 percent of the time along the Caribbean coast and south. Although chances for clear conditions on this coast during the wet season are slim, the late-night and early morning hours offer a slightly better opportunity. During the dry season, clear conditions can be found 30 to 70 percent of the time over most of the region, but only 5 to 50 percent of the time to the south. See Charts A-32 through A-39, Tables B-16 and B-17.

**3.3.4 Ceilings.** In general, ceilings do not themselves present problems for airborne operations in Central America; i.e., rarely do low ceilings cover large geographic areas for extended periods. However, specific events (thunderstorms, squalls, orographic effects, etc.) cause occasional low ceilings which could become operationally significant.

Although ceilings less than 3,000 feet do occur in Central America, few stations experience them more than half the time. The two primary regions of low ceilings are the interior mountain ranges of Guatemala, Honduras, and Nicaragua, and the Caribbean coast from Nicaragua to Panama. Only isolated cases of ceilings less than 1,000 feet occur at most locations, and are usually associated with thunderstorms or heavy rain showers. This is particularly true during the afternoon and evening hours and applies to all of Central America. In fact, ceilings below 1,000 feet occur with any regularity only in the mountains and in the Guatemalan interior, where stratiform clouds form as the result of nighttime cooling. See Charts A-8 through A-15, Tables B-11, B-12, and B-13.

**3.4 Visibility.** Visibilities are normally good throughout Central America, at least as far as most aviation operations are concerned. Visibilities less than 3 miles occur primarily in the mountains when nighttime stratiform clouds envelope them. Visibilities less than 1 mile occur less than 5 percent of the time in the afternoon and evening at most stations, but slightly more often in the early morning hours in the mountains. Visibility varies greatly depending on whether it is measured on the side of a mountain (near or in the clouds) or in the valleys below. Visibilities are of course reduced in storms, but these are generally short-lived and restricted to the wet season. Other local factors, such as the burning off of cane fields, restrict visibilities locally and seasonally. See Charts A-16 through A-23 and Tables B-14 and B-15.

**3.5 Surface Winds.** Three primary influences combine to affect local surface winds. These influences are the tradewinds, sea and land breezes, and mountain/valley winds. These primary controls are modified (or nullified) by migratory or mesoscale systems such as hurricanes/tropical storms, northers, or individual thunderstorm cells. For the most part, mean wind speeds are less than 10 to 12 knots, lighter at night than during the day, and lighter in the wet season than in the dry season. From

late evening to early morning, calm winds prevail, occurring from 50 to 90 percent of the time at most stations. Seasonally, calm winds are at their minimum during the dry season. At some stations, this may mean that winds are calm only 50 percent of the time rather than 70 percent.

When winds are not calm, the east-northeasterly tradewinds prevail in the Caribbean and along the Caribbean coast. Good examples of the trades' dominance are Belize International Airport, Belize, and Islas del Cisne, Honduras (See Table B-9). Tela, Honduras, shows an apparently strong modification of the trades by a sea/land breeze regime. On the Pacific coast, especially on the coasts of Guatemala and El Salvador, the mountains effectively block the easterly trades and a sea/land breeze regime dominates. San Jose, Guatemala, and Acajutla, El Salvador, are good examples. Further south, evidence of the southwesterly monsoon winds behind the equatorial (monsoon) trough can be seen during the height of the wet season, when the trough is at its northernmost location. Wind directions at inland locations vary widely as they respond to local terrain features. Guatemala City, Guatemala, and San Jose, Costa Rica, (especially San Jose) are examples of stations that show higher mean speeds, probably the result of funneling (the "venturi effect") through mountain passes and valleys.

A squall-type phenomenon along the Pacific coast, referred to locally as the "Chubasco," occurs during the wet season. Strong, gusty thunderstorm-associated winds, sometimes exceeding gale force, form over the coastal mountains during late afternoon and move offshore in early evening as the sea breeze breaks and winds shift to the east-northeast. Other high winds occur in the vicinity of thunderstorms, in the mountains (because of the funneling effect), or when "northers" come through. See Figure 2-1 and Tables B-9 and B-10.

**3.6 Thunderstorms.** Thunderstorms are a frequent phenomenon across Central America during the wet season. Surface convergence, warm water, and a hot tropical sun are primary factors for thunderstorm development and contribute to their frequency. Terrain also plays an important role in thunderstorm development. Terrain-induced modification of the moist on-shore flow, as well as convective activity south of the equatorial (monsoon) trough result in numerous thunderstorm days. Many coastal locations experience 12 to 20 thunderstorm days a month at the height of the wet season. See Figure 3-6.

There is always a high potential for thunderstorm development during the wet season. The greatest activity is between mid-afternoon and midnight. Satellite photos, however, show that thunderstorms continue to develop over the warm offshore waters after midnight. The photos also show a primary area for development over the Gulf of Mosquitos on the Caribbean side of Costa Rica and Panama. There is high potential for vertical development, and tops often extend to well over 50,000 feet. All the typical weather hazards associated with thunderstorms (gusty winds, lightning, turbulence, icing, etc.) are present, along with heavy rains and localized flooding.

Under normal conditions, thunderstorms are a wet season phenomenon. During the dry season, the strong atmospheric stability found above the tradewind inversion inhibits almost all vertical development. The occasional frontal system that crosses Central America may provide enough instability to produce a dry season thunderstorm. Vertical currents along the windward sides of mountains are occasionally strong enough to break through the inversion and produce a thunderstorm during the dry season.

Figure 3-6 shows the mean number of thunderstorm days by month for selected Central American stations. As noted earlier, thunderstorms are primarily wet season phenomena except for the Caribbean Islands and the Caribbean coast along the Nicaragua and Honduras border. The areas of heaviest activity are the Panama Canal Zone and the Pacific coastal area from northern Nicaragua northward. The area of lightest activity is found in the interior regions of Guatemala, Honduras, and Nicaragua. Note that the dual thunderstorm maxima on the Pacific coast side correlate well with the dual precipitation maxima mentioned in an earlier chapter.

**3.7 Fog and Haze.** In a general sense, fog is an infrequent occurrence in Central America. Most fog that does occur is from radiational nighttime cooling in mountain valleys, a type that dissipates rapidly with diurnal heating. During the wet season, fog may form after rainstorms in the tropical rain forests as these rainstorms add a significant amount of moisture to air already near saturation.

Haze is common at many locations in Central America, especially along the Caribbean coast. Major contributing factors are the easterly trades and the ready availability of salt particulates off the oceans. However, haze alone seldom lowers visibilities to below aircraft landing minimums.

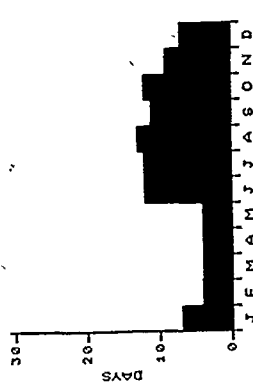
**3.8 Other Weather Information.** Other combinations of weather data that may be of interest for specific applications are included in the appendices.

For **paradrop** operations, see Charts A-40 to A-47 and Tables B-8 to B-21.

For **chemical** operations, see Table B-22.

For **Cloud-Free Line-of-Sight** applications, see Tables B-23 and B-24.

PUERTO CABEZAS, NK



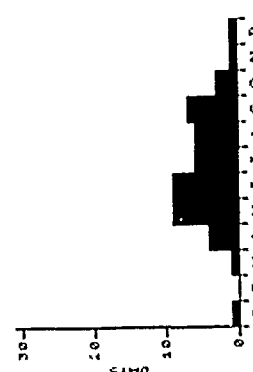
TELA, HO



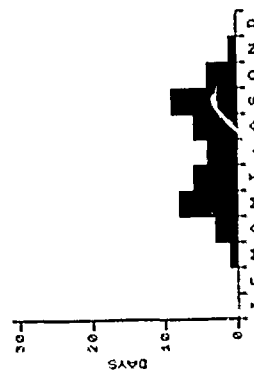
FLORES, GU



HUEHUETENANGO, GU



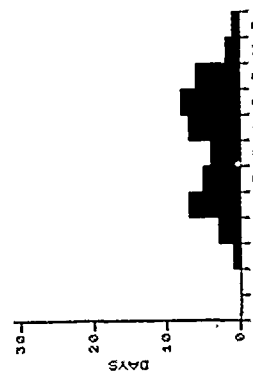
TEGUCIGALPA, HO



ACAJUTLA, ES



SAN JOSE, CS



RIVAS, NK



HOWARD AFB, PM

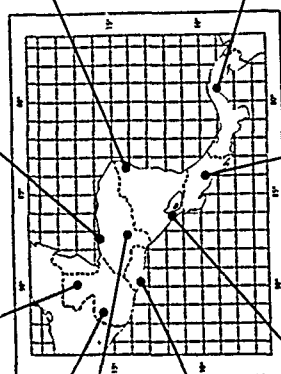
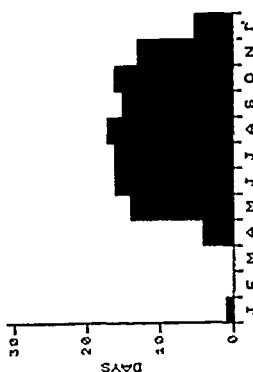


Figure 3-6 Mean Number of Thunderstorm Days by Month, Selected Stations

## CHAPTER 4

### Miscellaneous Environmental Data

**4.1 Astronomical Data.** Table 4-1 gives general astronomical data for 10 and 15 degrees north latitude. These data do not take terrain into account; consult current, detailed astronomical tables for precise values. Central America's longest and shortest days coincide with the 21 June and 21 December solstices, respectively. Because of its location south of 23° 27' north, the sun reaches its zenith over Central America twice: Once from mid- to late April as it travels north, and again in late August or early September as it returns to the south.

**TABLE 4-1. Hours and Minutes of Daylight, Civil Twilight, and Astronomical Twilight at 10° and 15° North Latitude.** Data are for 17th Day of each Month.

|                | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
|----------------|-------|-------|-------|-------|-------|-------|
| 10°N Daylight  | 11:37 | 11:50 | 12:05 | 12:22 | 12:35 | 12:42 |
| Civil Twilight | :22   | :21   | :21   | :21   | :22   | :23   |
| Astro Twilight | 1:14  | 1:11  | 1:10  | 1:12  | 1:15  | 1:18  |
| 15°N Daylight  | 11:21 | 11:41 | 12:04 | 12:30 | 12:51 | 13:01 |
| Civil Twilight | :23   | :22   | :21   | :22   | :23   | :24   |
| Astro Twilight | 1:15  | 1:12  | 1:11  | 1:13  | 1:17  | 1:20  |

|                | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   |
|----------------|-------|-------|-------|-------|-------|-------|
| 10°N Daylight  | 12:38 | 12:26 | 12:09 | 11:53 | 11:40 | 11:32 |
| Civil Twilight | :23   | :22   | :21   | :21   | :22   | :23   |
| Astro Twilight | 1:16  | 1:12  | 1:10  | 1:10  | 1:13  | 1:15  |
| 15°N Daylight  | 12:56 | 12:36 | 12:11 | 11:47 | 11:25 | 11:14 |
| Civil Twilight | :23   | :22   | :21   | :22   | :23   | :23   |
| Astro Twilight | 1:19  | 1:14  | 1:11  | 1:12  | 1:15  | 1:17  |

**4.2 Tidal Data.** Tides are worth mentioning because of the significant tidal differences between the Caribbean and Pacific sides of the isthmus. On the Caribbean side, tidal variations are very small, generally with only 1 to 3 foot differences between low and high. On the middle and northern Pacific coasts, however, such as at La Union, El Salvador, and Puntaremas, Costa Rica, the difference between low and high tide may be as much as 7 to 9 feet. At Balboa, Panama, the change can be as much as 12 to 14 feet. Consult local tide tables for exact dates, times, and locations in question.

**4.3 Seismic Activity.** Earthquakes are fairly common in Central America. Quakes of 5.0 or greater on the Richter Scale have been recorded in Guatemala, Honduras, El Salvador, and Costa Rica since 1976. Historically, earthquakes have caused more life and property losses than any other natural phenomenon in Central America. Probably the most significant effect of seismic activity on military operations would be the frequent quake-induced landslides that block roads and mountain passes.

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## APPENDIX A

### Contoured Charts

The contoured charts in this appendix were produced to show major patterns such as areas of maxima and minima. They do not reflect mesoscale features. Users should refer to tables in Appendix B and to detailed topographic charts for data relating to specific times or locations.

As a general rule, the surface charts presented in this appendix are for the months of February, May, August, and November. These months were selected because February and August are centered in the dry and wet seasons, respectively, while May and November most closely represent transitional periods. An exception to these selections is in the precipitation charts, which are for March (the driest month), October (the wettest month), and "Annual."

Since the mid-season months of January, April, July, and October are representative of winter, spring, summer, and fall, respectively, they were selected for upper air chart presentations.

Specifically, charts are presented as follows:

**Mean Precipitation:** March, October, "Annual"

**Mean Temperature:** February, May, August, November

**Ceiling:** February, May, August, November: Hours 00Z and 12Z

**Visibility:** Same as ceiling

**Sky Cover:** Same as ceiling, but hours 06Z and 18Z

**Paradrop:** Same as ceiling

**Relative Humidity:** Same as ceiling

**Mean Upper Air Circulation:** Winter, Spring, Summer, Fall, (January, April, July, October)

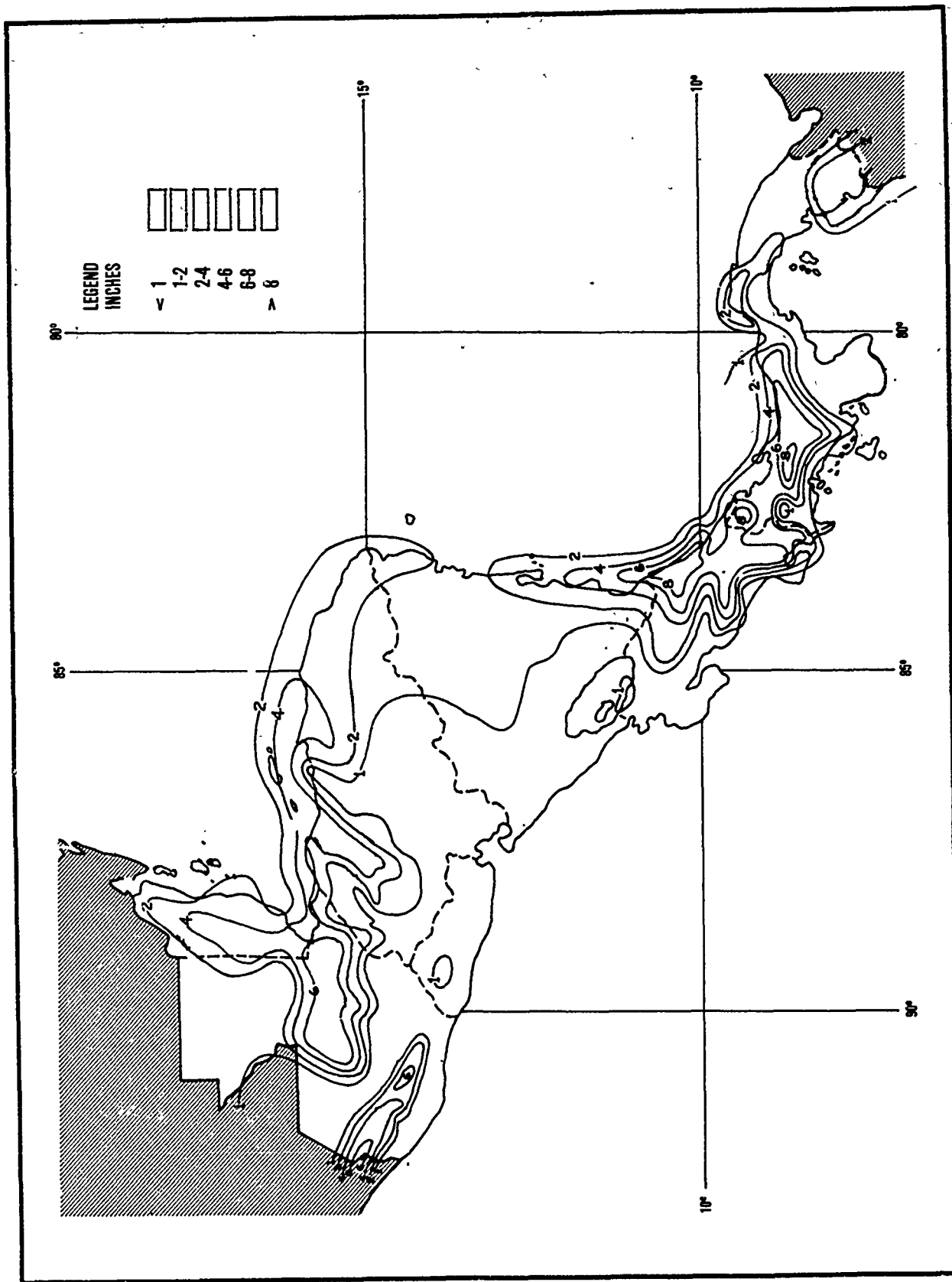


CHART A-1 Dry Month Precipitation (March)

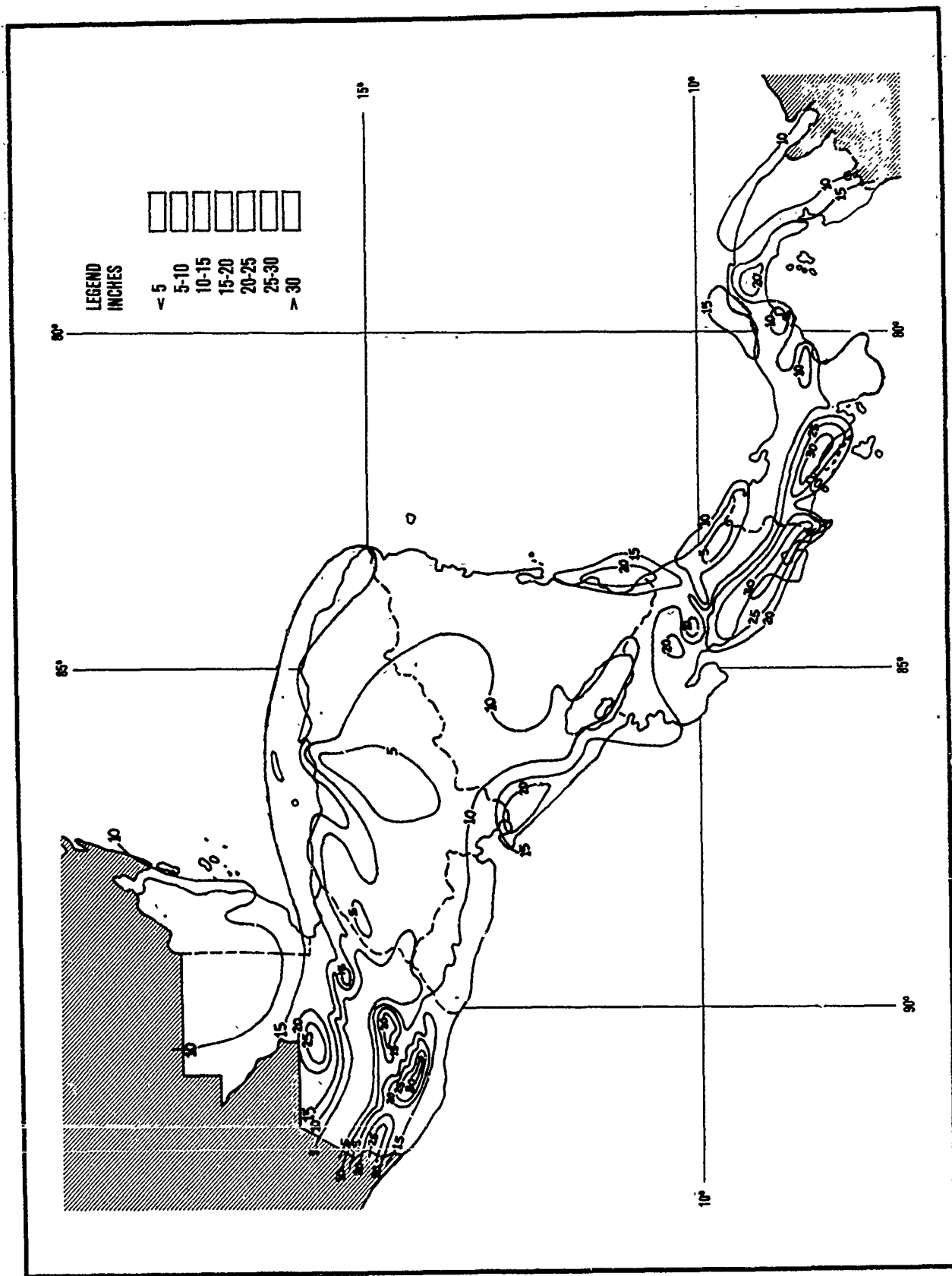


CHART A-2 Wet Month Precipitation (October)

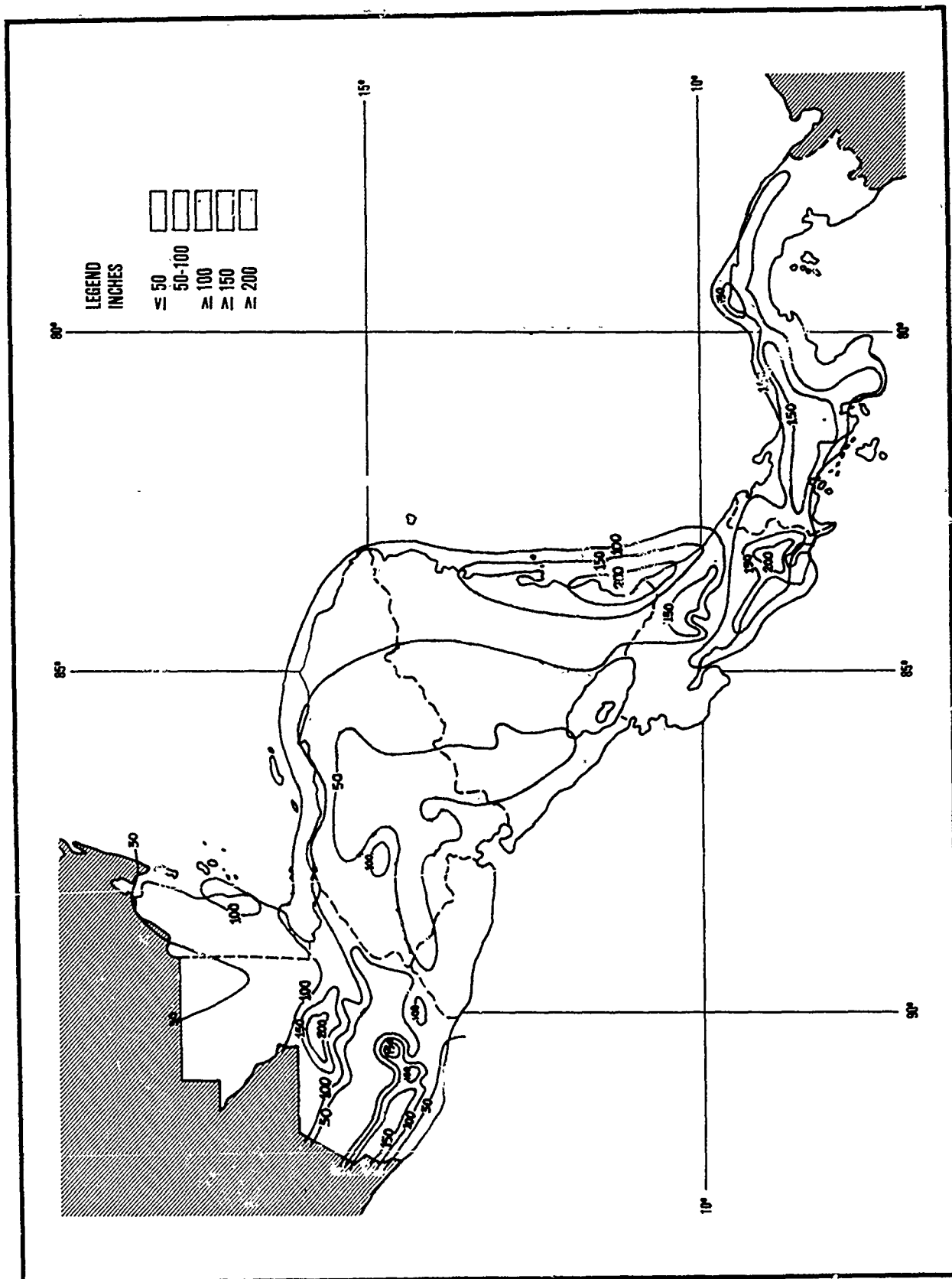


CHART A-3 Mean Annual Precipitation

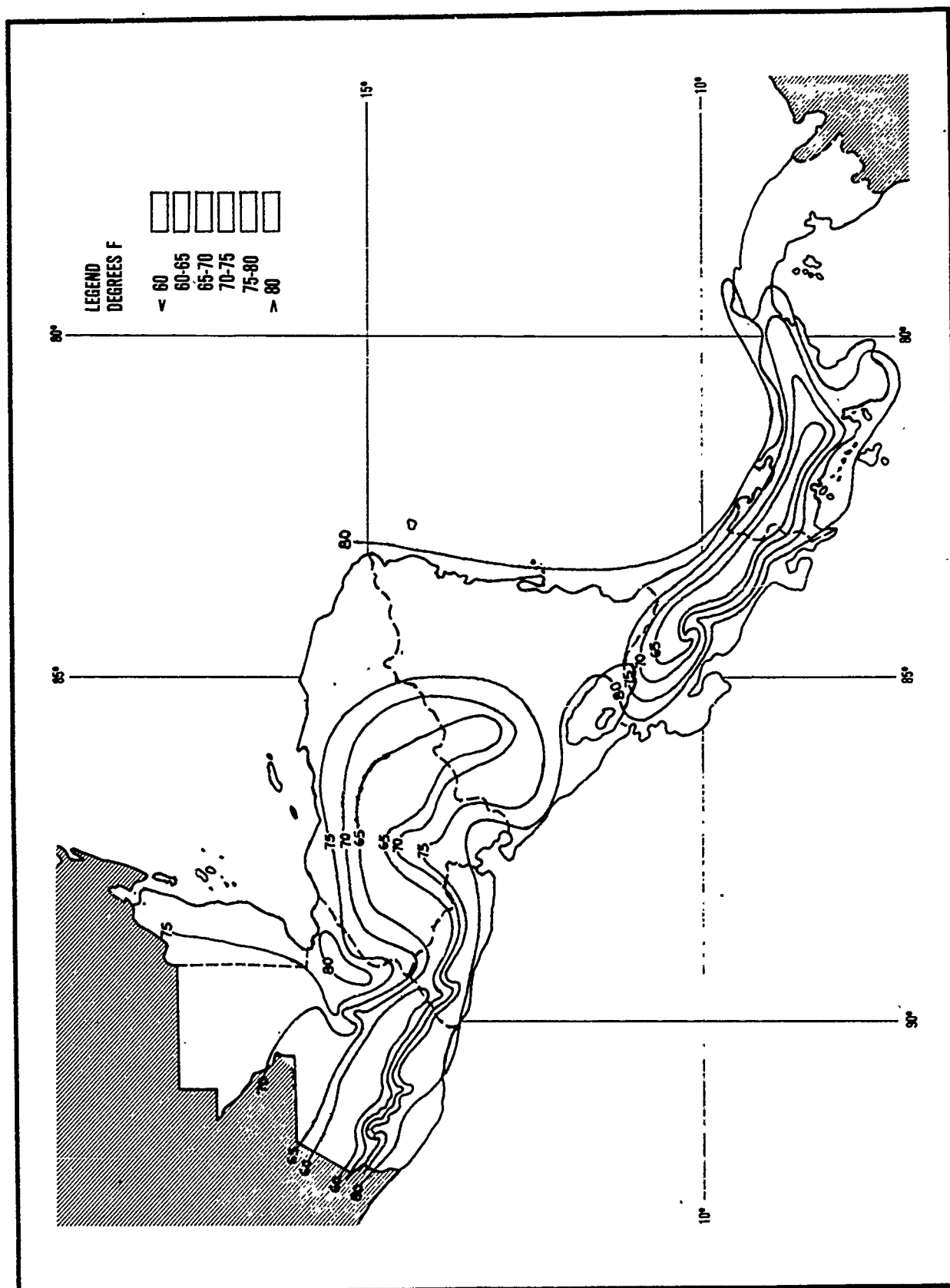


CHART A-4 Mean Monthly Temperature, February

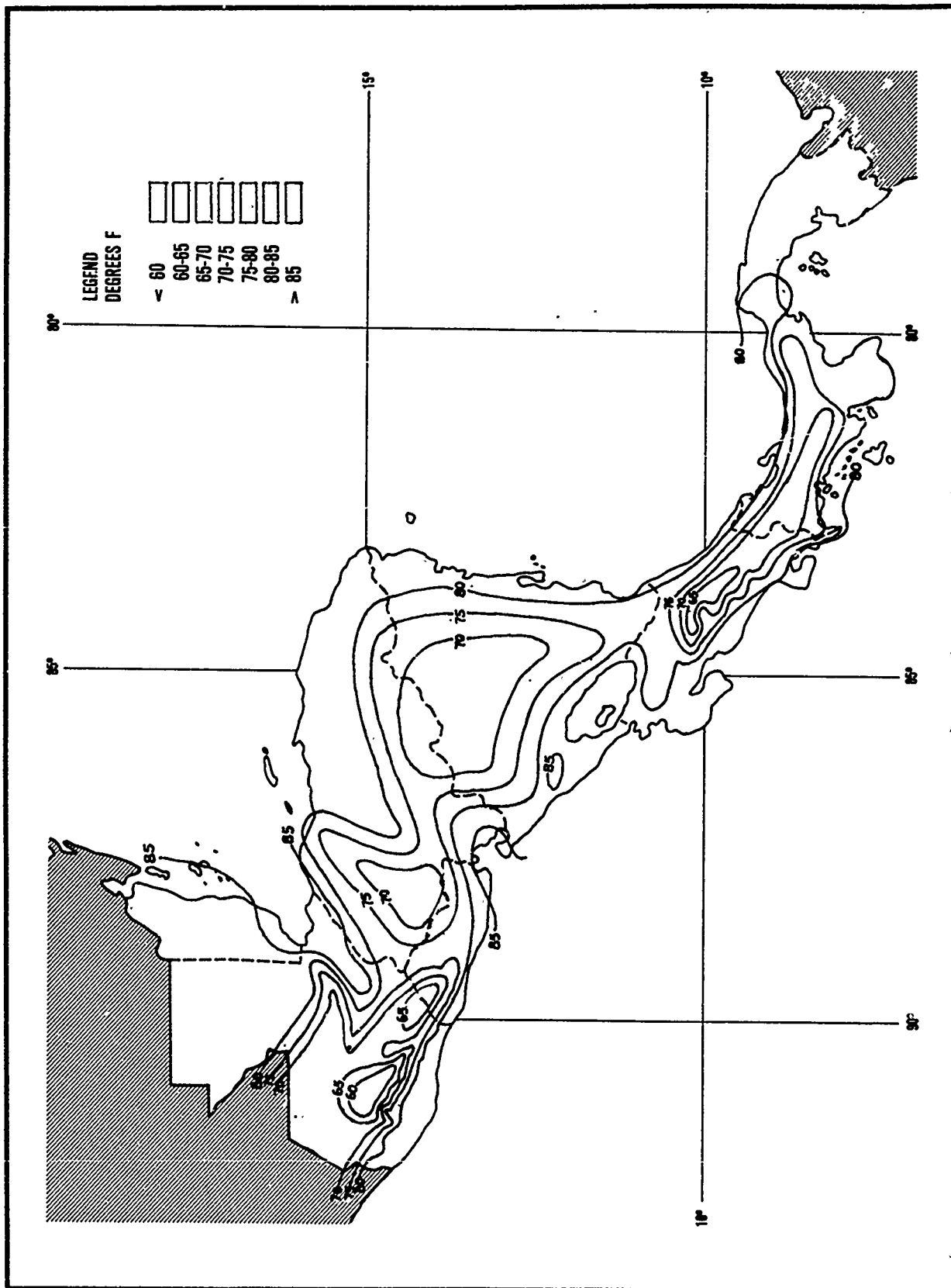


CHART A-5 Mean Monthly Temperature, May

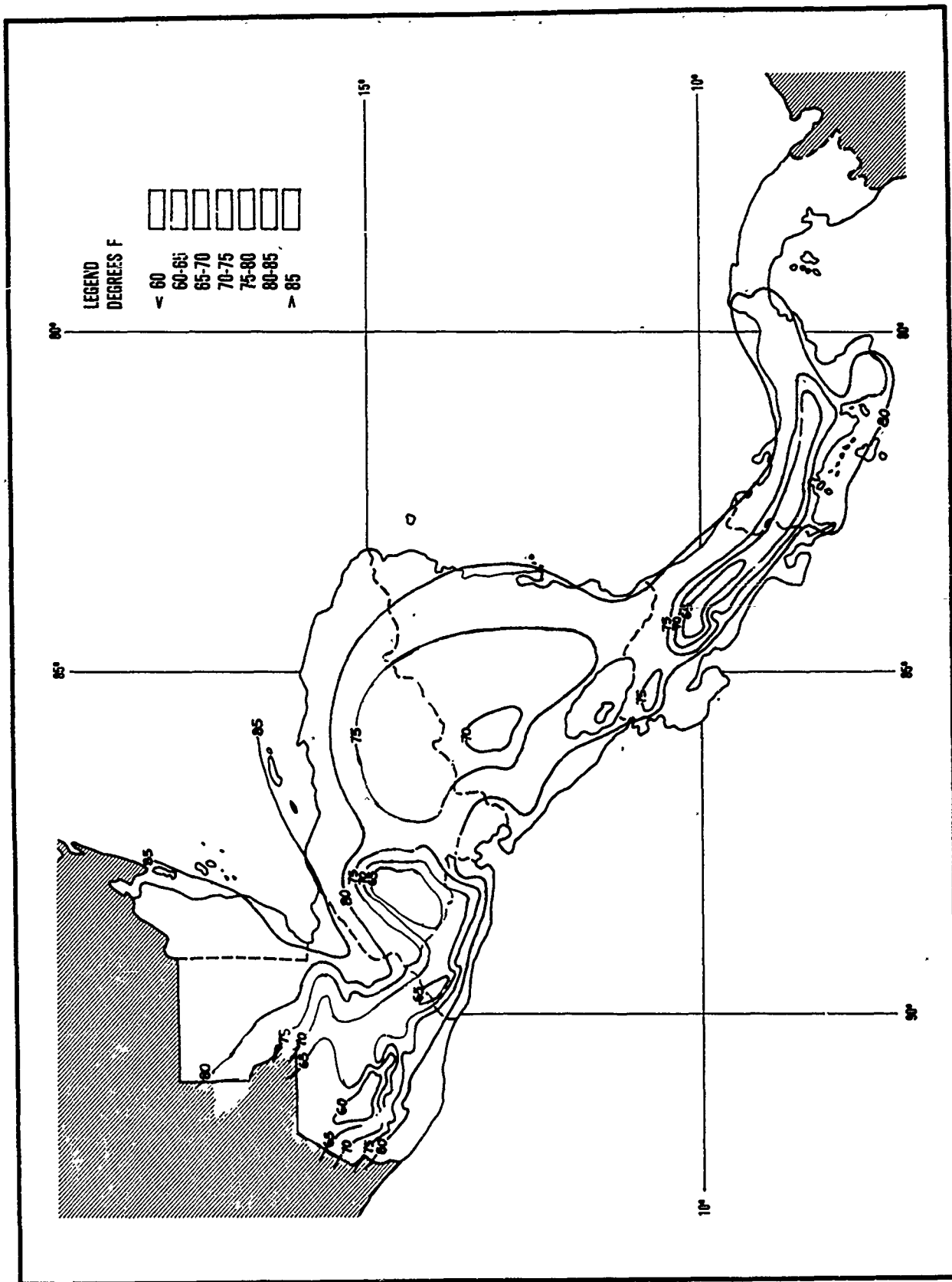


CHART A-6 Mean Monthly Temperature, August

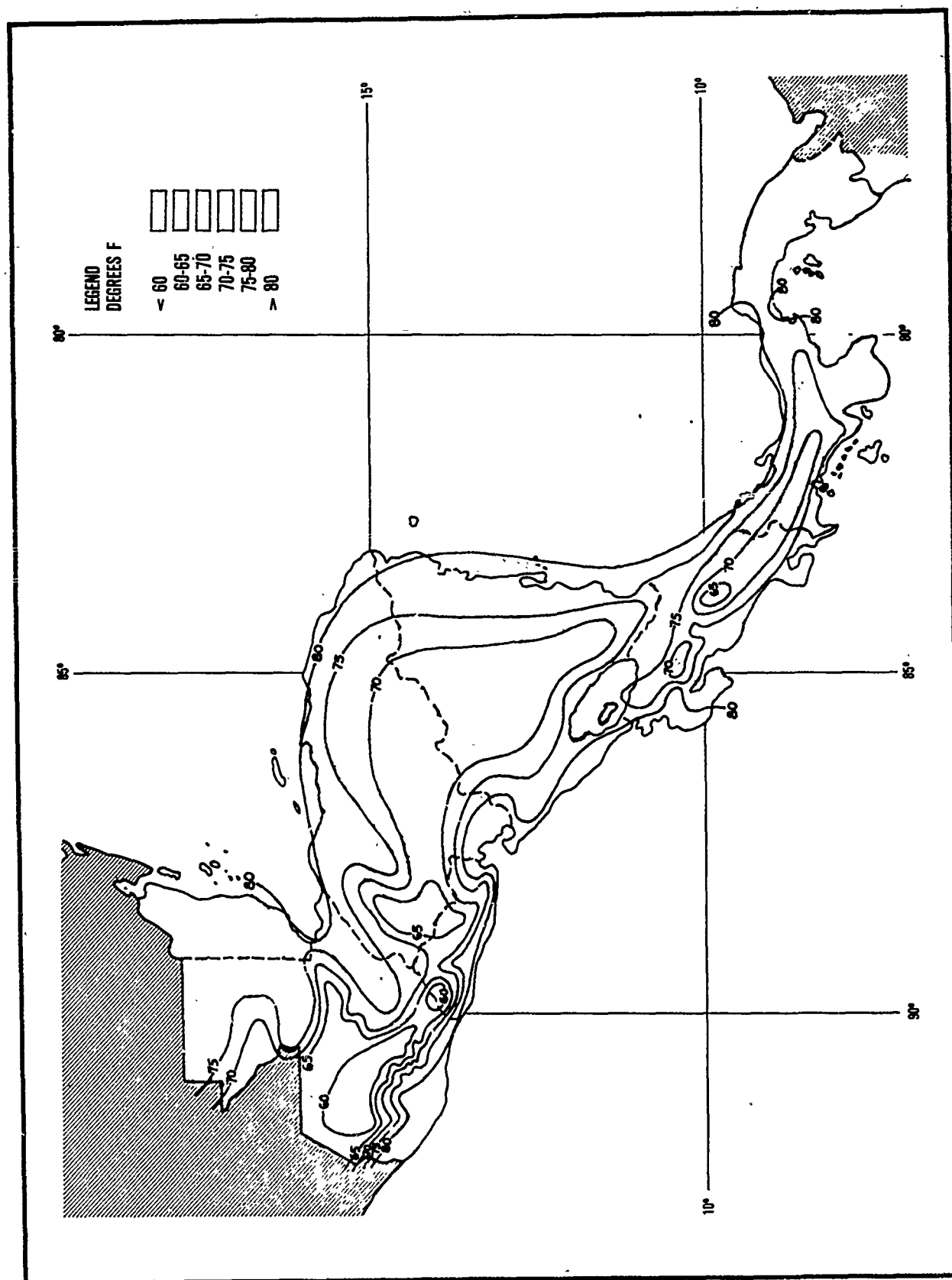


CHART A-7 Mean Monthly Temperature, November

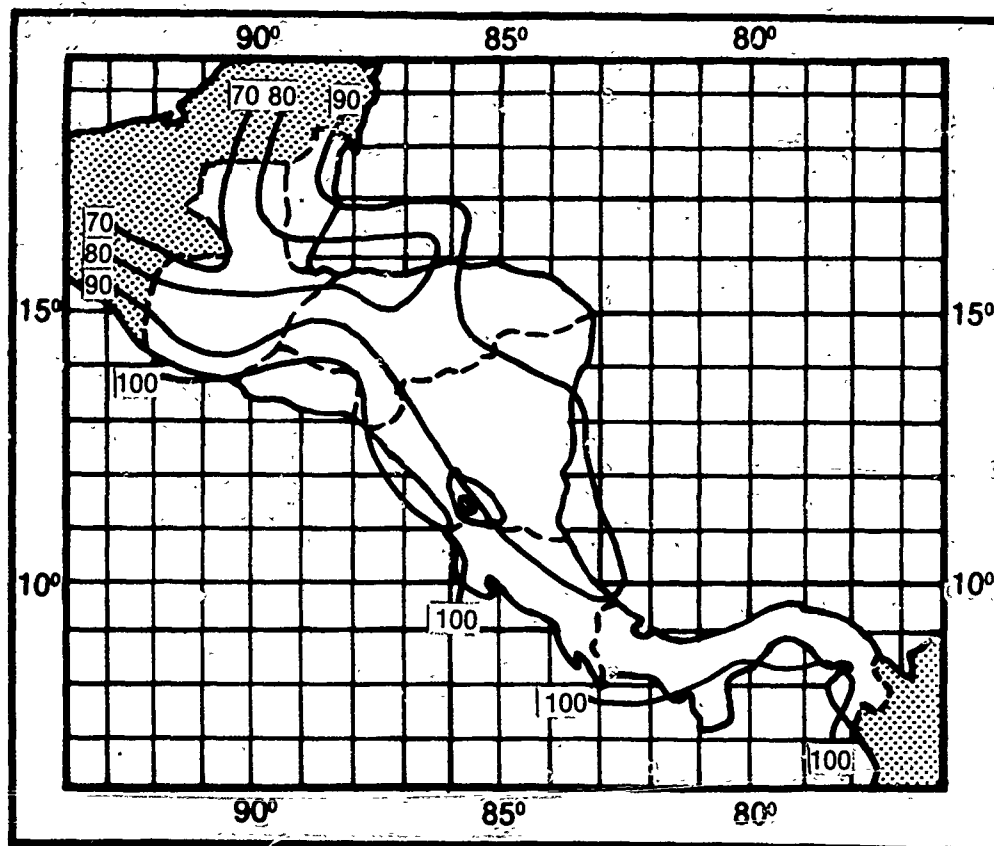


CHART A-8 Percent Frequency of Occurrence,  
Ceilings > 3,000 ft, February, 00Z

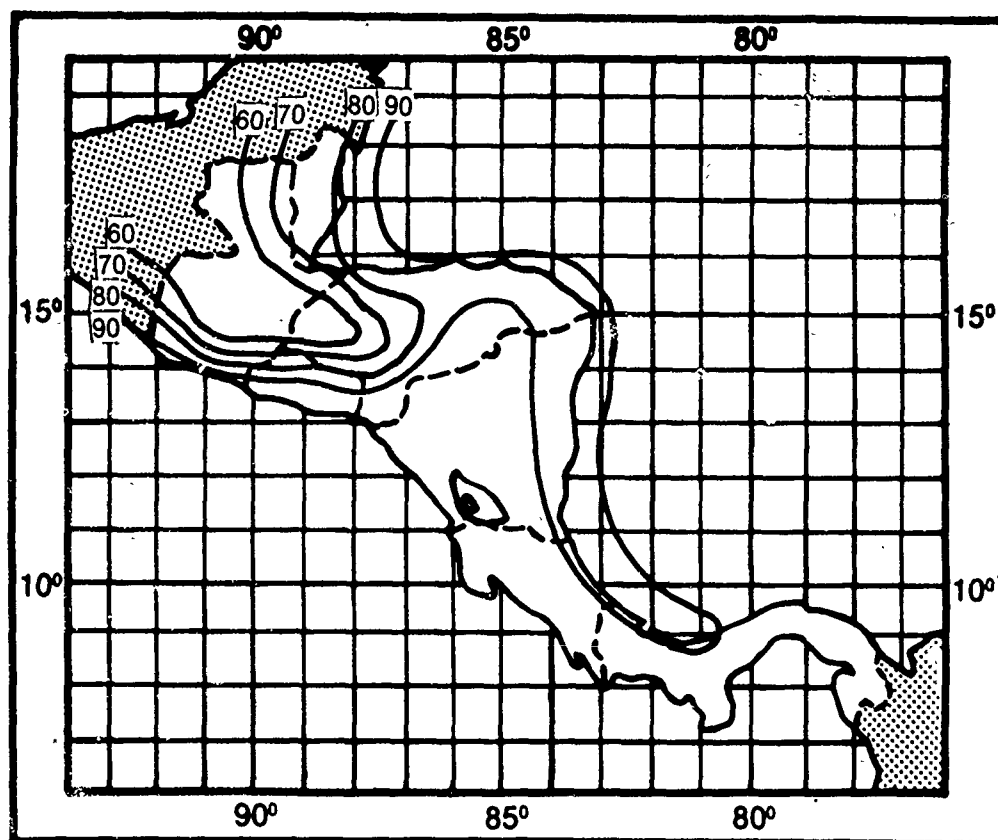


CHART A-9 Percent Frequency of Occurrence,  
Ceilings > 3,000 ft, February, 12Z

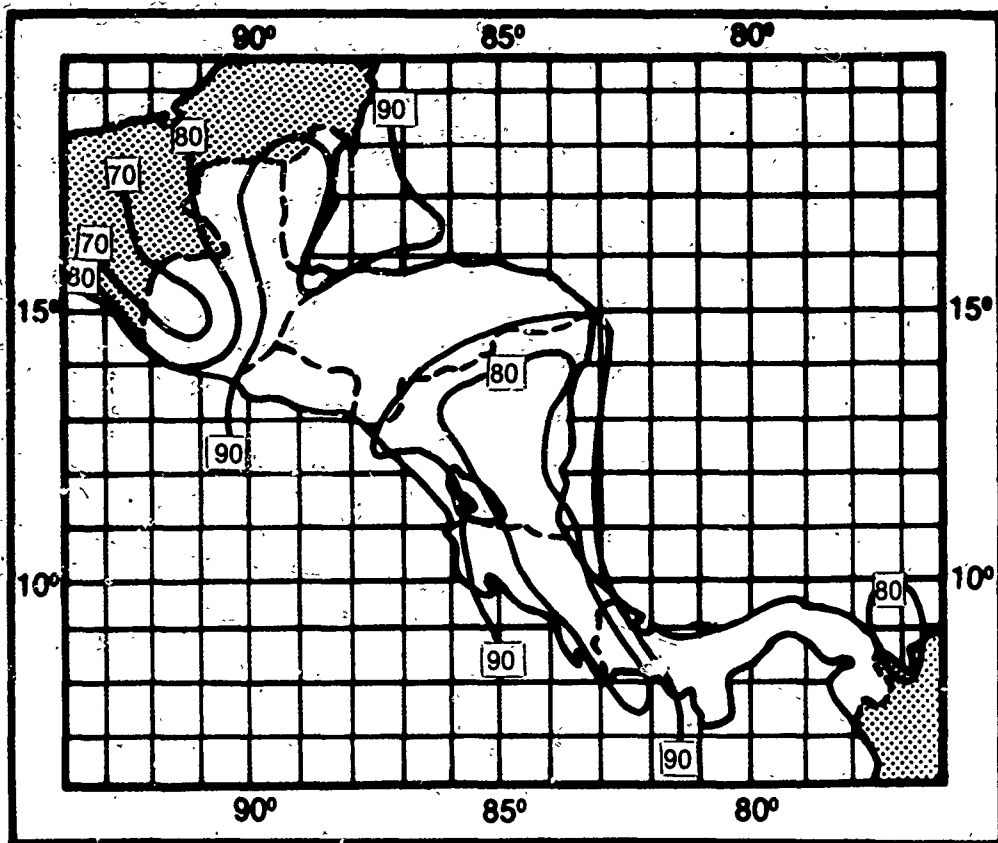


CHART A-10 Percent Frequency of Occurrence,  
Ceilings  $>$  3,000 ft, May, 00Z

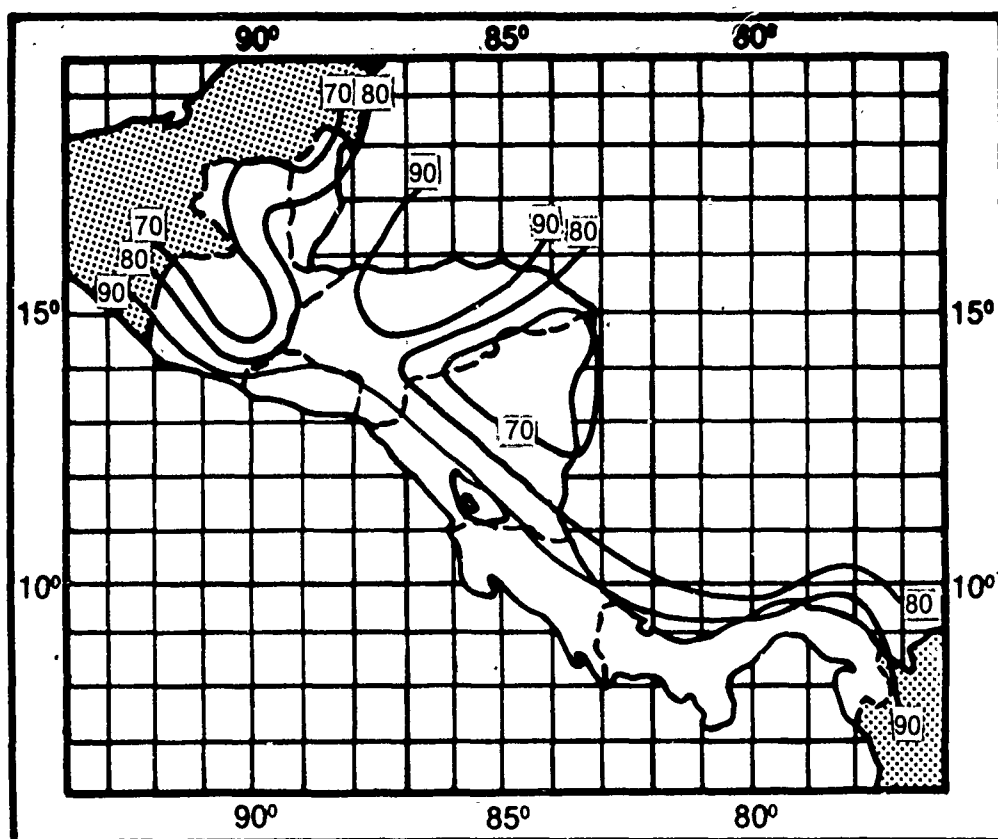


CHART A-11 Percent Frequency of Occurrence,  
Ceilings  $>$  3,000 ft, May, 12Z

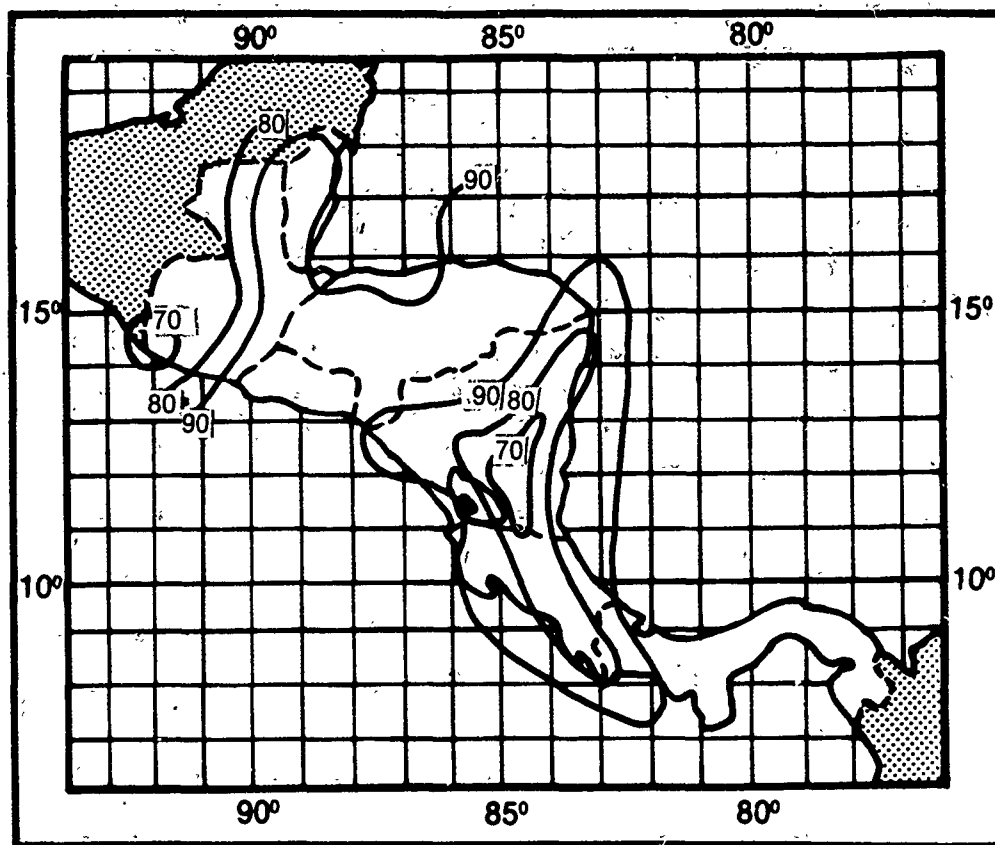


CHART A-12 Percent Frequency of Occurrence,  
Ceilings  $>$  3,000 ft, August, 00Z

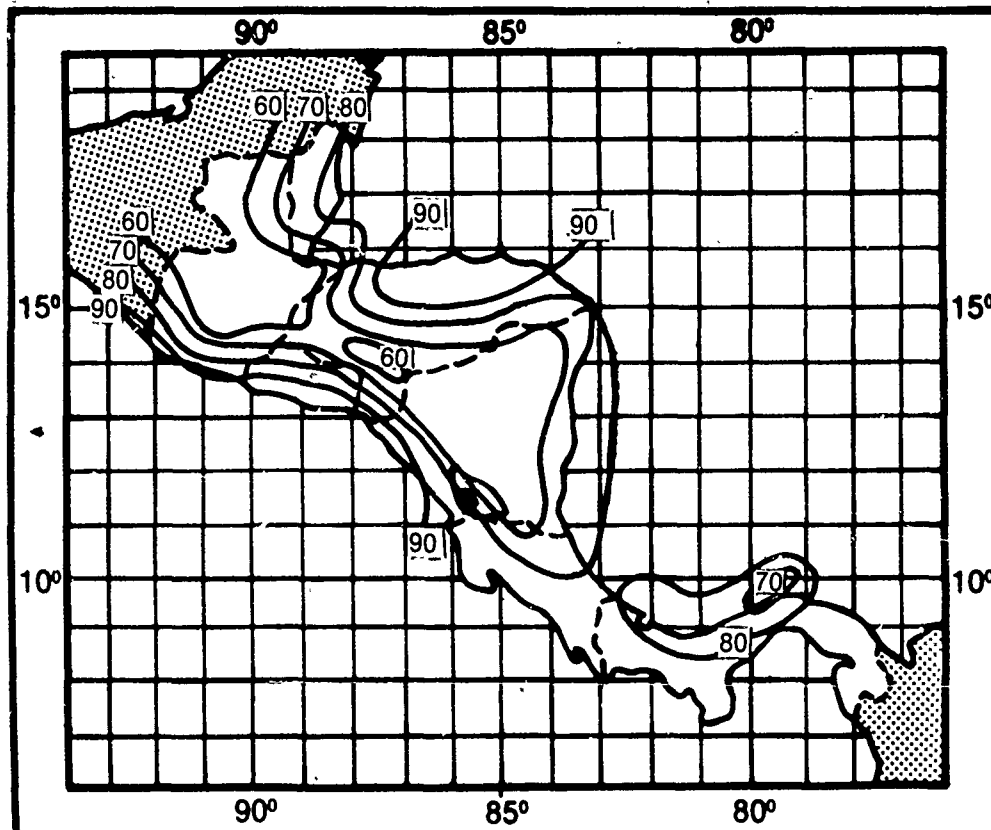


CHART A-13 Percent Frequency of Occurrence,  
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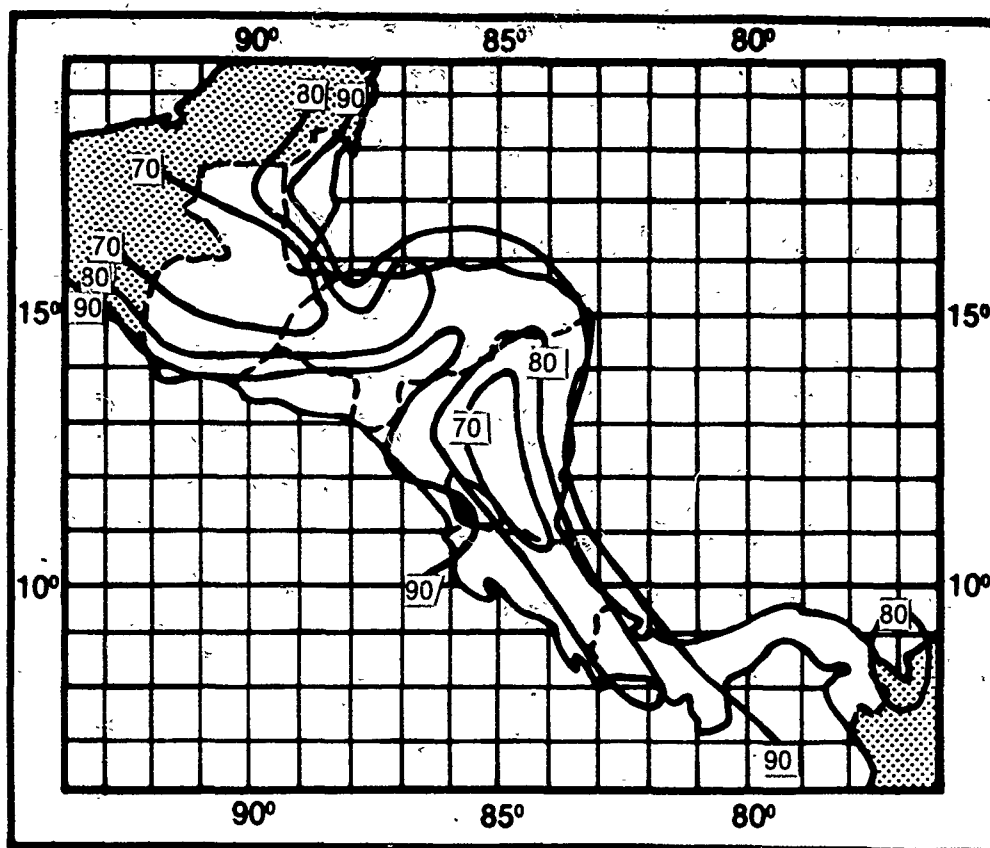


CHART A-14 Percent Frequency of Occurrence,  
Ceilings > 3,000 ft, November, 00Z

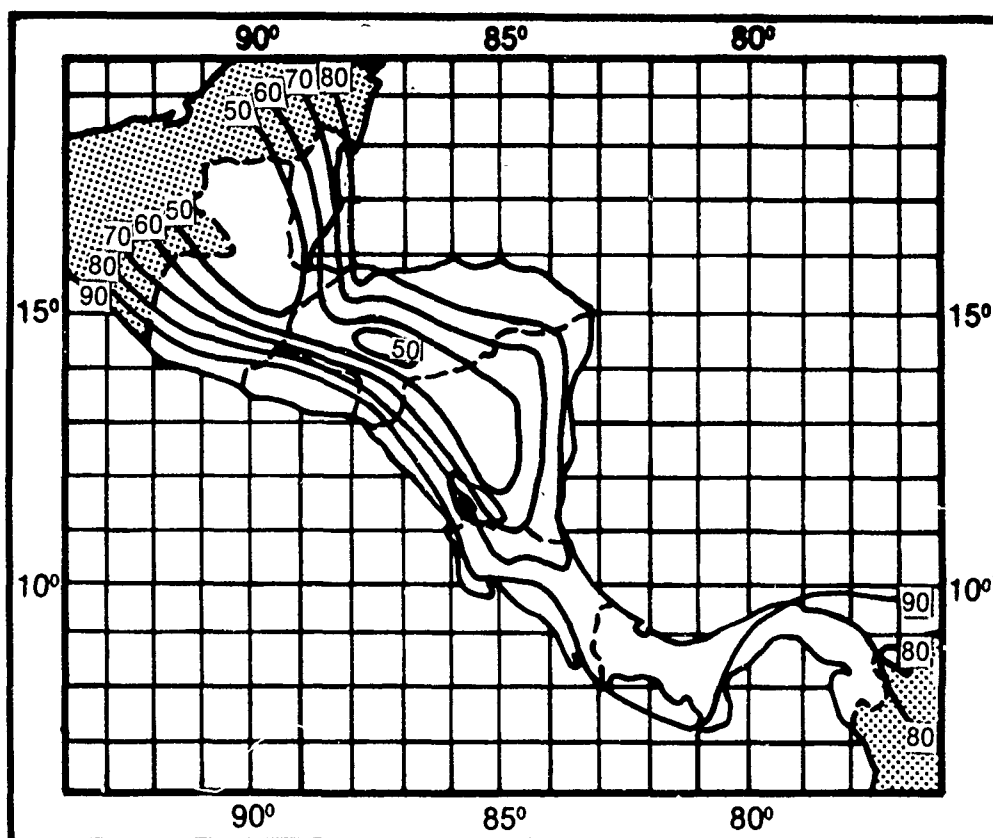


CHART A-15 Percent Frequency of Occurrence,  
Ceilings > 3,000 ft, November, 12Z

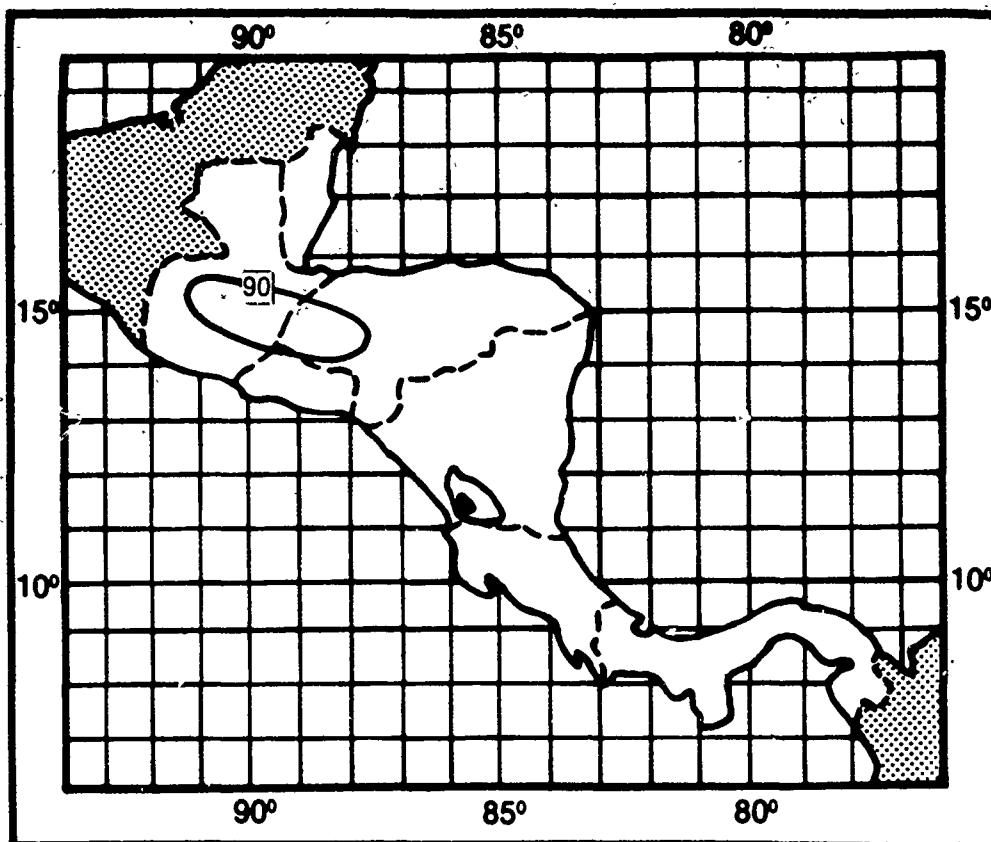


CHART A-16 Percent Frequency of Occurrence,  
Visibility > 3 Miles, February, 00Z

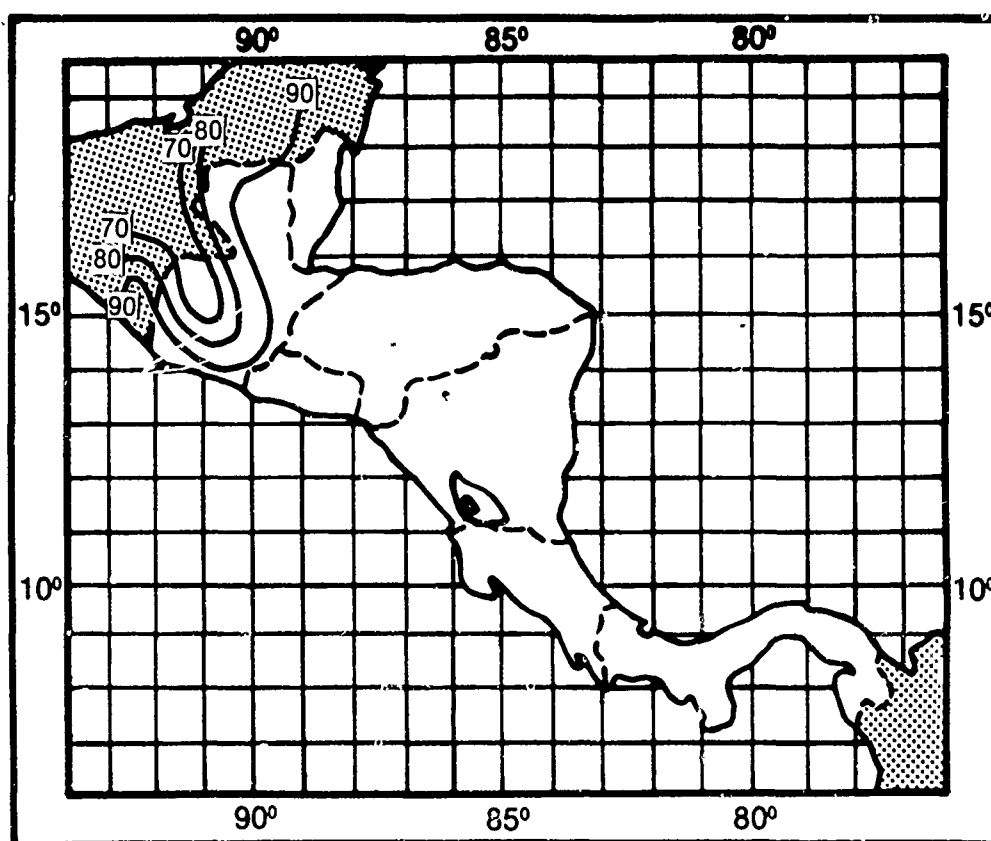


CHART A-17 Percent Frequency of Occurrence,  
Visibility > 3 Miles, February, 12Z

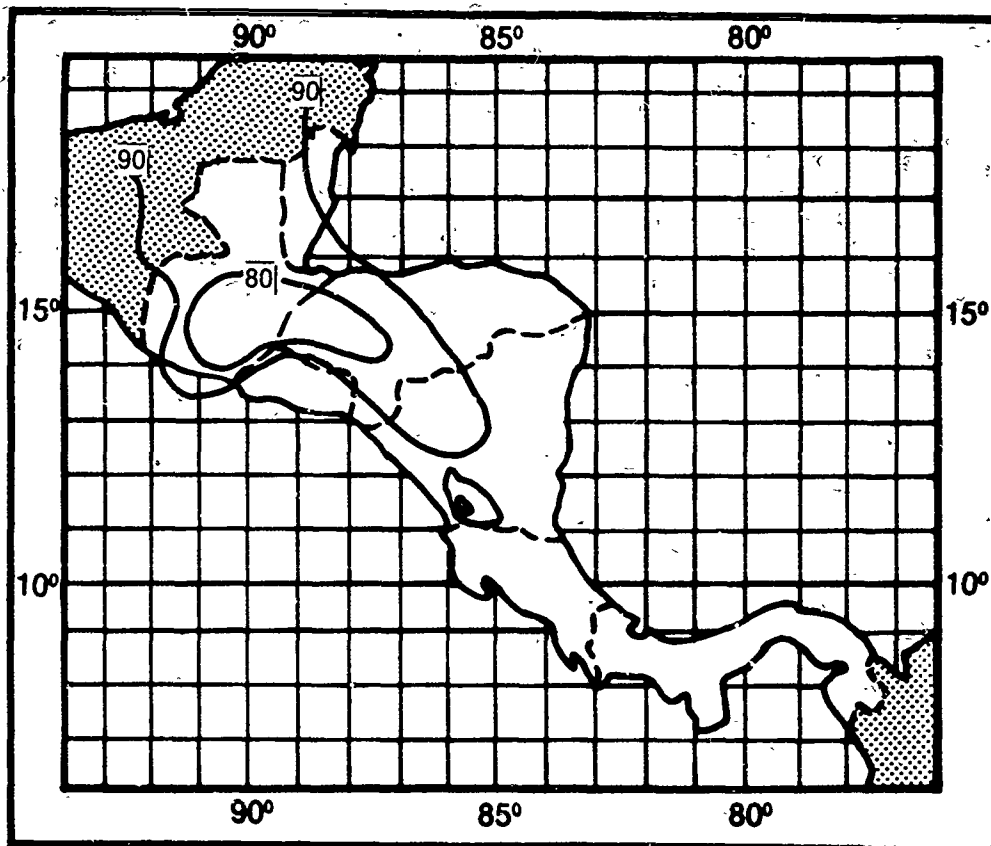


CHART A-18 Percent Frequency of Occurrence,  
Visibility > 3 Miles, May, 00Z

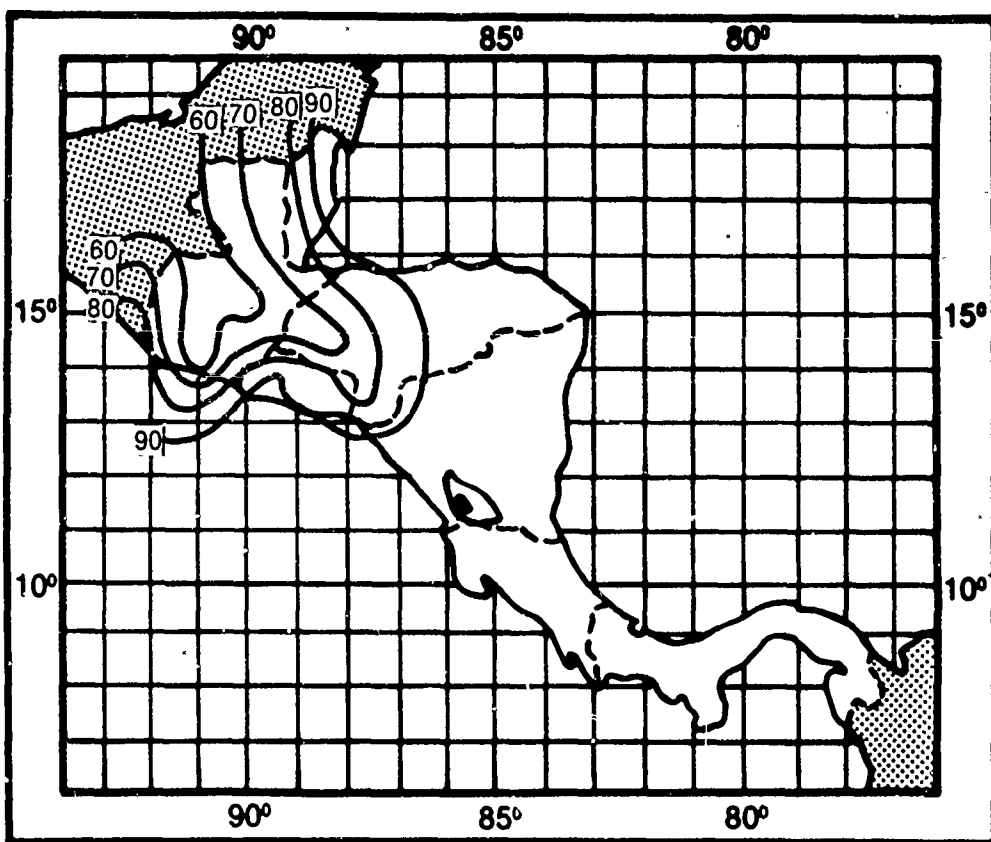


CHART A-19 Percent Frequency of Occurrence,  
Visibility > 3 Miles, May, 12Z

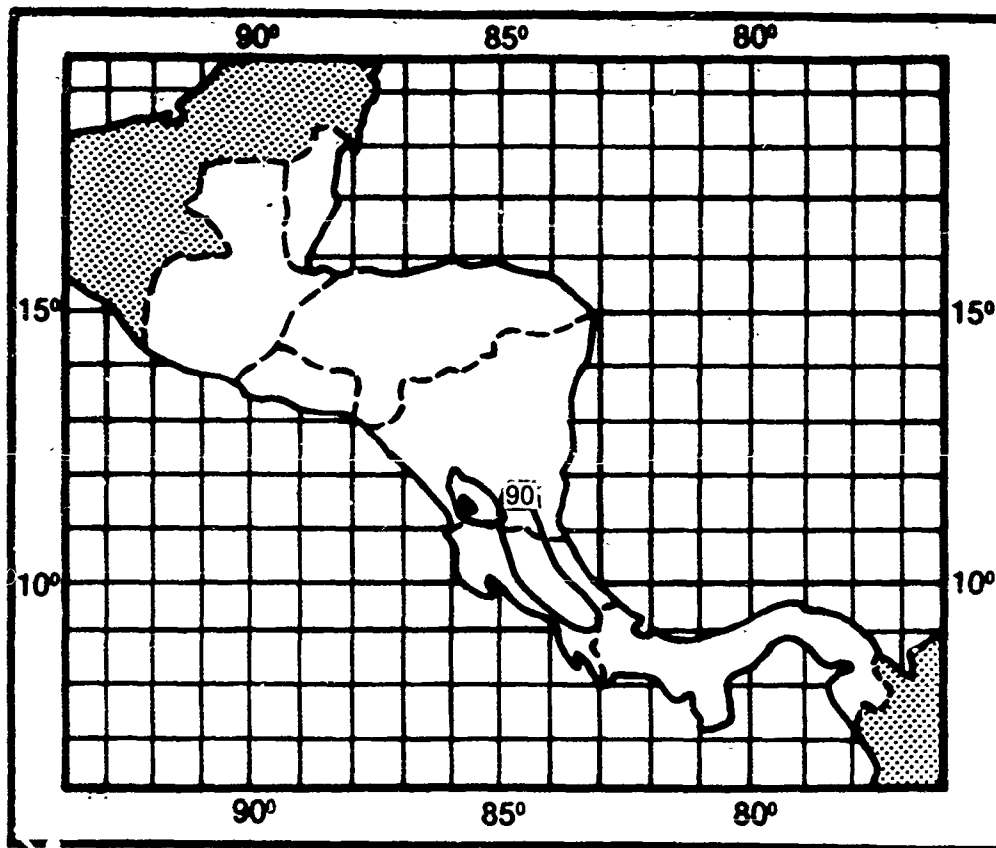


CHART A-20 Percent Frequency of Occurrence,  
Visibility > 3 Miles, August, 00Z

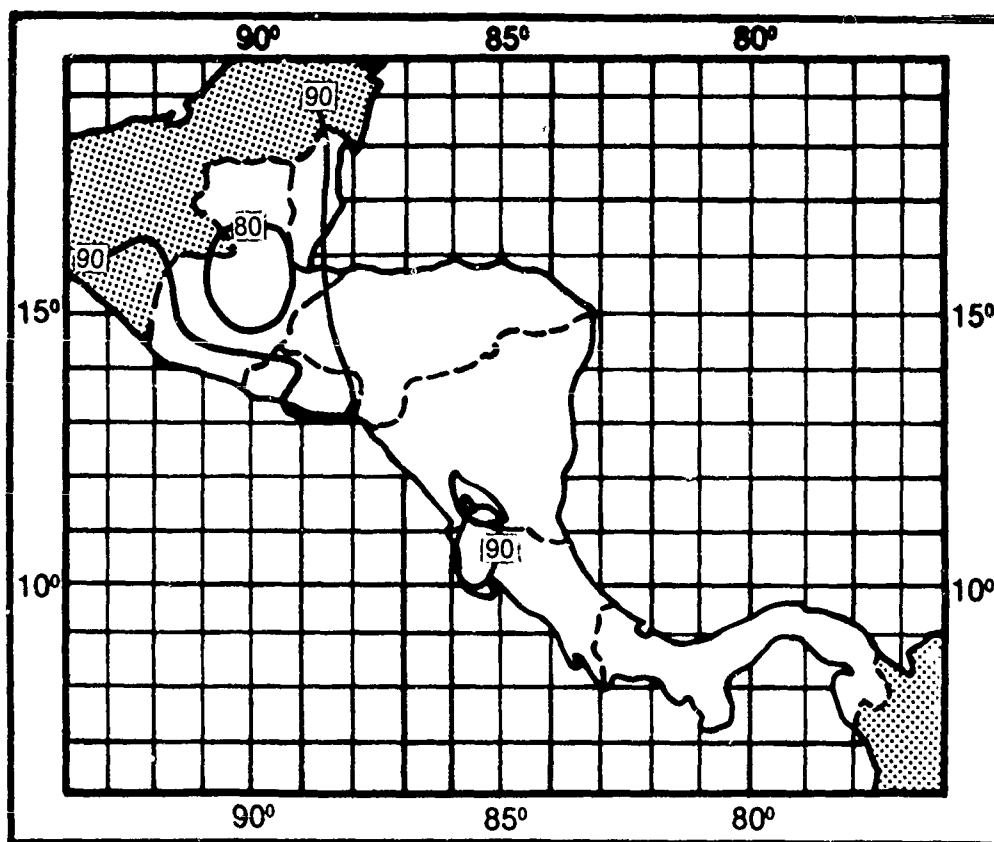


CHART A-21 Percent Frequency of Occurrence,  
Visibility > 3 Miles, August, 12Z

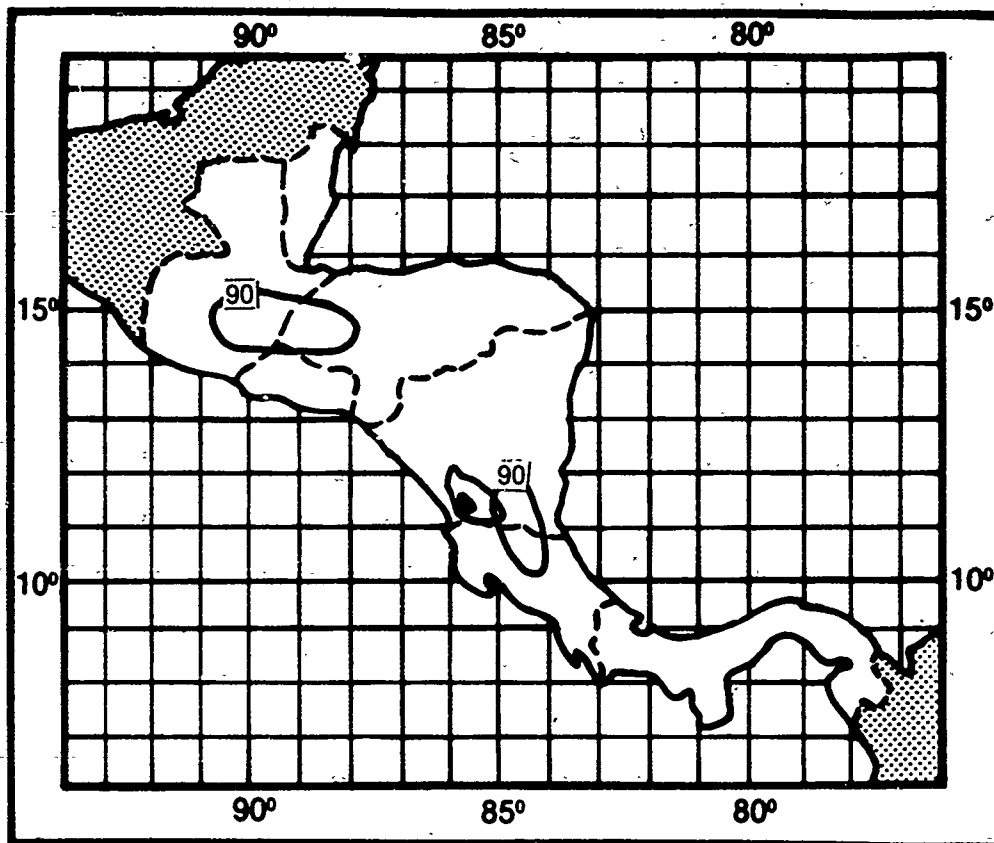


CHART A-22 Percent Frequency of Occurrence,  
Visibility  $>$  3 Miles, November, 00Z

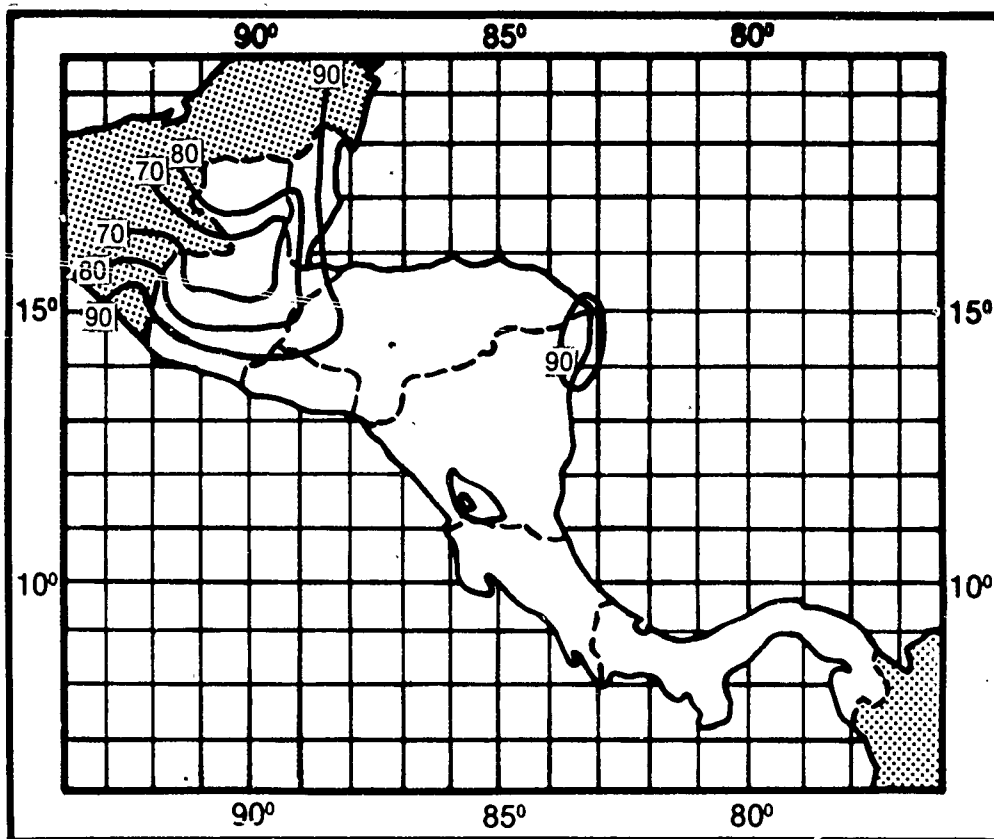


CHART A-23 Percent Frequency of Occurrence,  
Visibility  $>$  3 Miles, November, 12Z

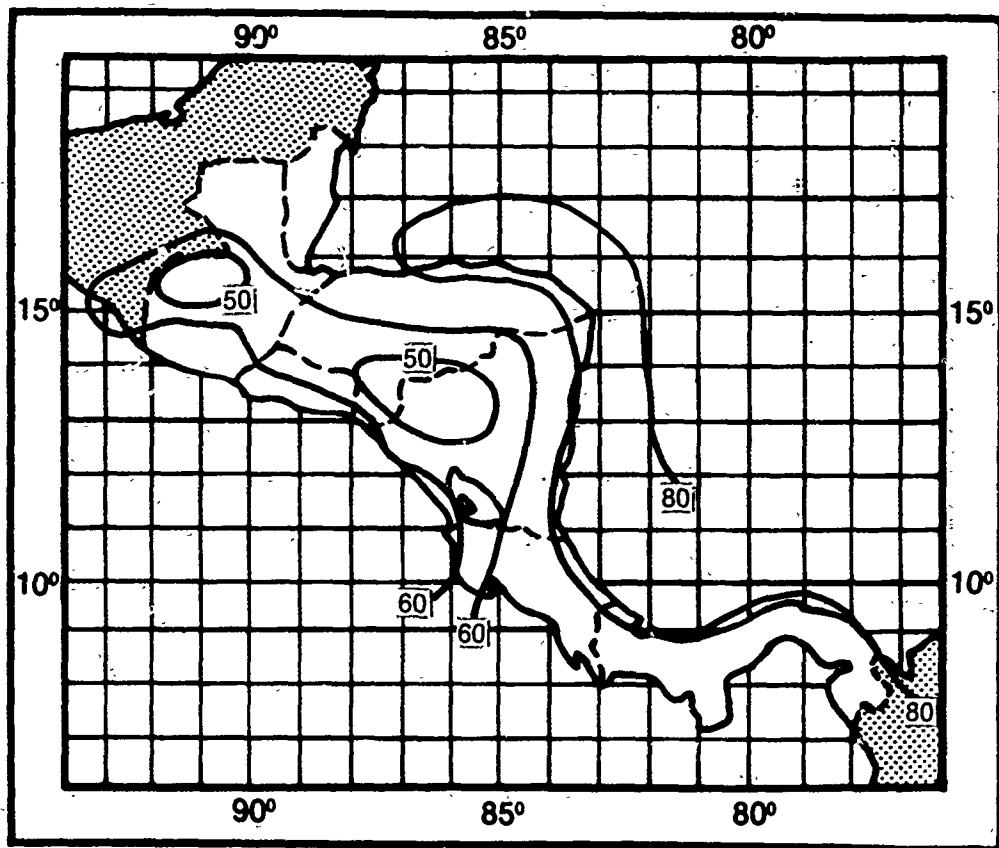


CHART A-24 Mean Relative Humidity, February, 00Z

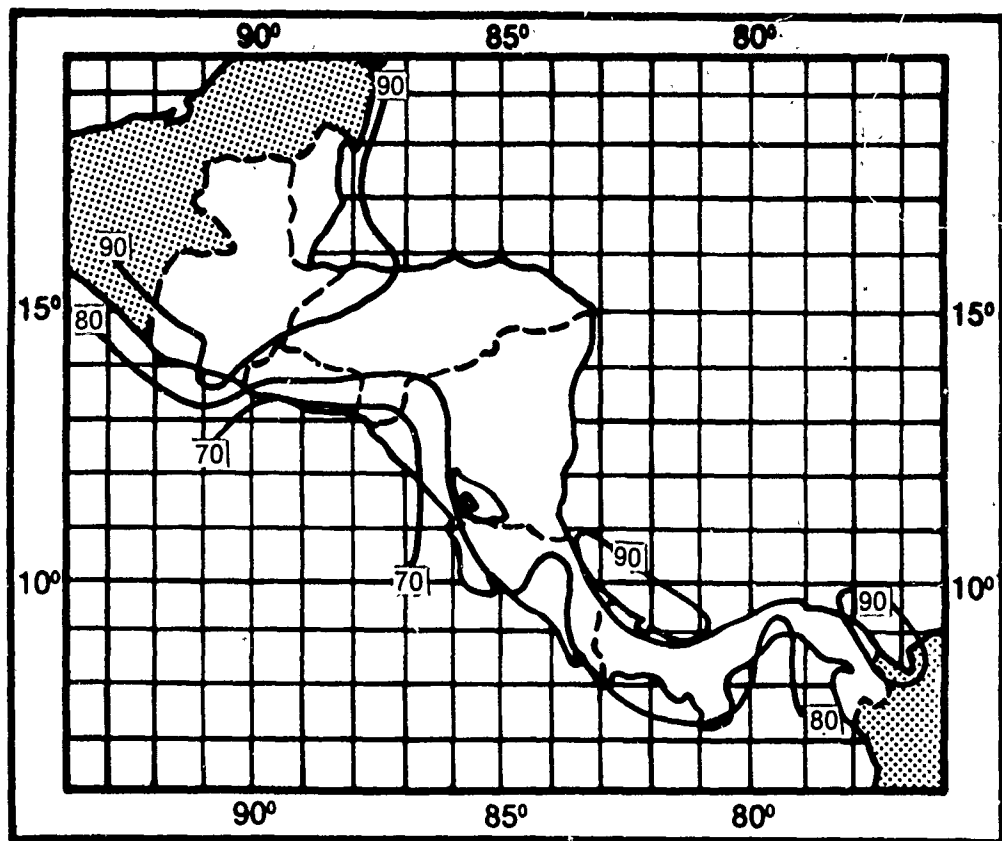


CHART A-25 Mean Relative Humidity, February, 12Z

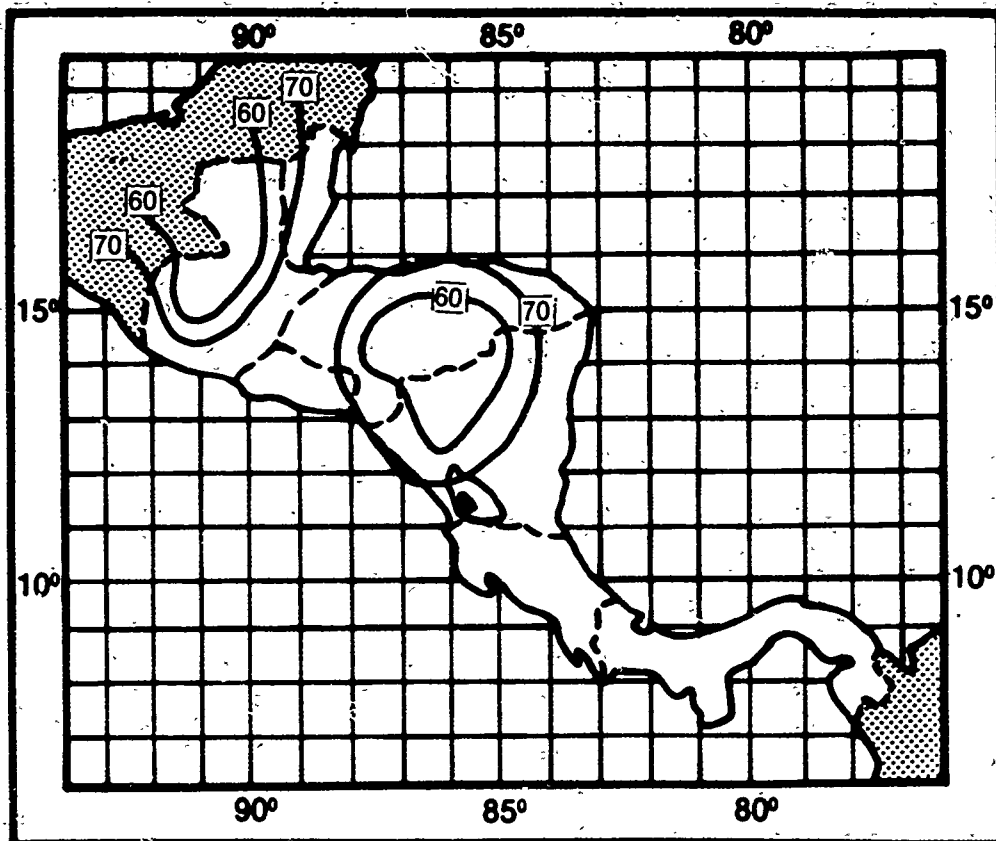


CHART A-26 Mean Relative Humidity, May, 00Z

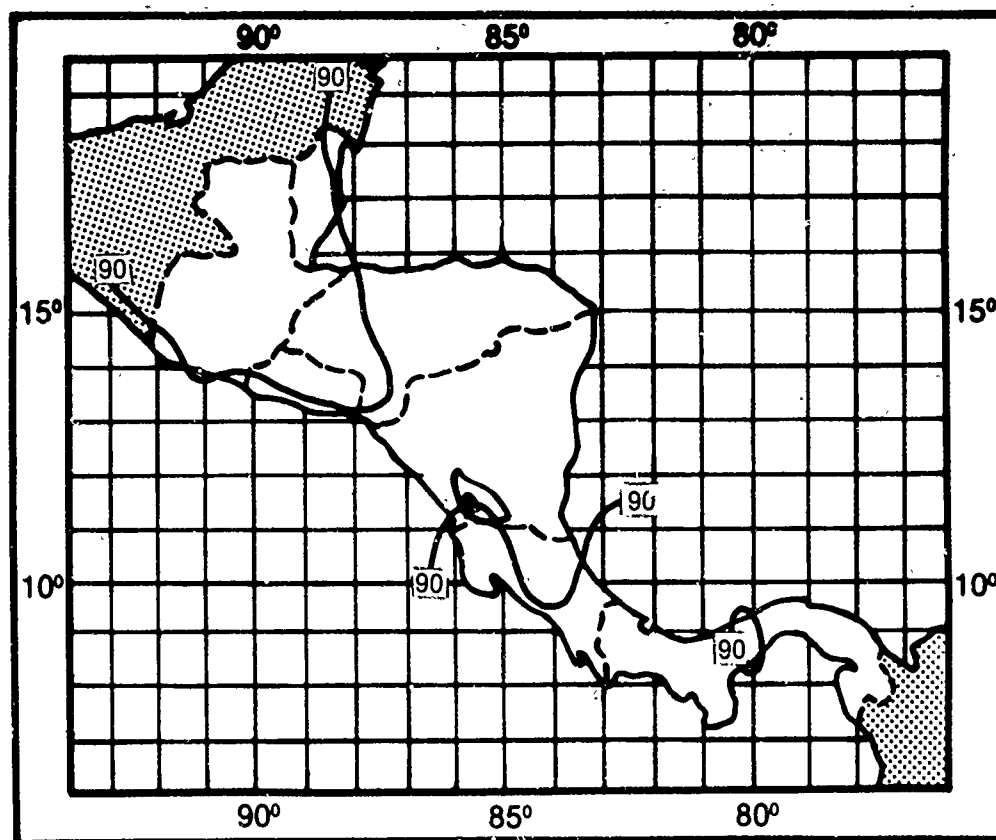


CHART A-27 Mean Relative Humidity, May, 12Z

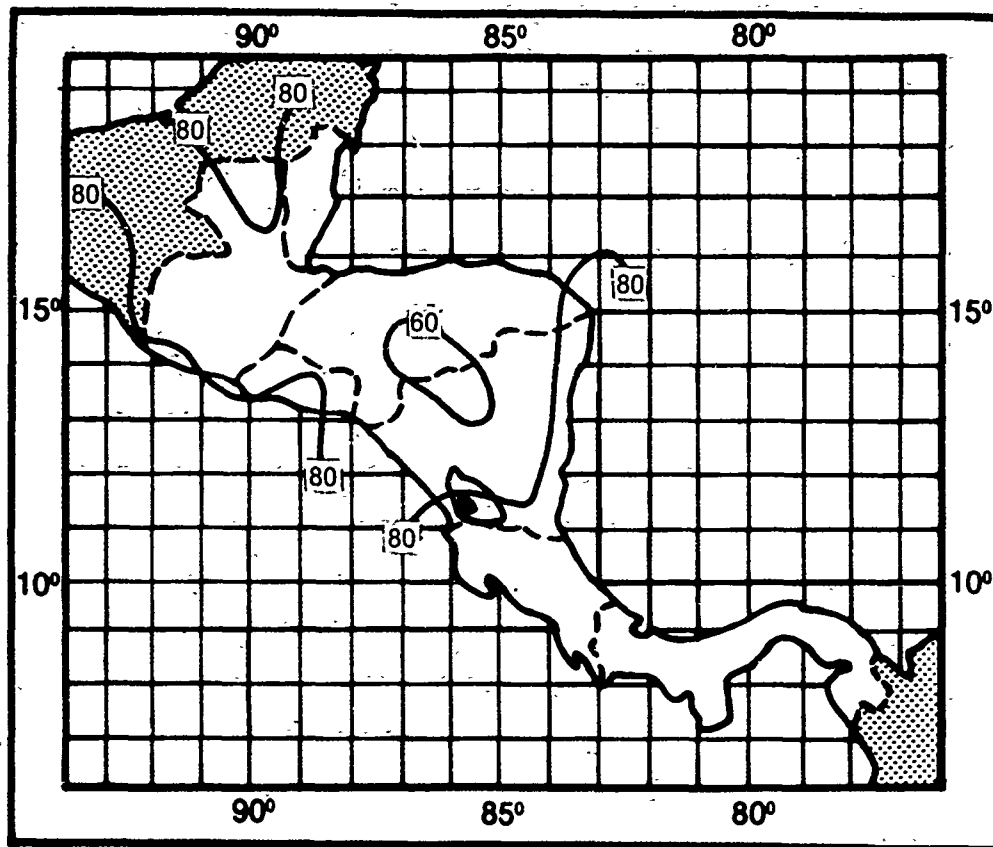


CHART A-28 Mean Relative Humidity, August, 00Z

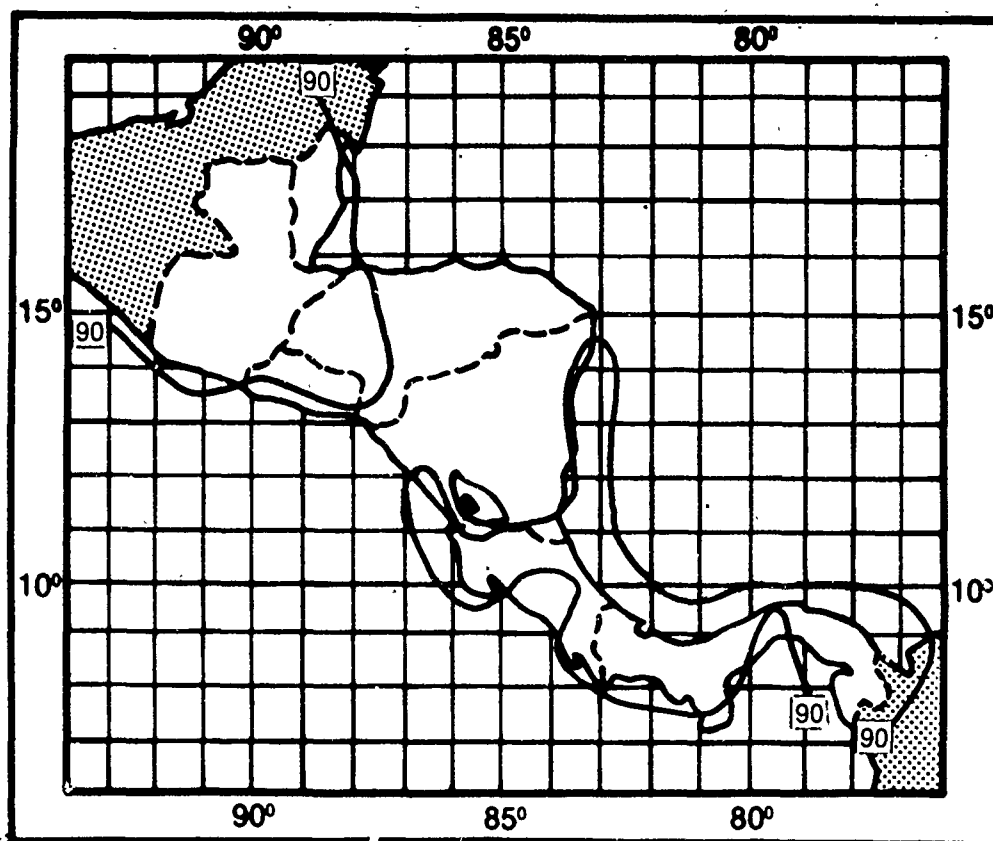


CHART A-29 Mean Relative Humidity, August, 12Z

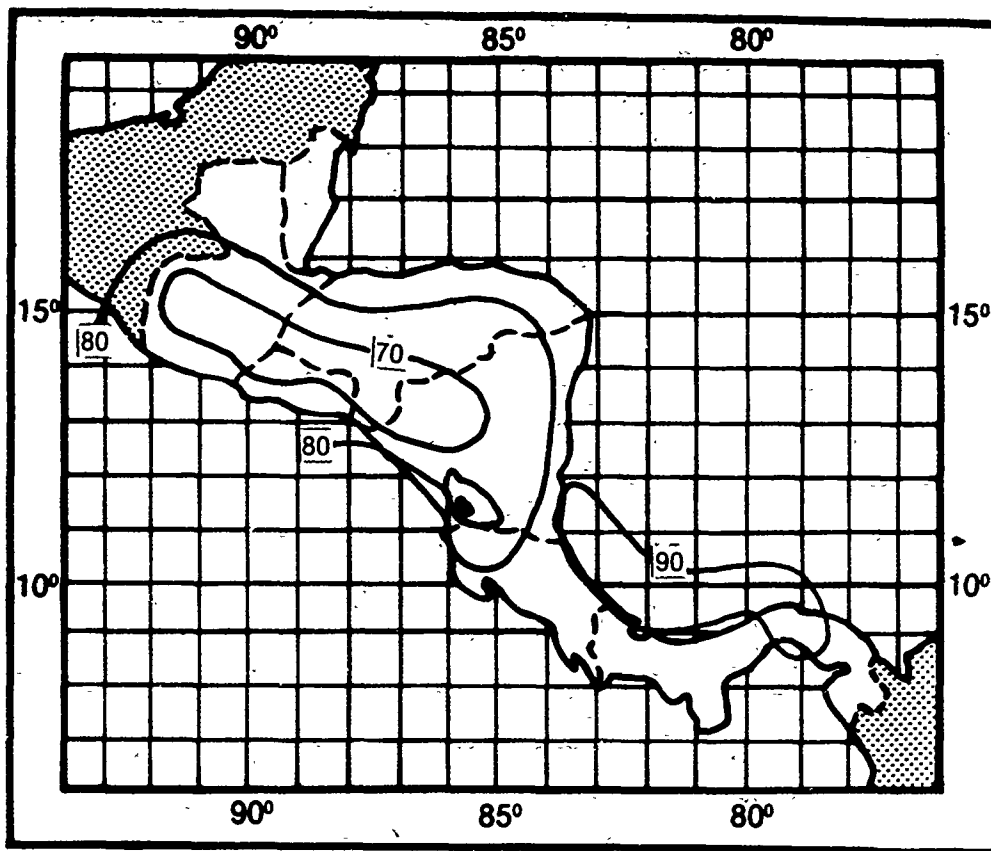


CHART A-30 Mean Relative Humidity, November, 00Z

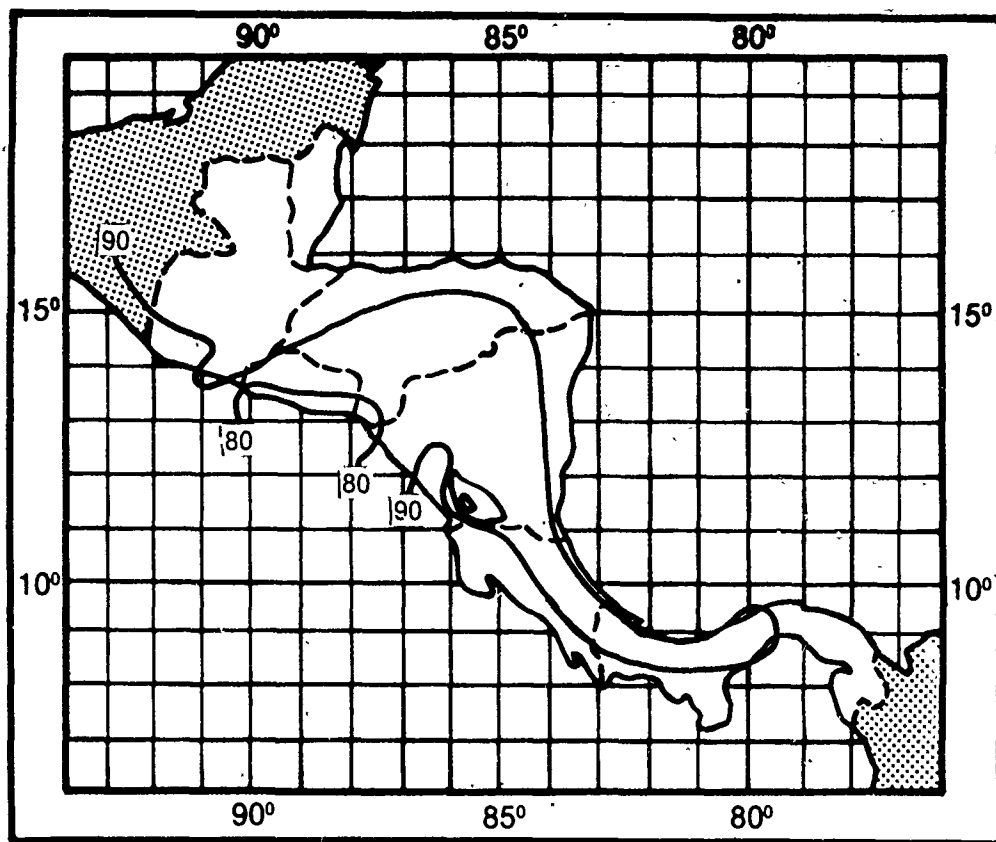


CHART A-31 Mean Relative Humidity, November, 12Z

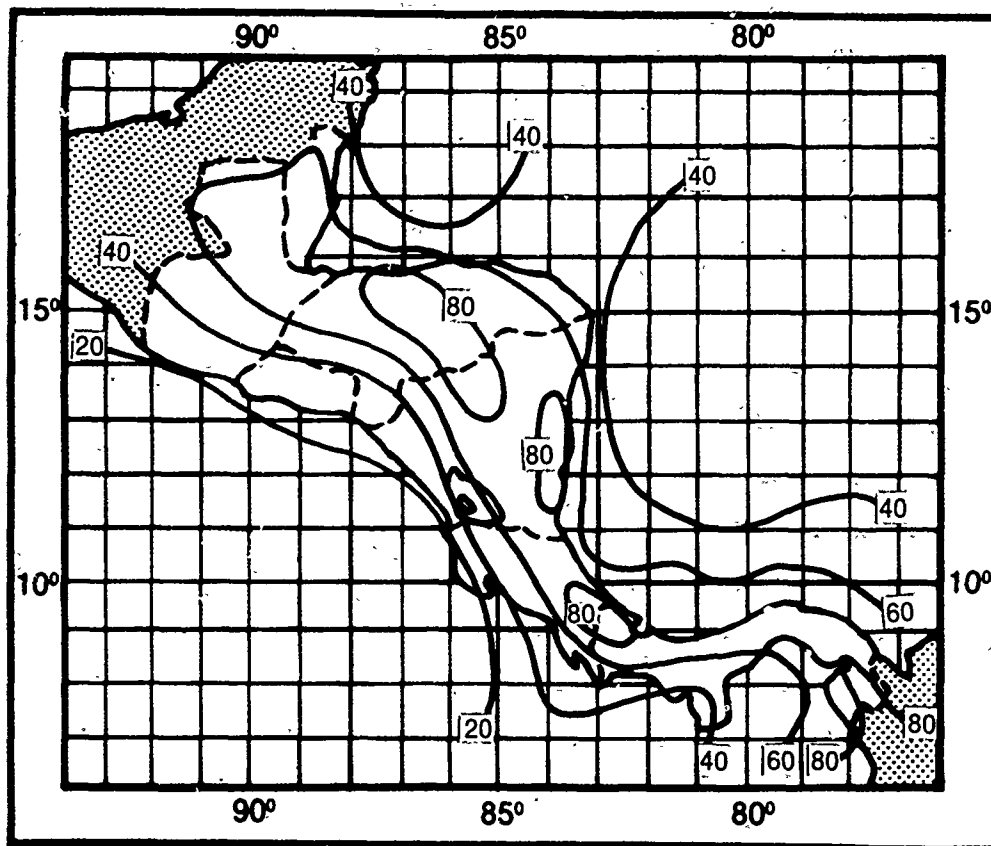


CHART A-32 Percent of Time Total Sky Cover  $\geq$  6/10, February, 18Z

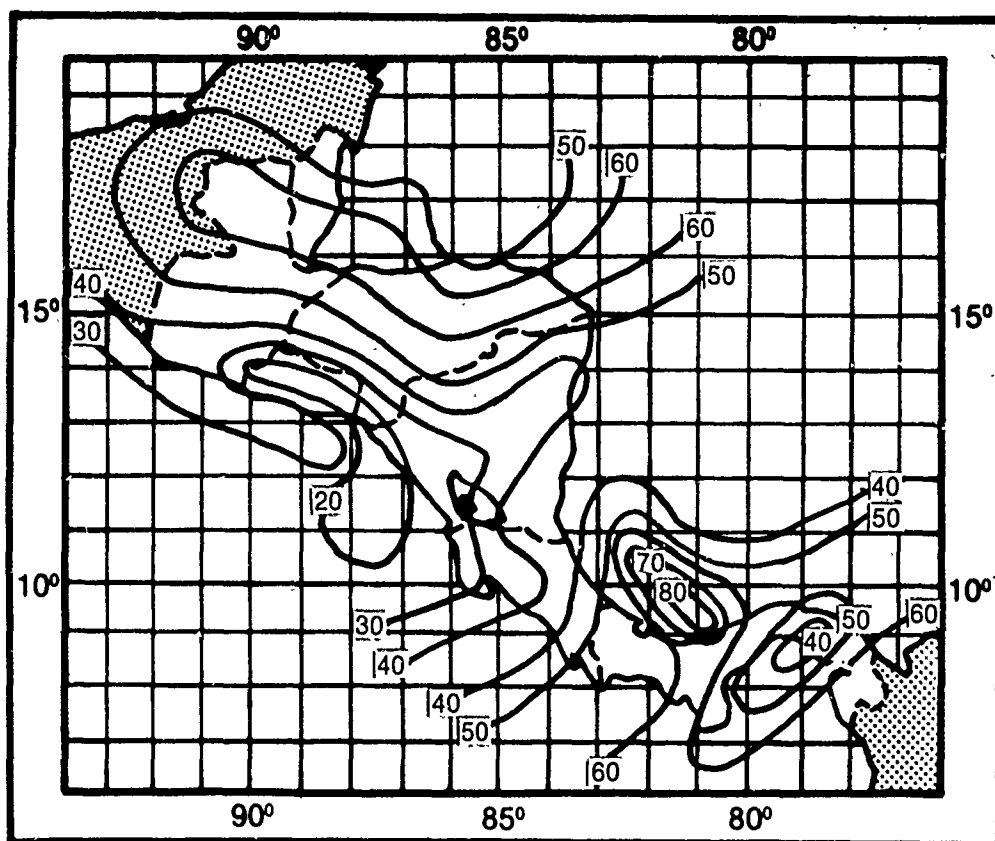


CHART A-33 Percent of Time Total Sky Cover  $\geq$  6/10, February, 06Z

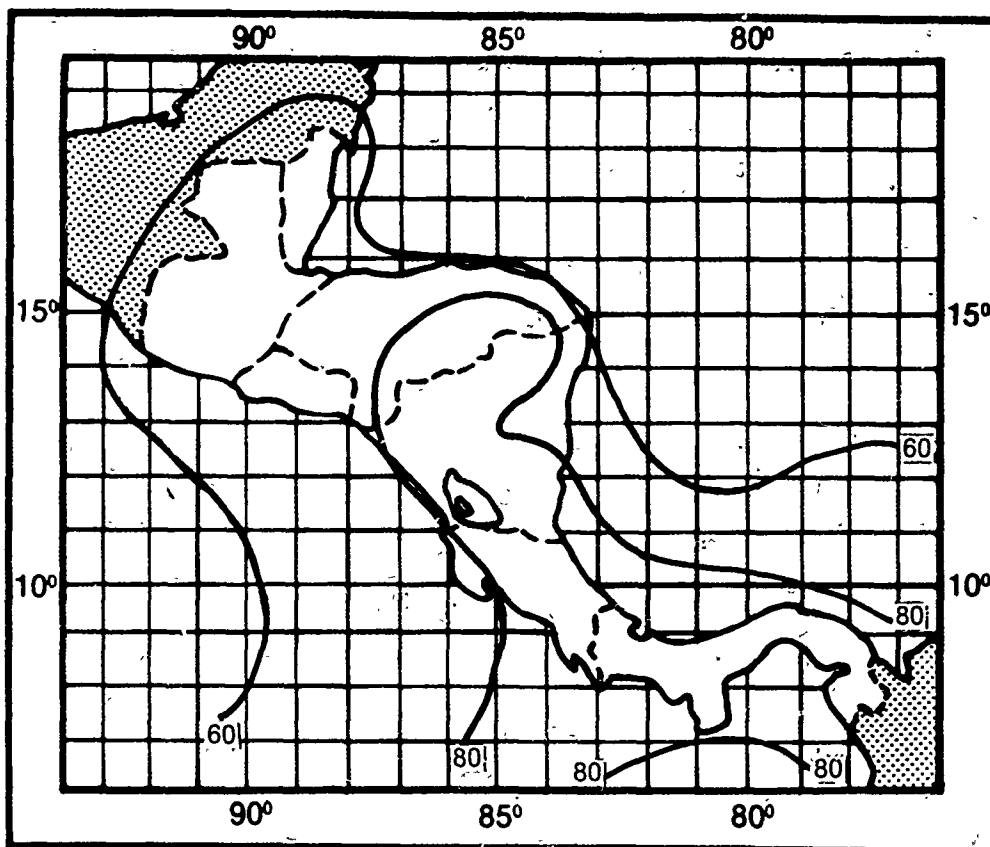


CHART A-34 Percent of Time Total Sky Cover  $\geq$  6/10,  
May, 18Z

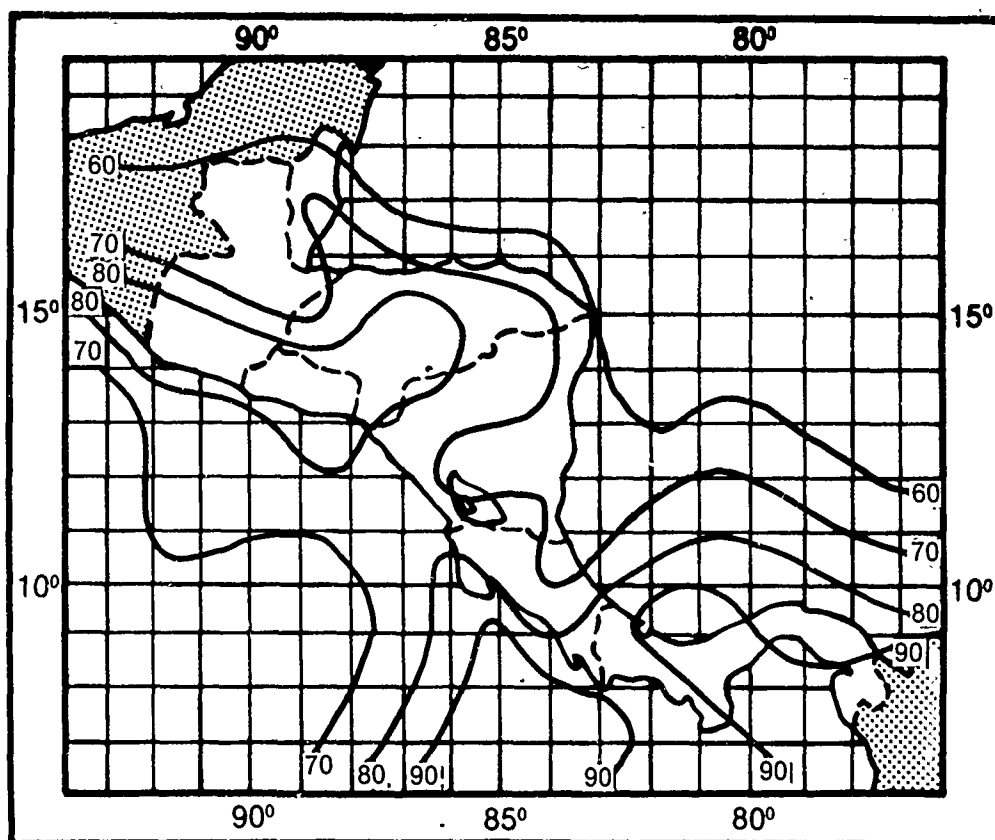


CHART A-35 Percent of Time Total Sky Cover  $\geq$  6/10,  
May, 06Z

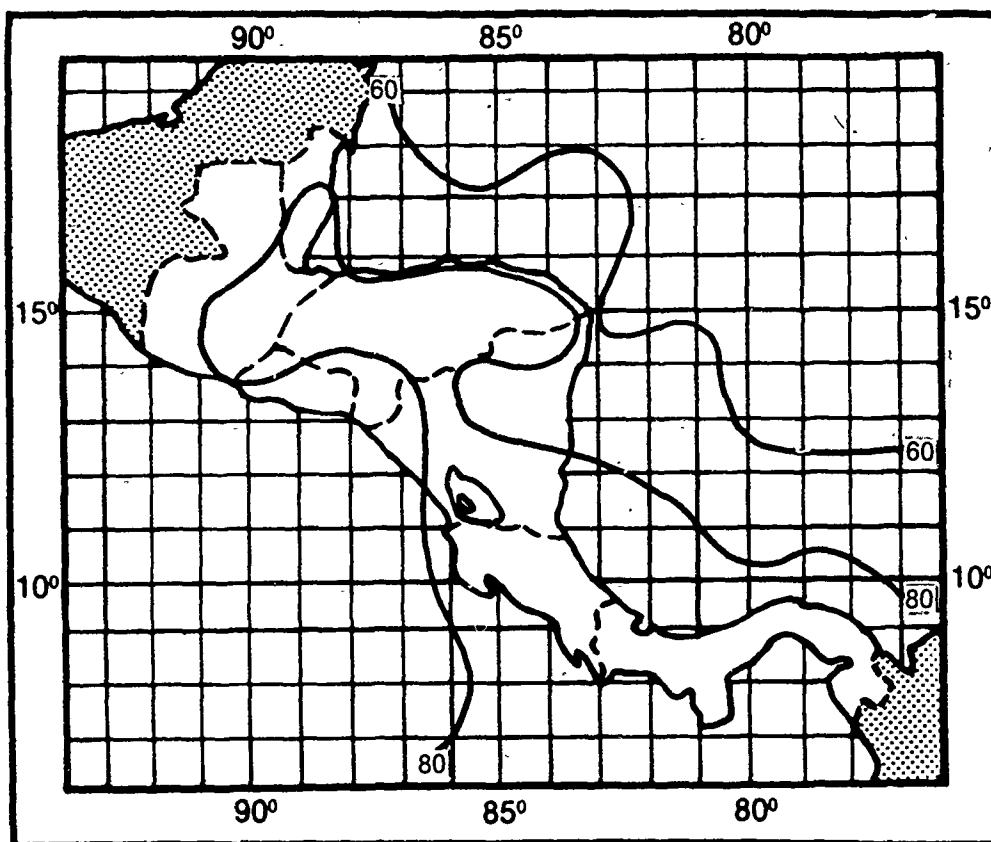


CHART A-36 Percent of Time Total Sky Cover  $\geq$  6/10,  
August, 18Z

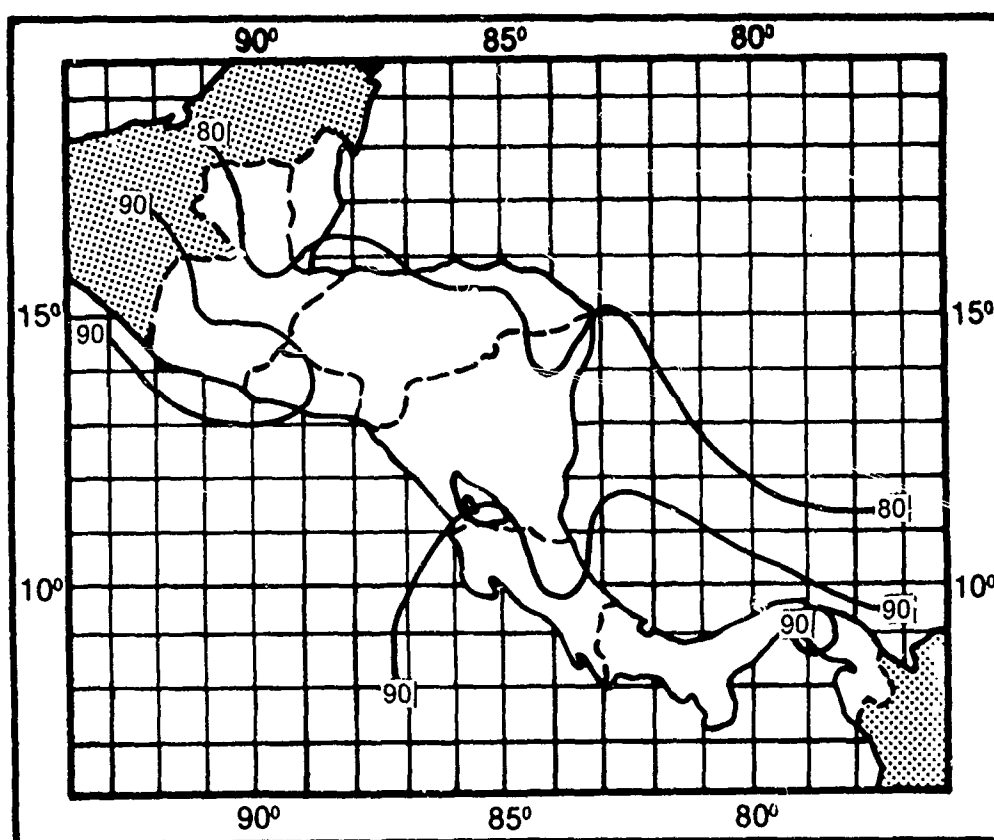


CHART A-37 Percent of Time Total Sky Cover  $\geq$  6/10,  
August, 06Z

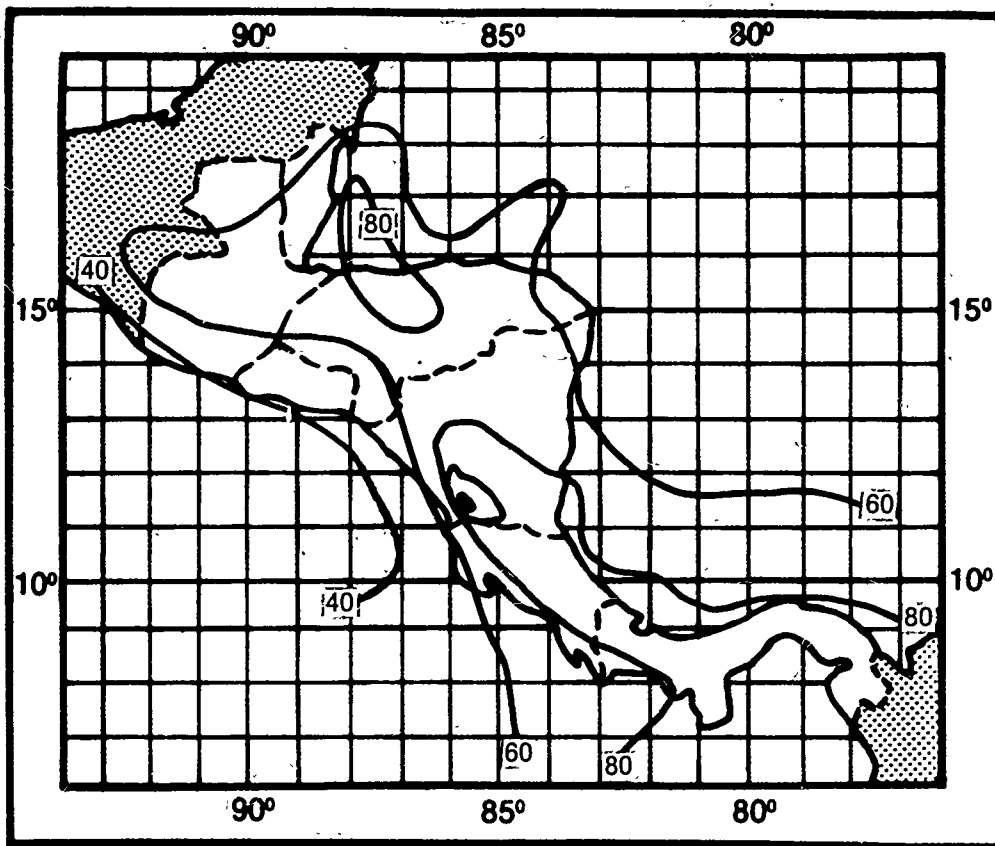


CHART A-38 Percent of Time Total Sky Cover  $\geq$  6/10, November, 18Z

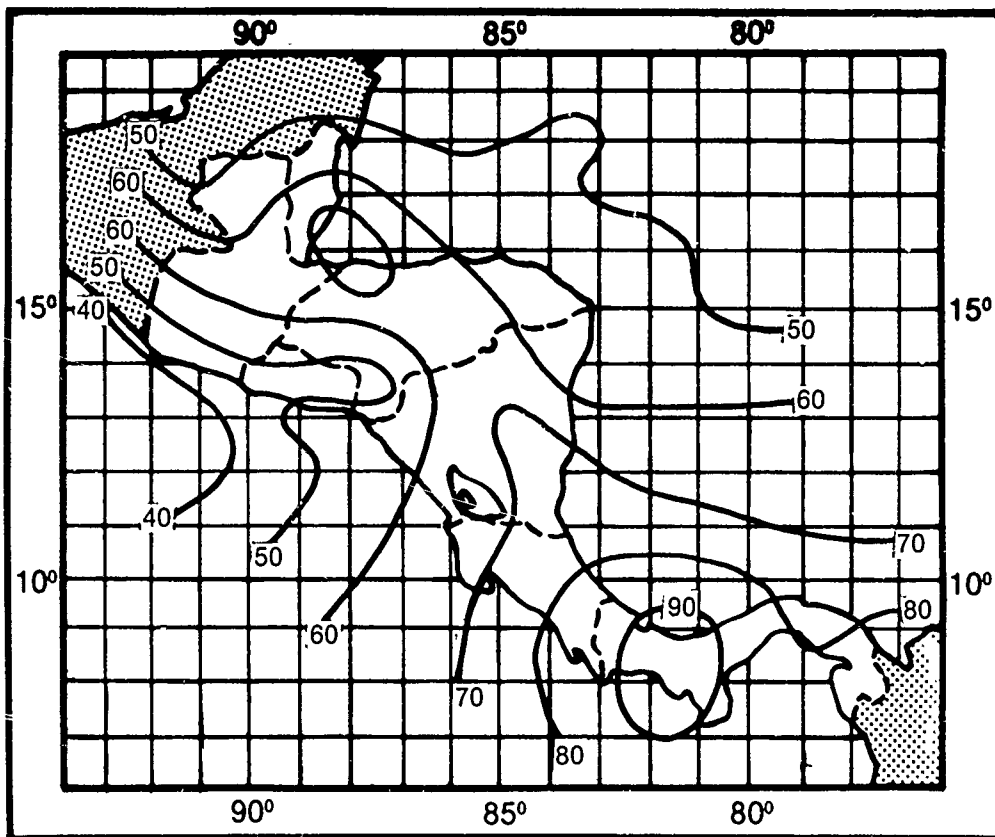


CHART A-39 Percent of Time Total Sky Cover  $\geq$  6/10, November, 06Z

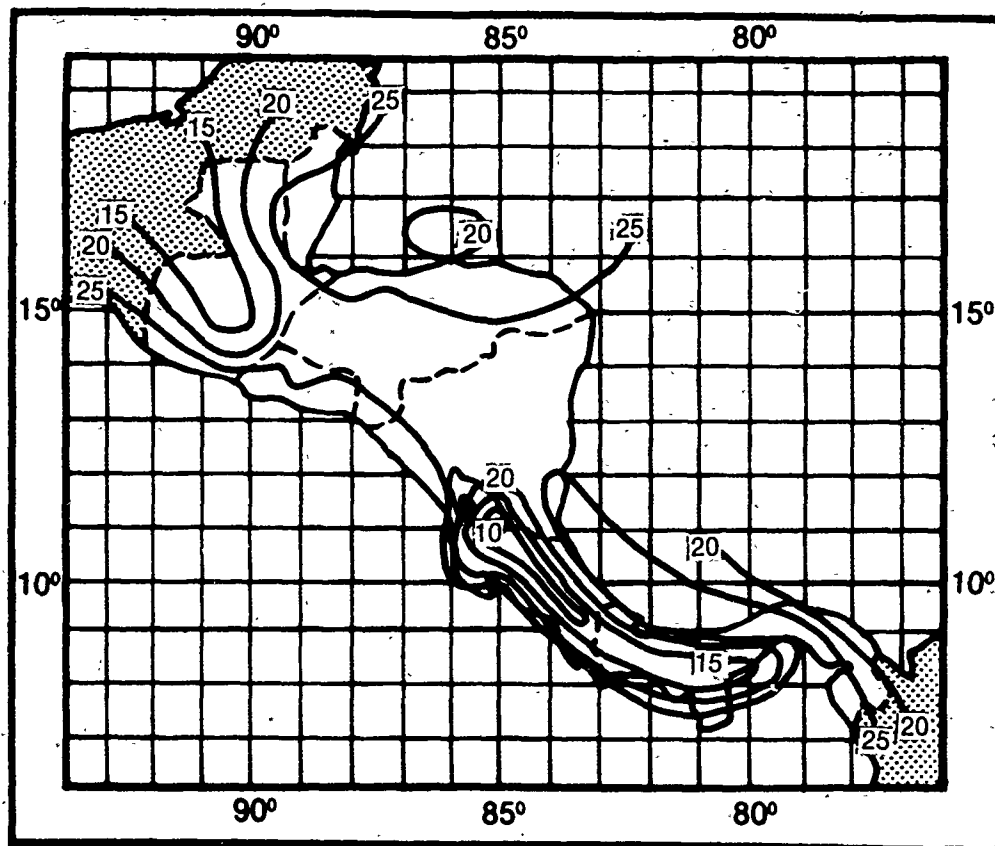


CHART A-40 Number of Days Favorable for Personnel Parachute Operations, February, 00Z (Ceiling > 1,500 ft, Visibility > 3 miles, Winds < 13 kts)

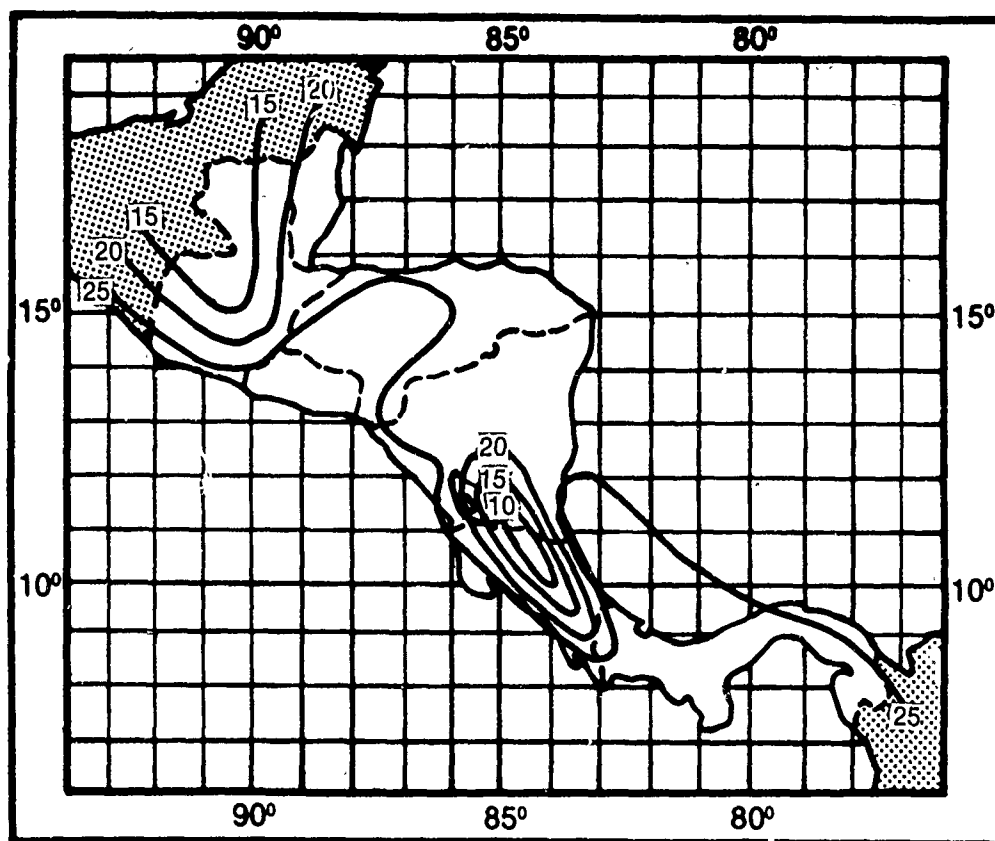


CHART A-41 Number of Days Favorable for Personnel Parachute Operations, February, 12Z (Ceiling > 1,500 ft, Visibility > 3 miles, Winds < 13 kts)

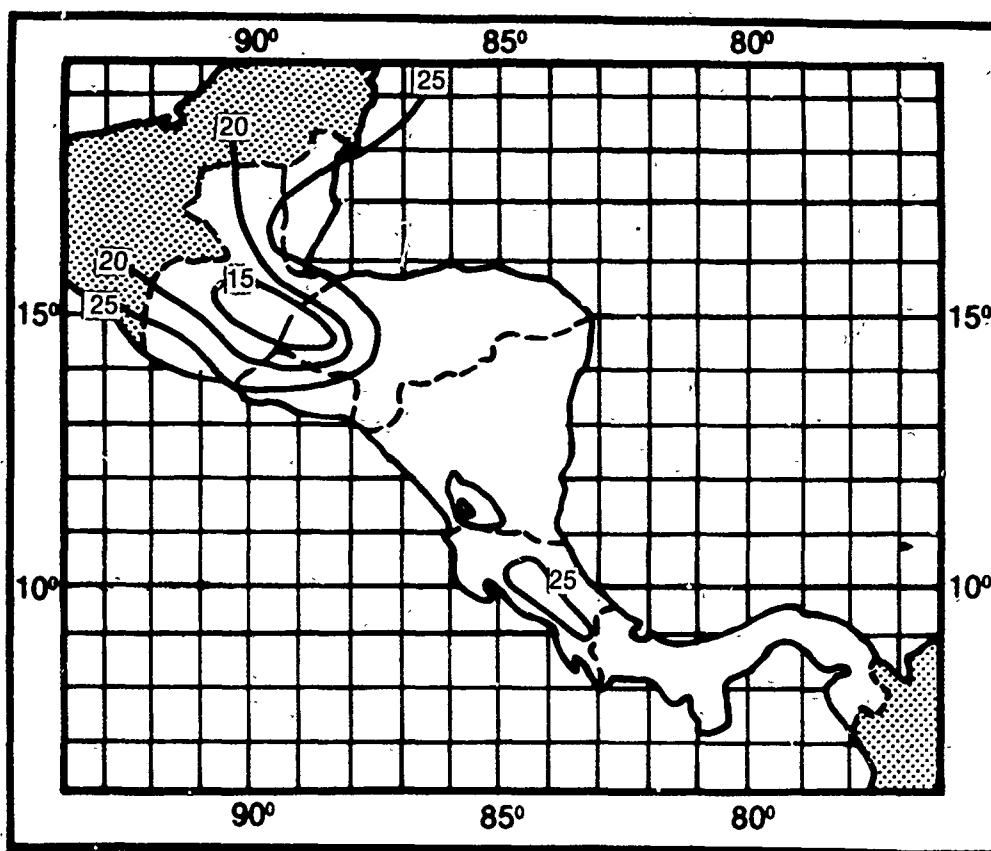


CHART A-42 Number of Days Favorable for Personnel Parachute Operations, May, 00Z (Ceiling  $> 1,500$  ft, Visibility  $> 3$  miles, Winds  $< 13$  kts)

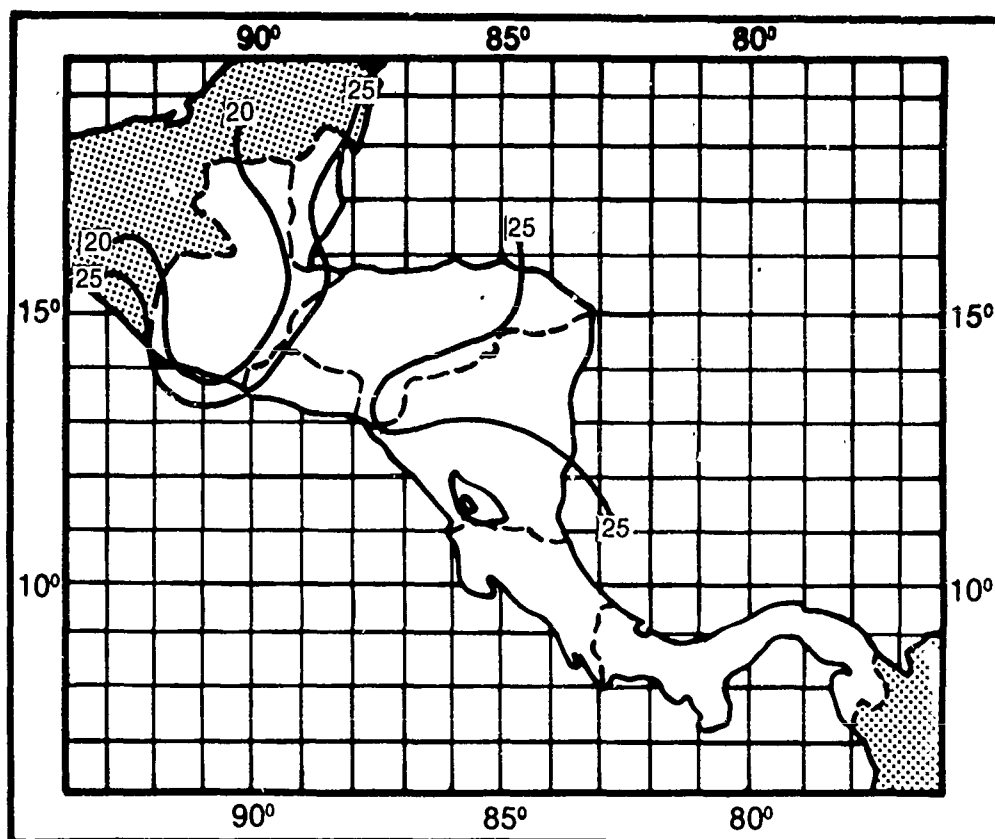


CHART A-43 Number of Days Favorable for Personnel Parachute Operations, May, 12Z (Ceiling  $> 1,500$  ft, Visibility  $> 3$  miles, Winds  $< 13$  kts)

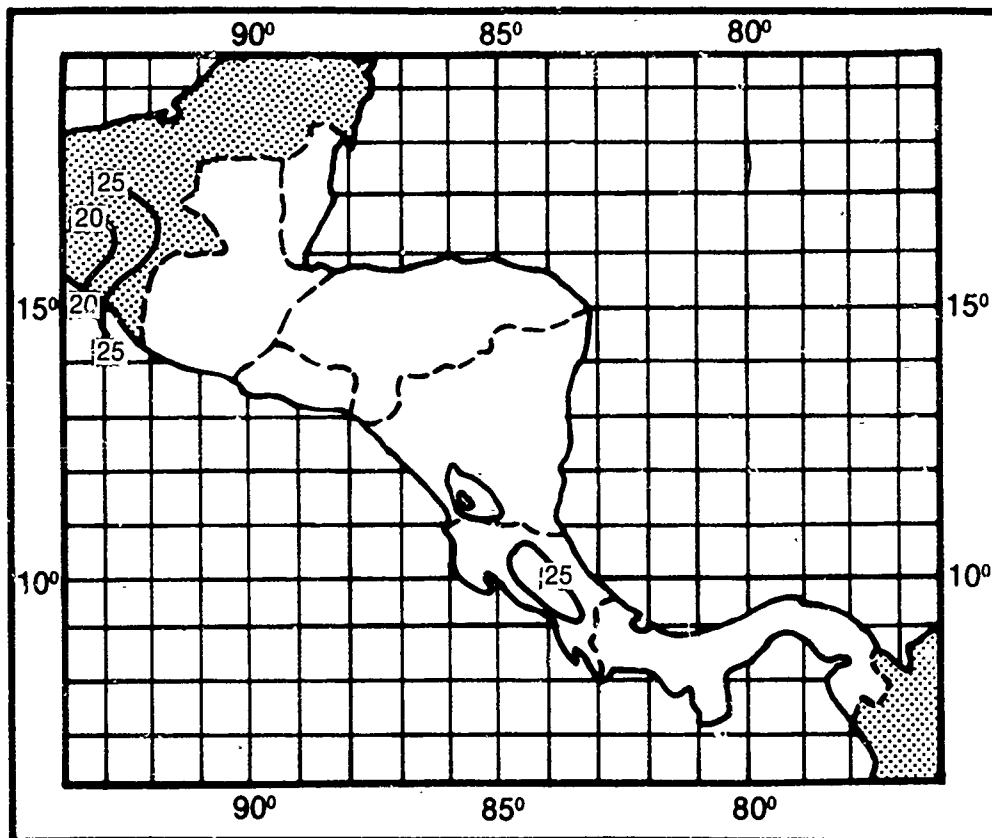


CHART A-44 Number of Days Favorable for Personnel Parachute Operations, August, 00Z (Ceiling  $>$  1,500 ft, Visibility  $>$  3 miles, Winds  $<$  13 kts)

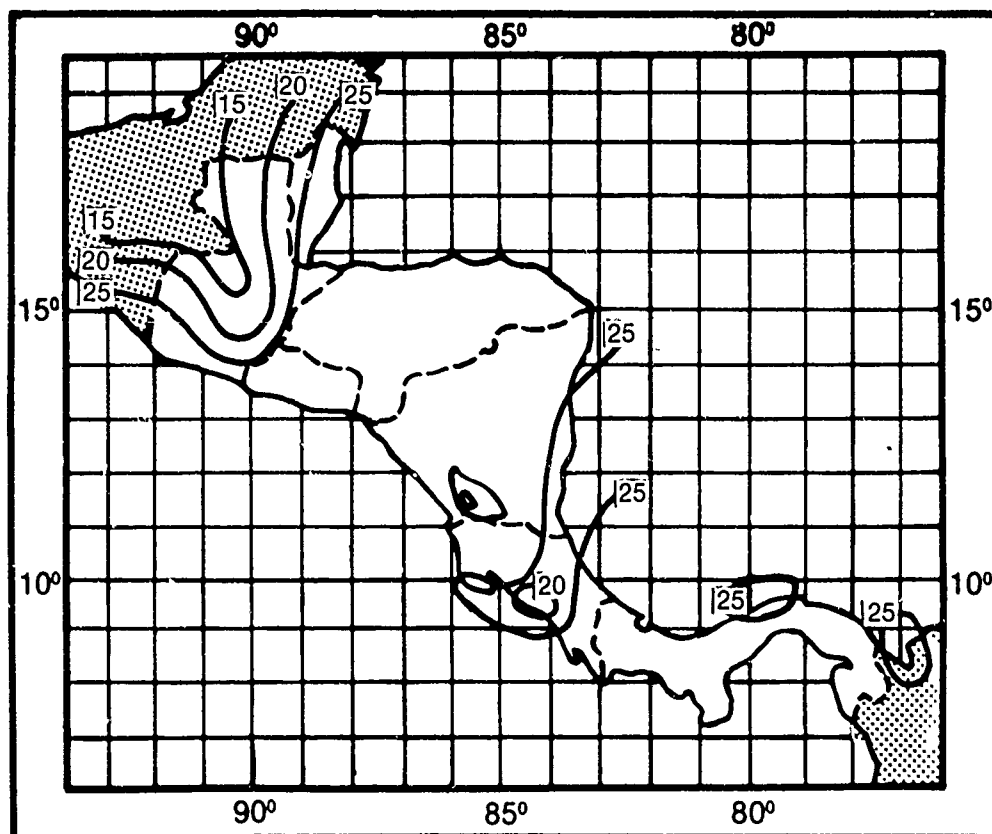


CHART A-45 Number of Days Favorable for Personnel Parachute Operations, August, 12Z (Ceiling  $>$  1,500 ft, Visibility  $>$  3 miles, Winds  $<$  13 kts)

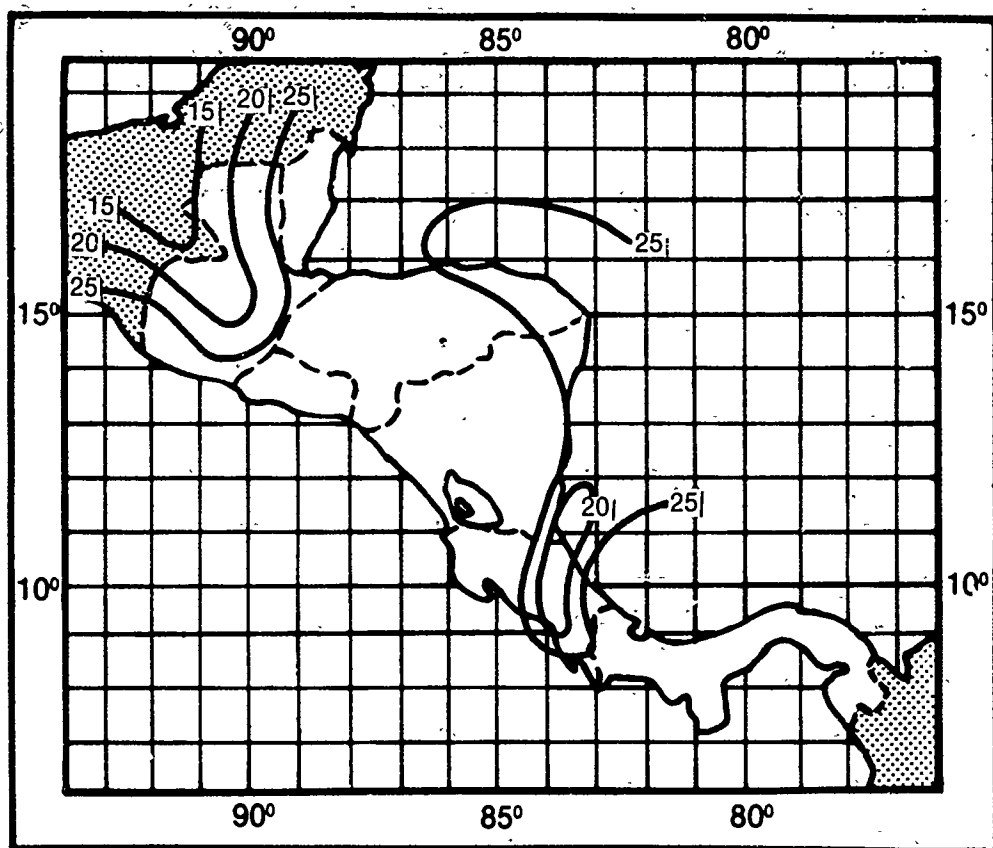


CHART A-46 Number of Days Favorable for Personnel Paradrop Operations, November, 00Z (Ceiling  $>$  1,500 ft, Visibility  $>$  3 miles, Winds  $<$  13 kts)

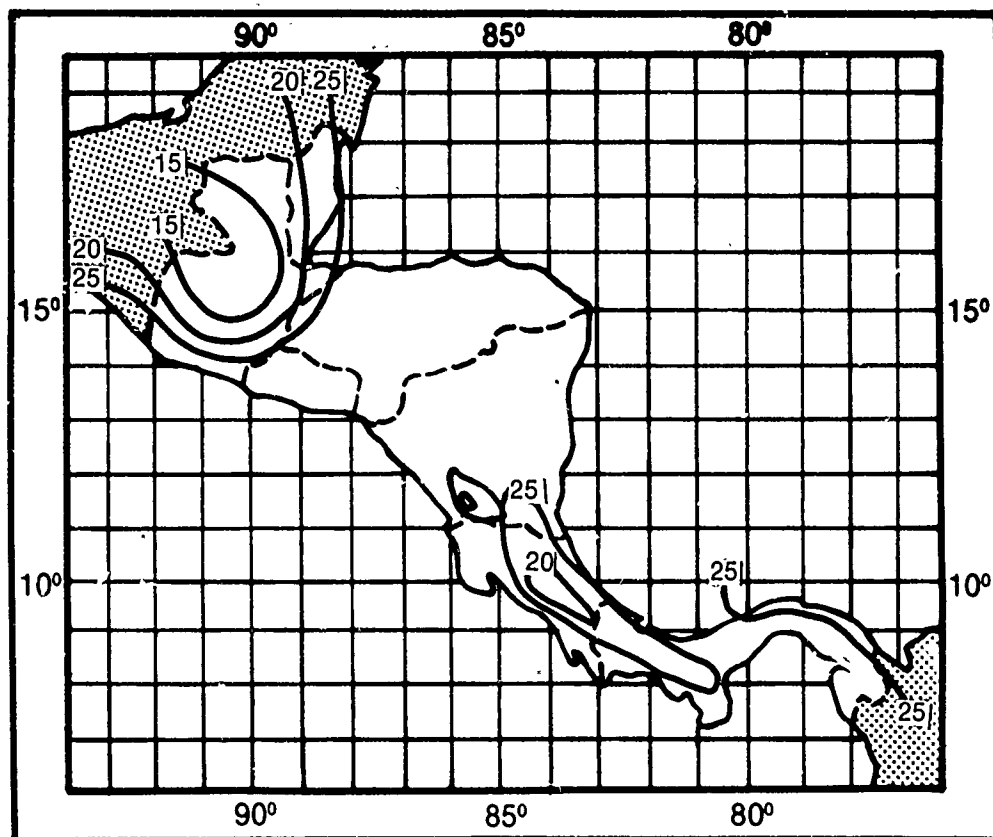
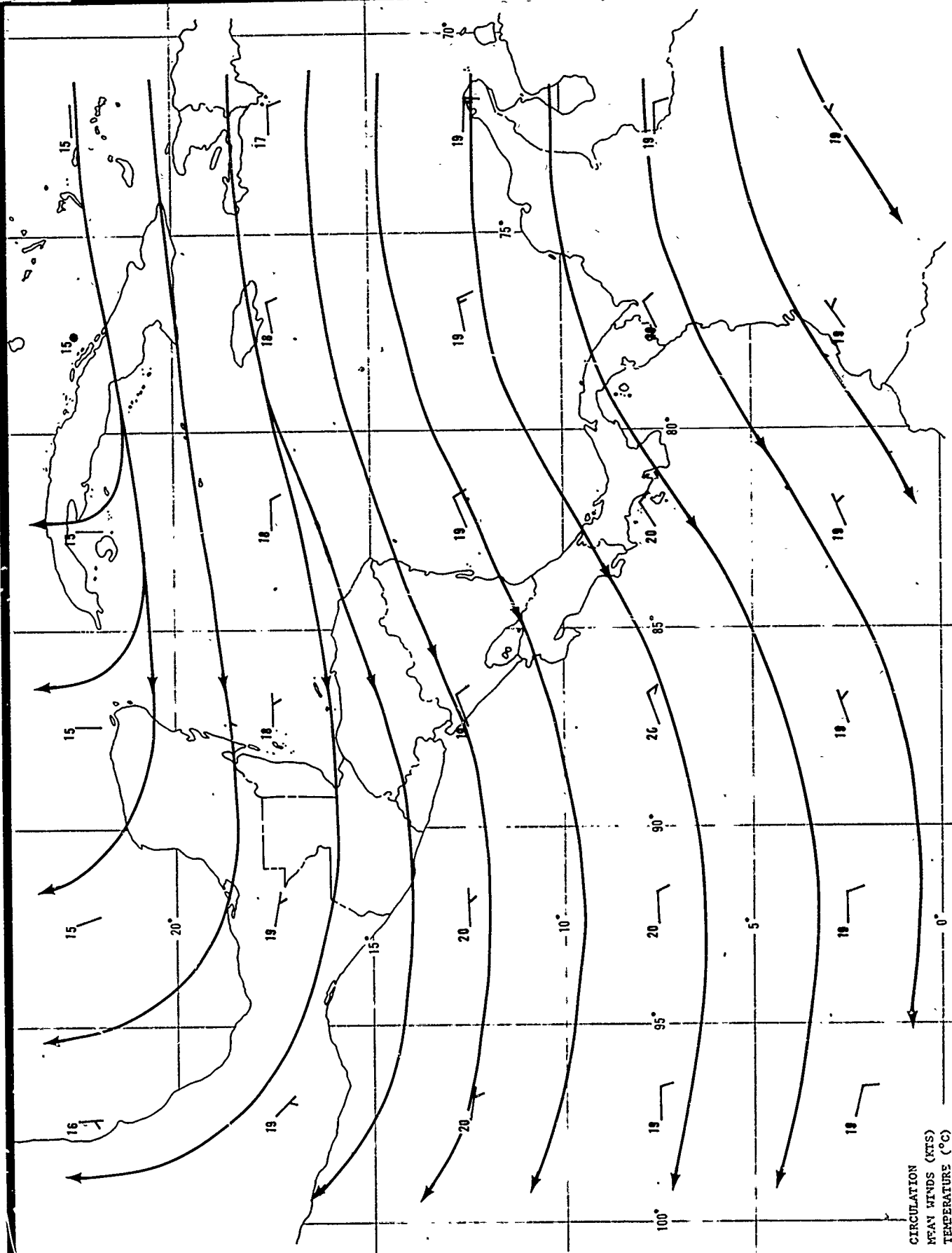
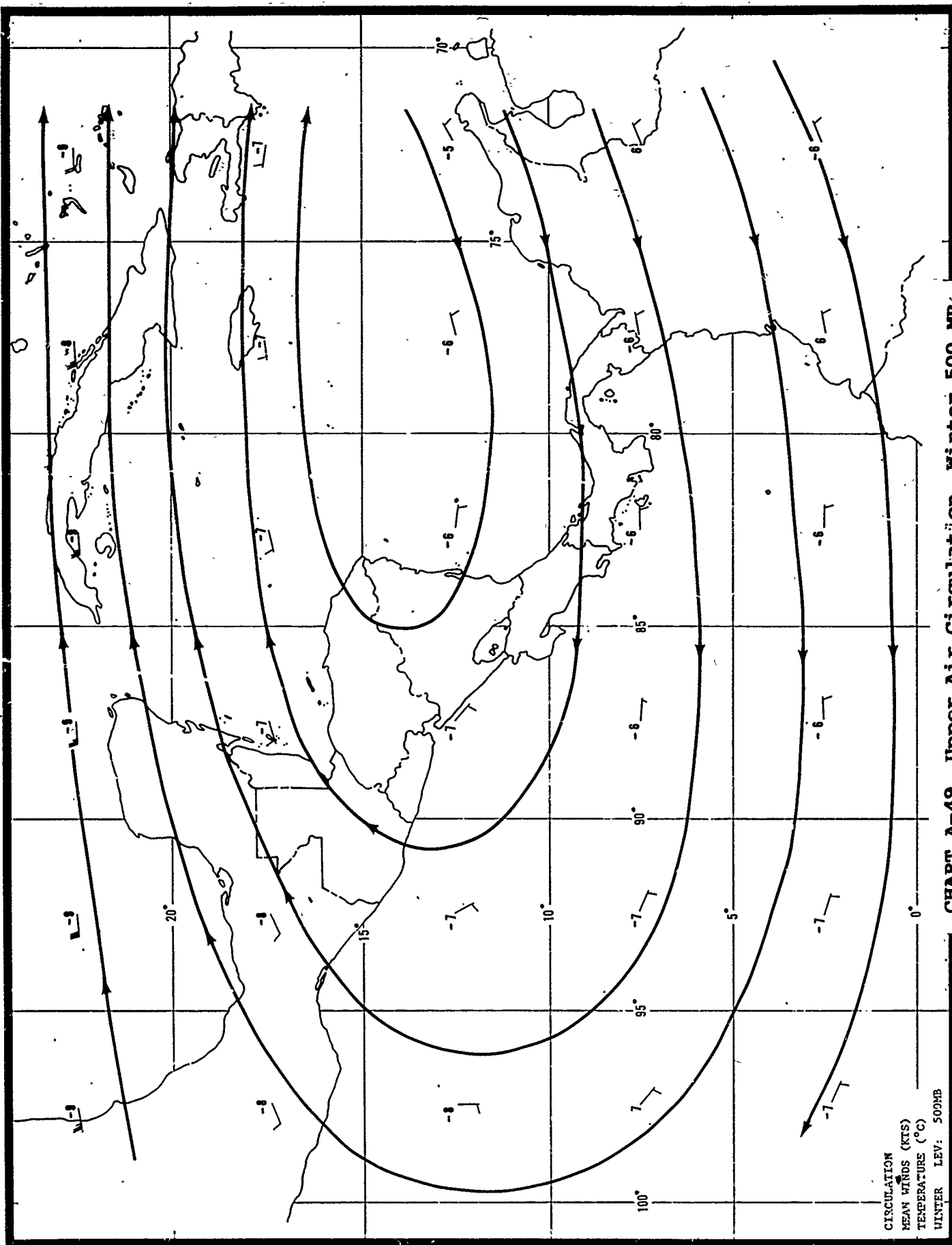


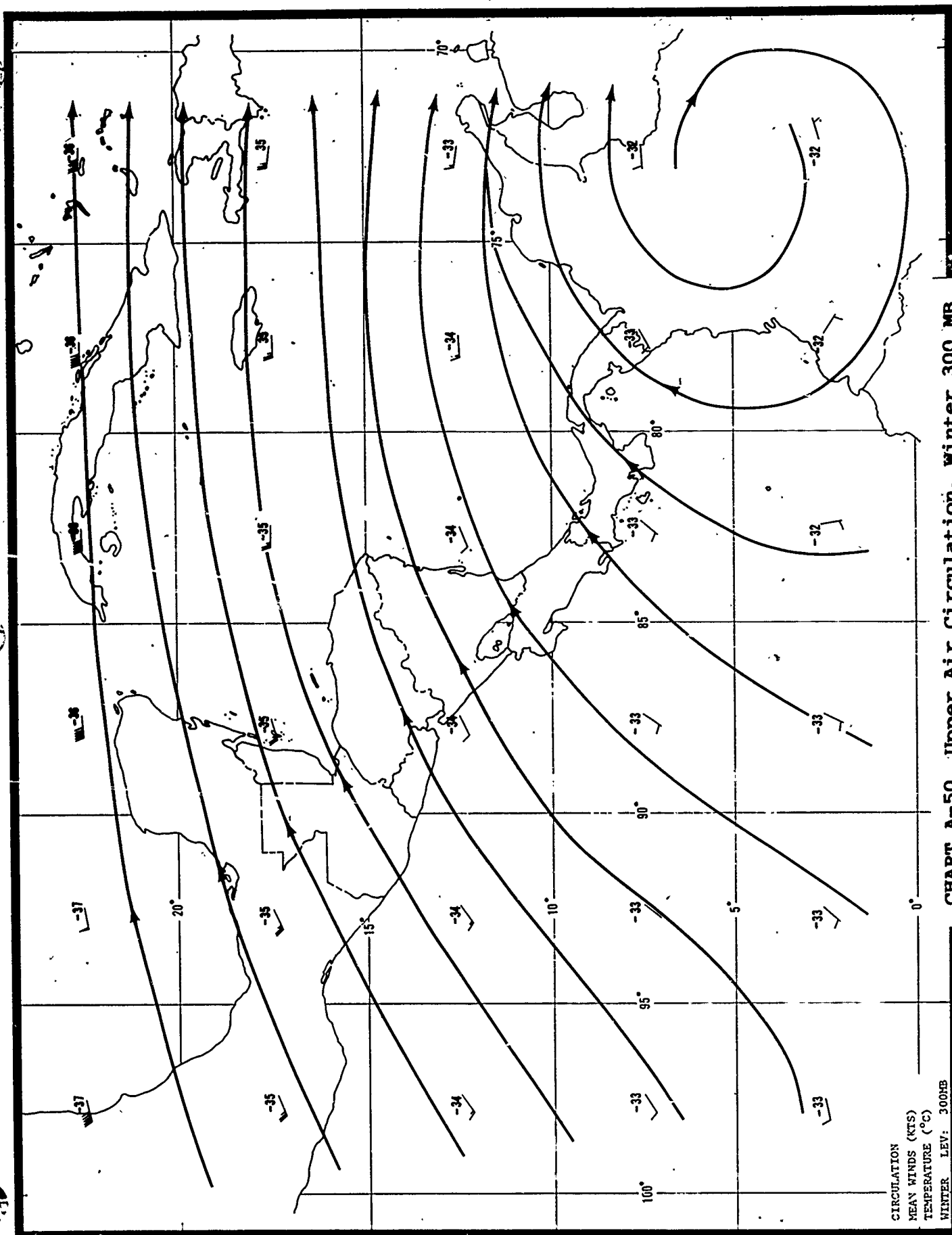
CHART A-47 Number of Days Favorable for Personnel Paradrop Operations, November, 12Z (Ceiling  $>$  1,500 ft, Visibility  $>$  3 miles, Winds  $<$  13 kts)



CIRCULATION  
MEAN WINDS (KTS)  
TEMPERATURE (°C)  
WINTER LEV: 850MB

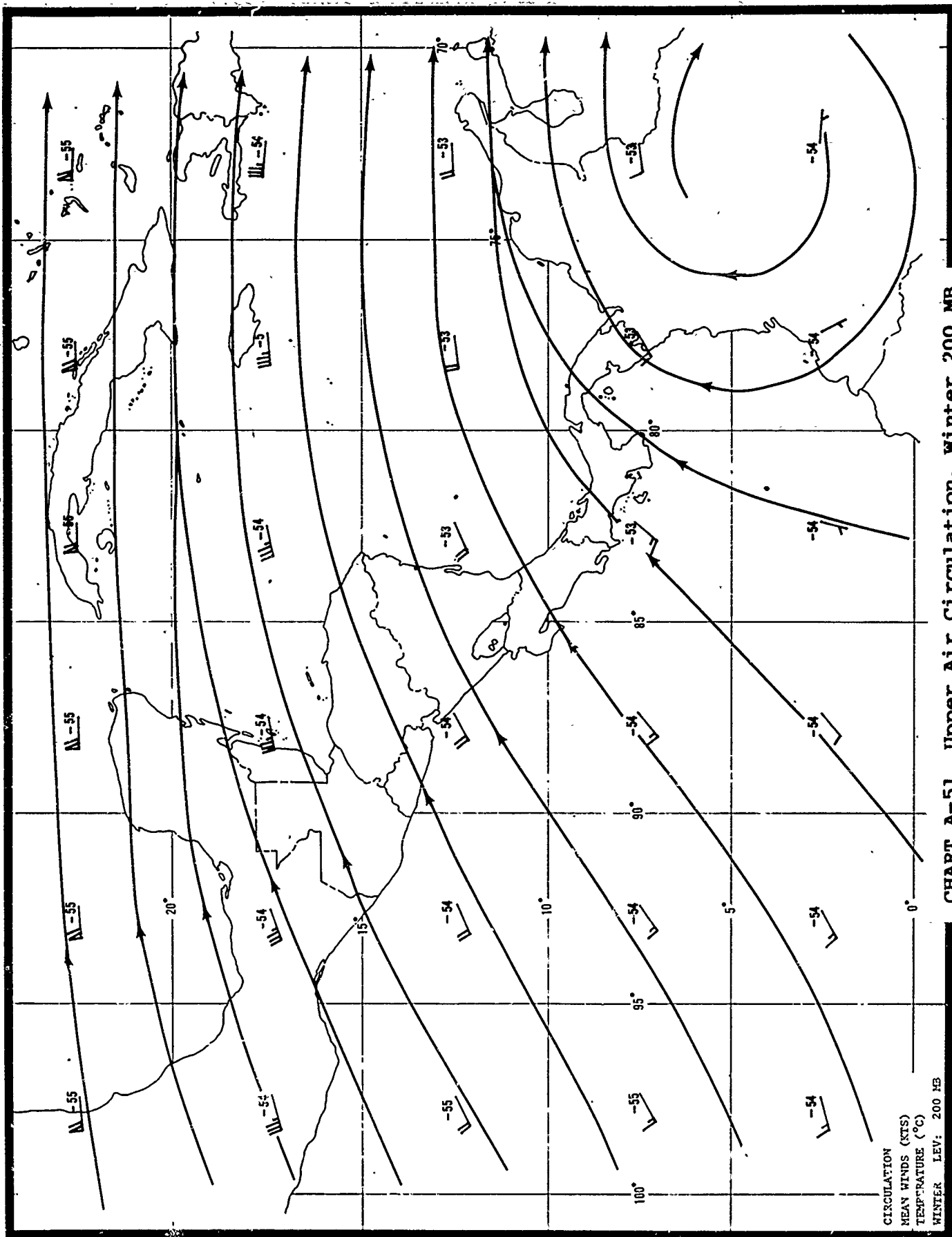
CHART A-48 Upper Air Circulation, Winter 850 MB

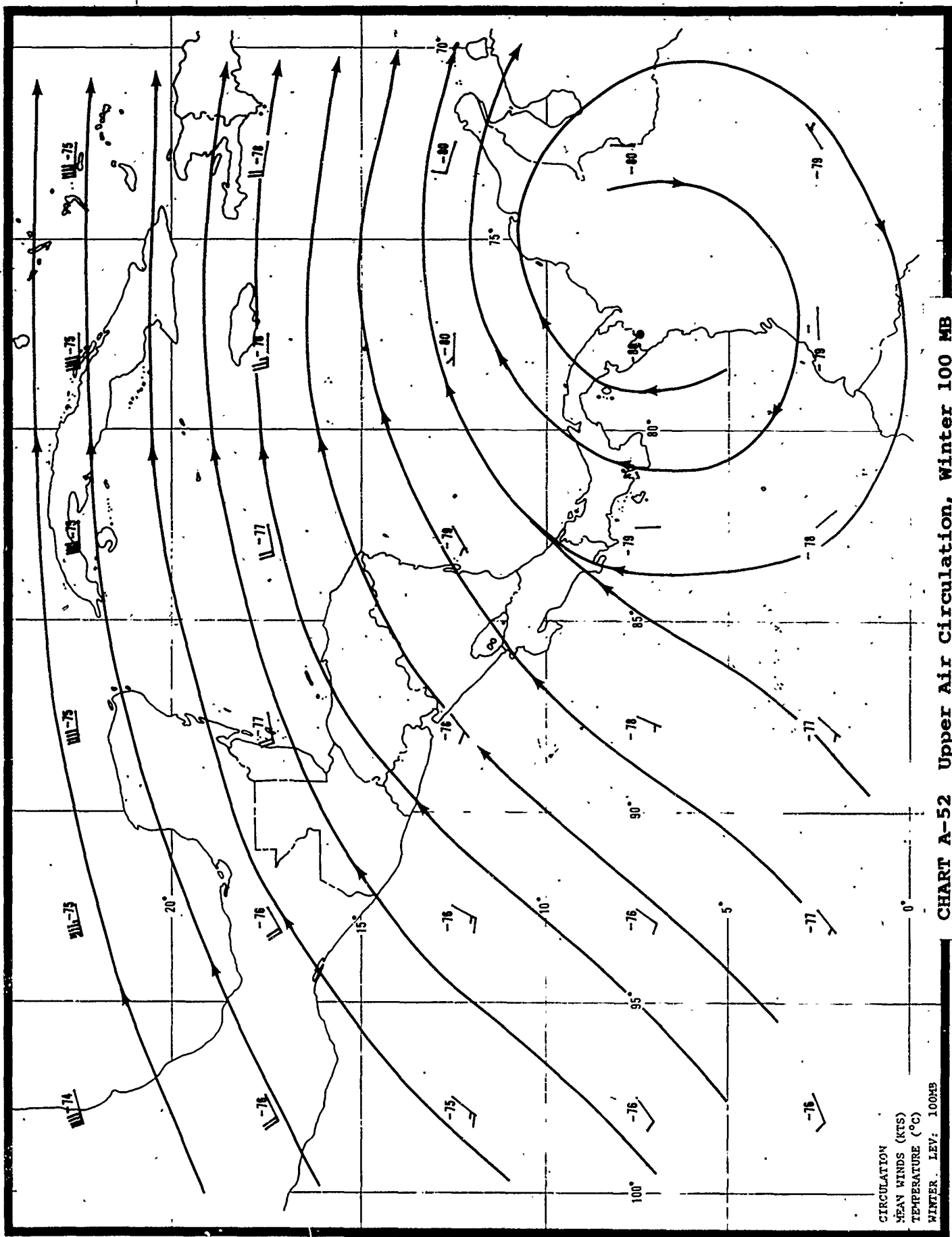




CIRCULATION  
MEAN WINDS (KTS)  
TEMPERATURE (°C)  
WINTER  
LEV: 300MB

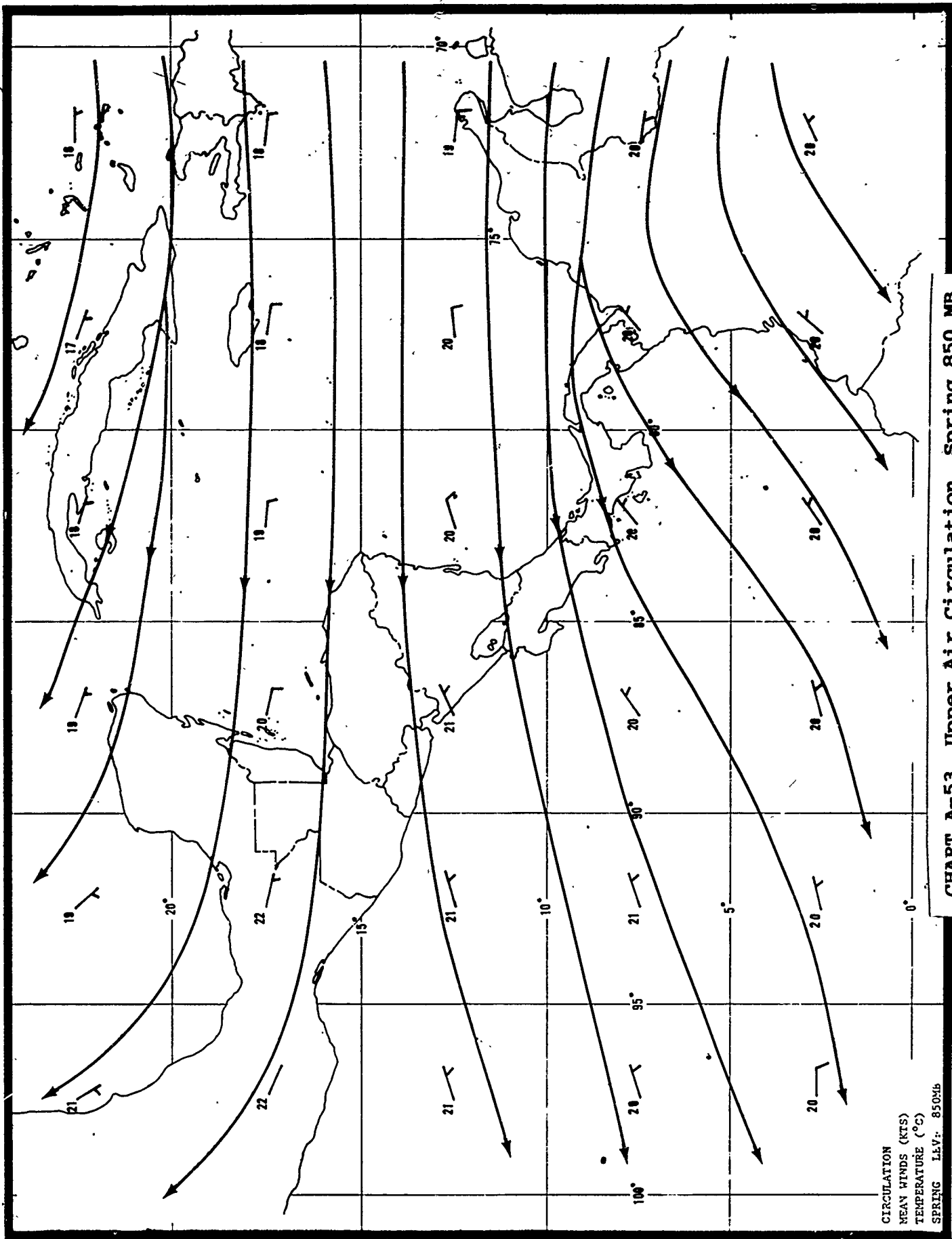
CHART A-50 Upper Air Circulation, Winter 300 MB

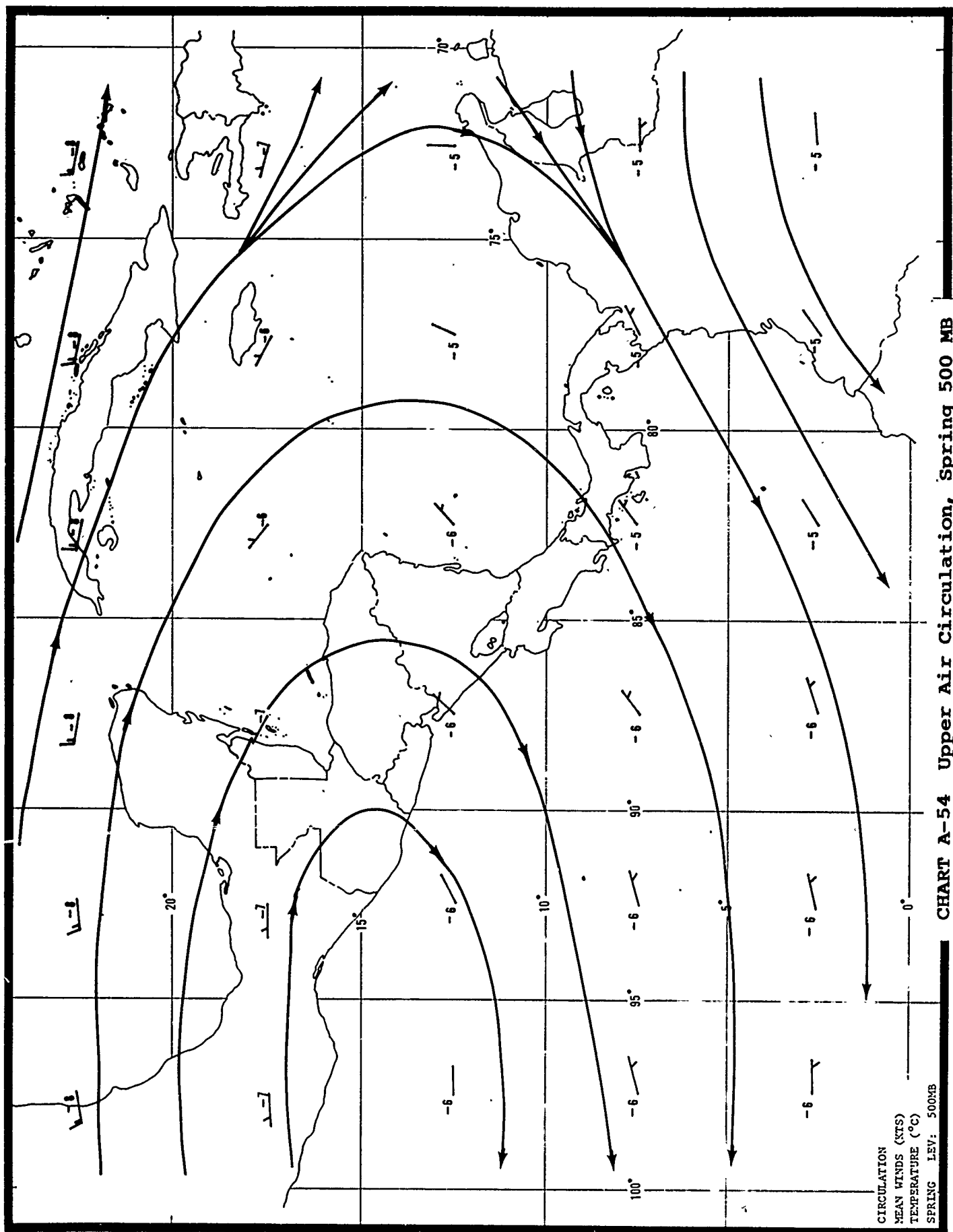




CIRCULATION  
MEAN WINDS (KTS)  
TEMPERATURE (°C)  
WINTER, LEV: 100MB

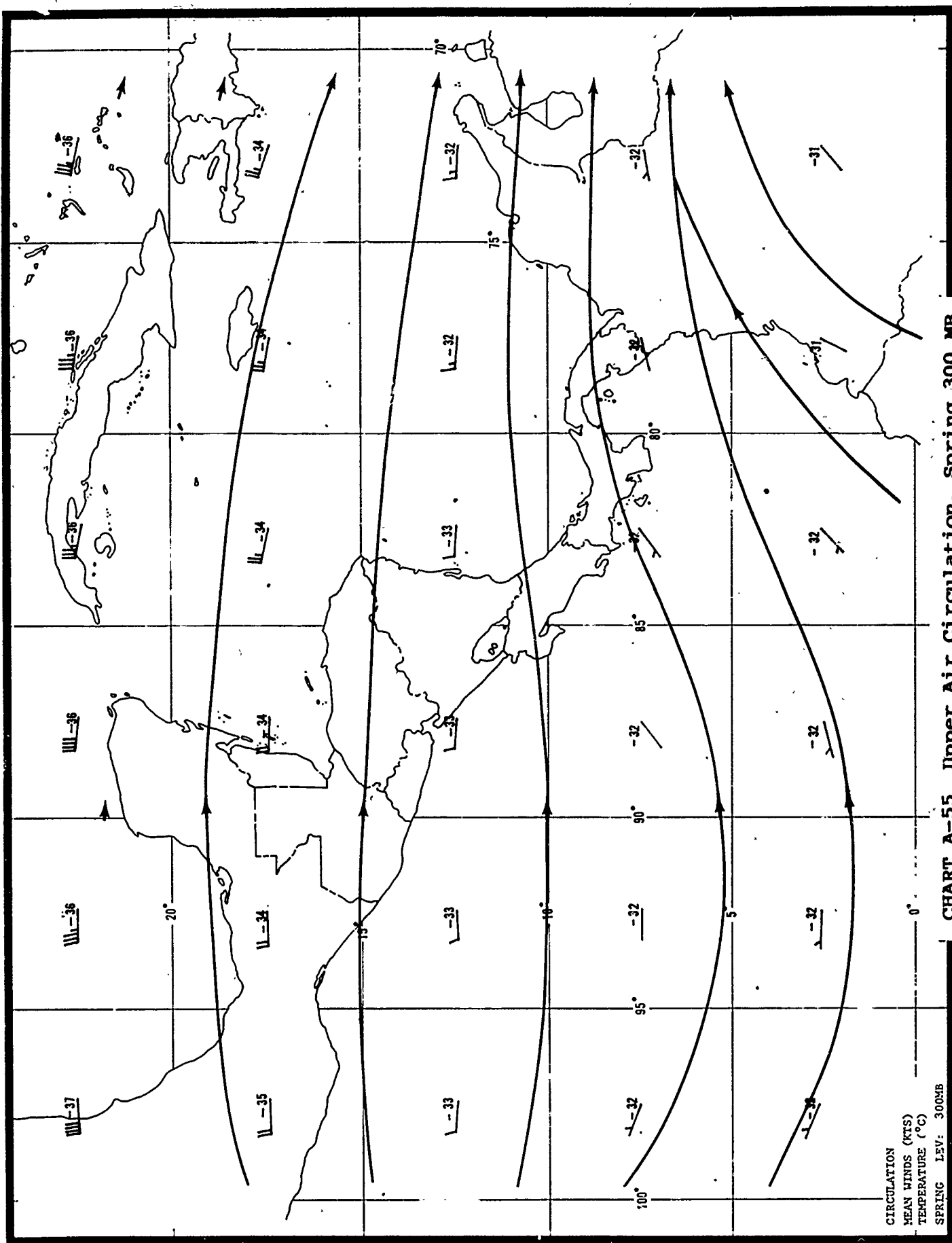
CHART A-52 Upper Air Circulation, Winter 100 MB





CIRCULATION  
MEAN WINDS (KTS)  
TEMPERATURE (°C)  
SPRING LEV: 500MB

CHART A-54 Upper Air Circulation, Spring 500 MB



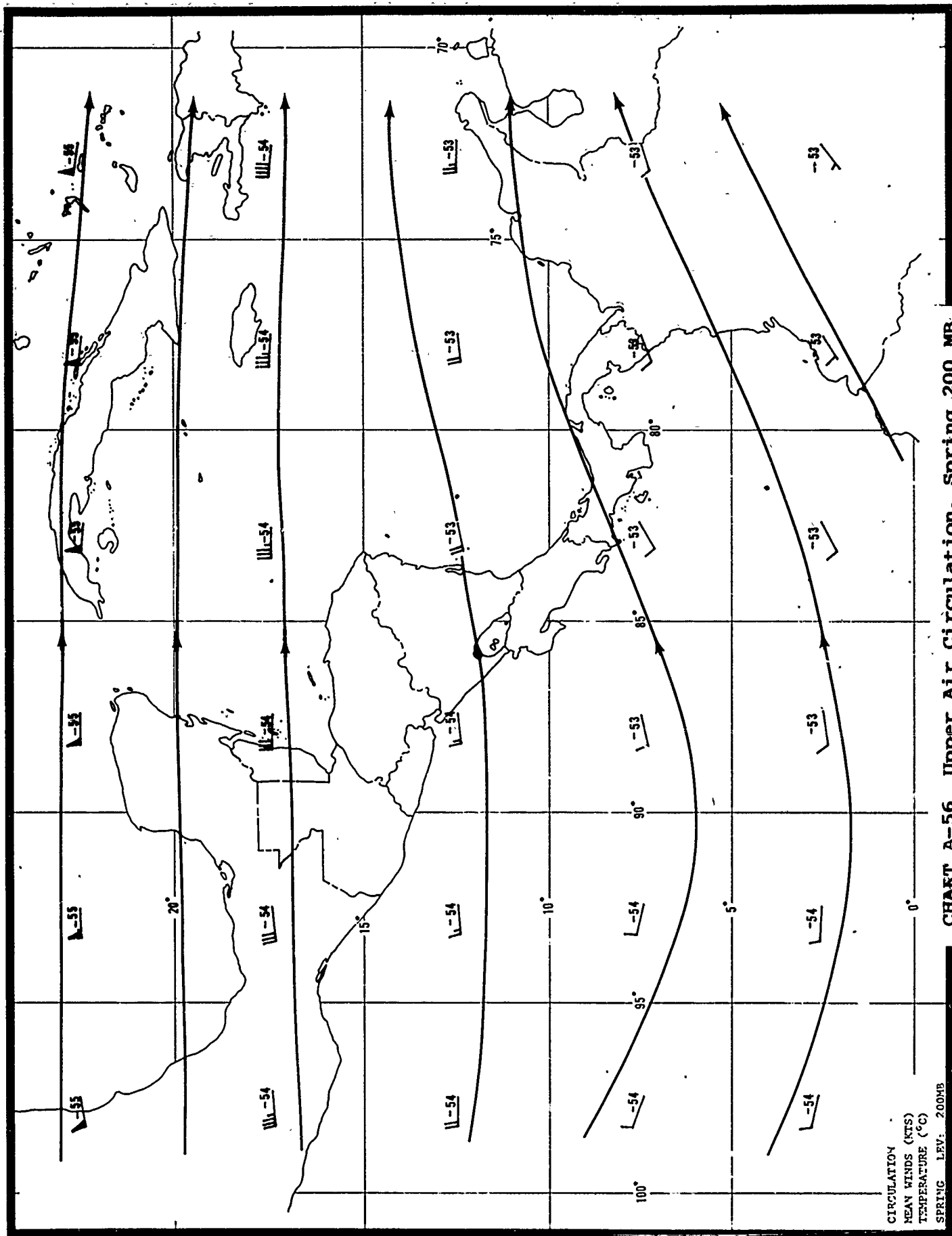
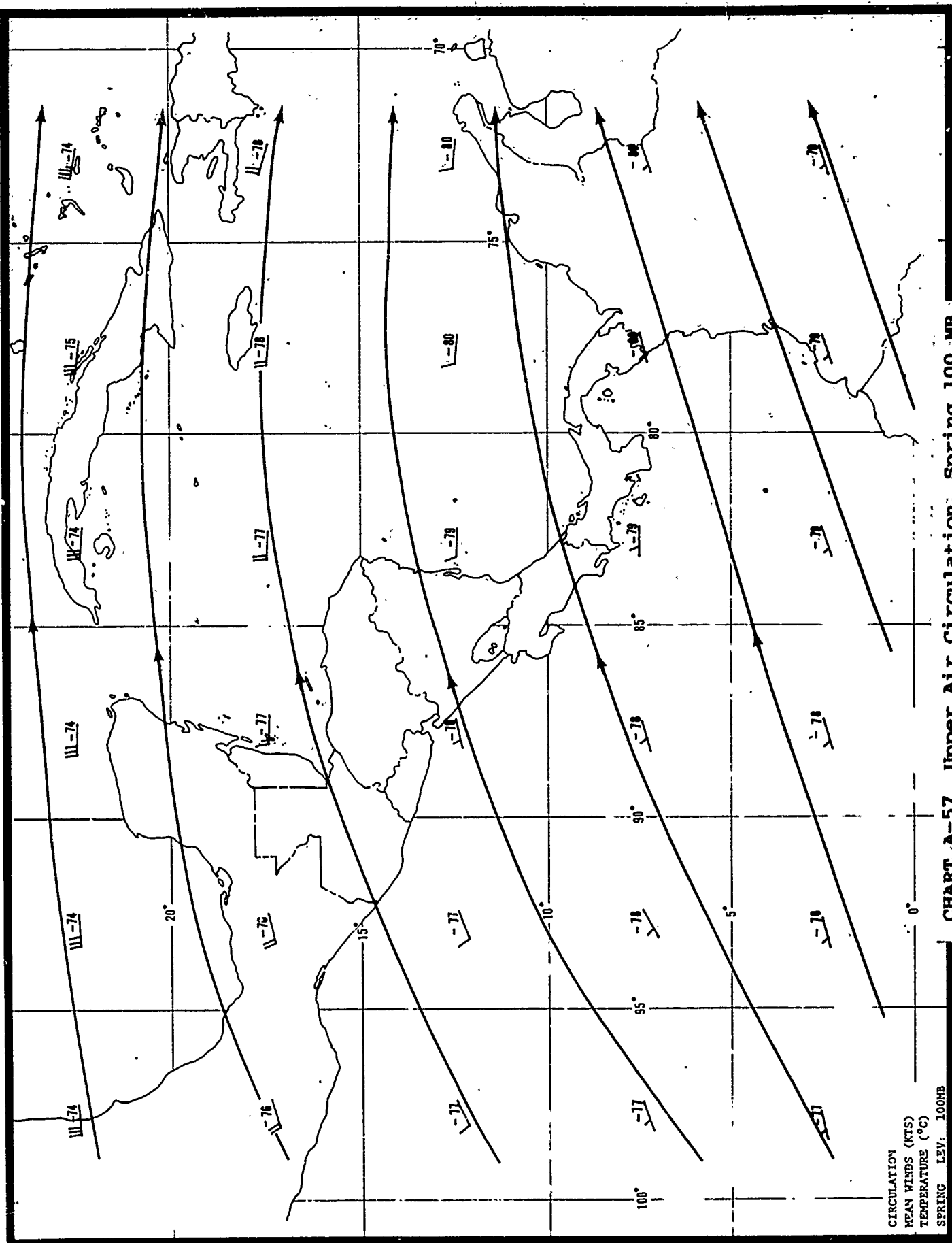


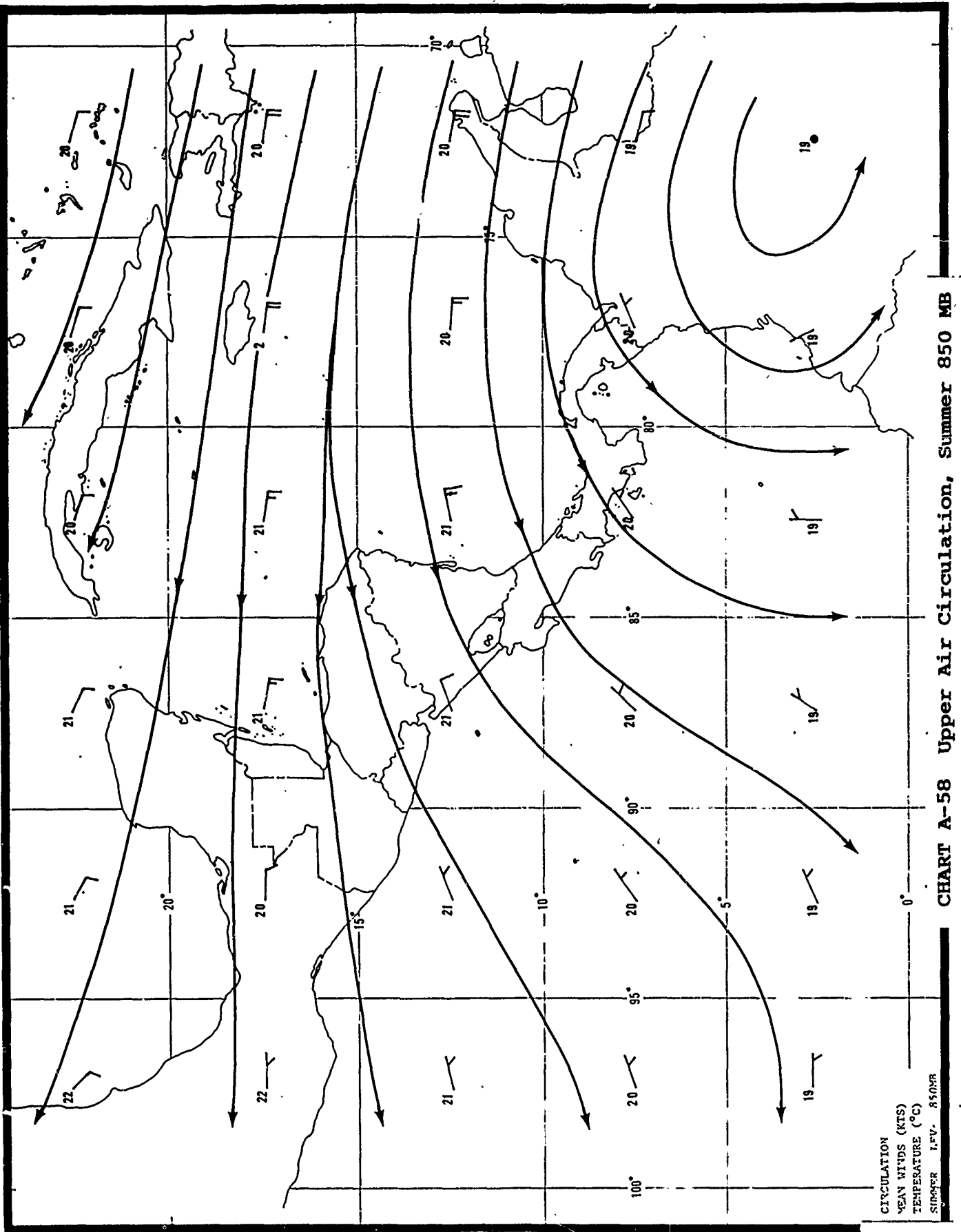
CHART A-56 Upper Air Circulation, Spring 200 MB

CIRCULATION  
MEAN WINDS (KTS)  
TEMPERATURE (°C)  
SPRING LEV: 200MB



CIRCULATION  
MEAN WINDS (KTS)  
TEMPERATURE (°C)  
SPRING LEV: 100MB

CHART A-57 Upper Air Circulation, Spring 100 MB



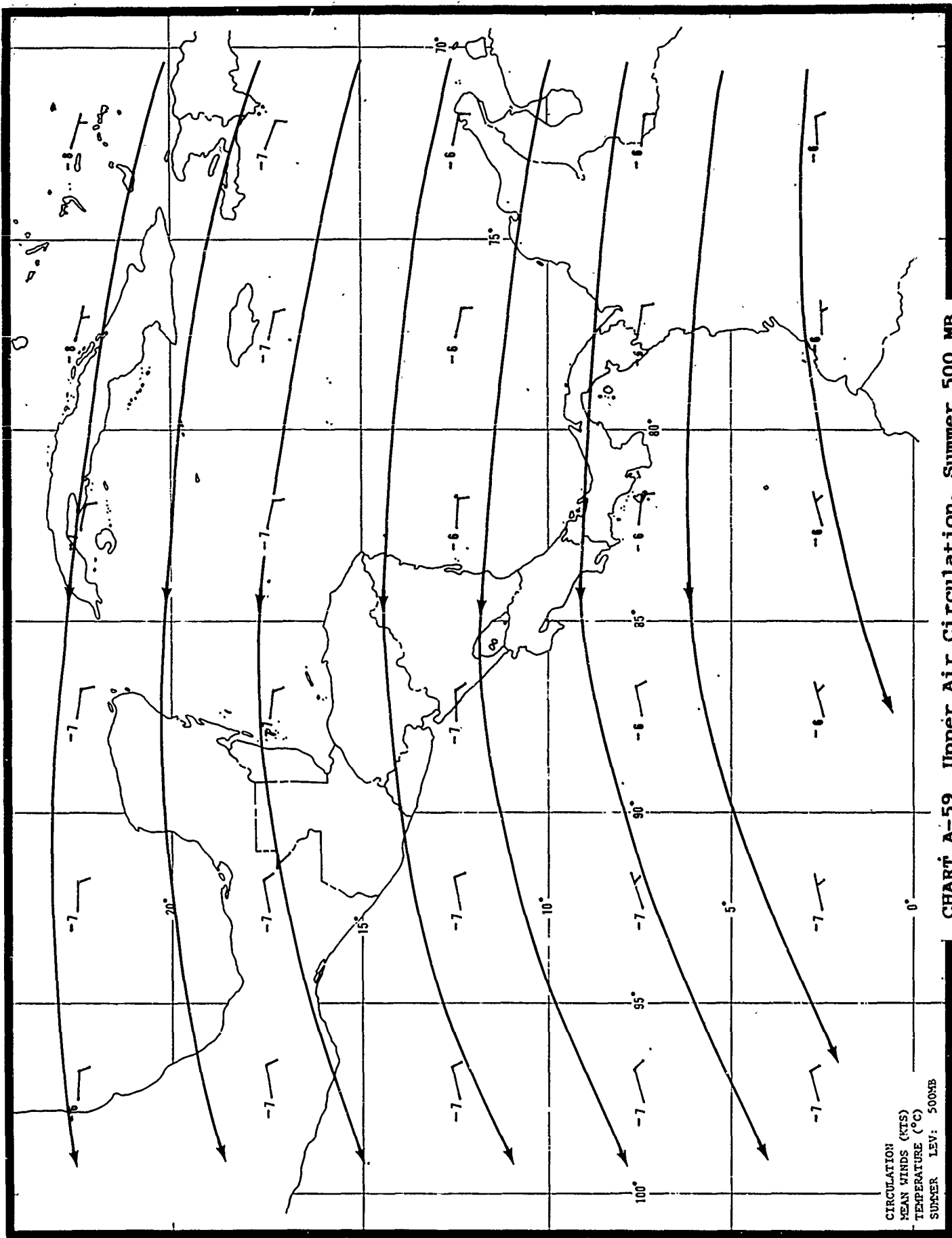
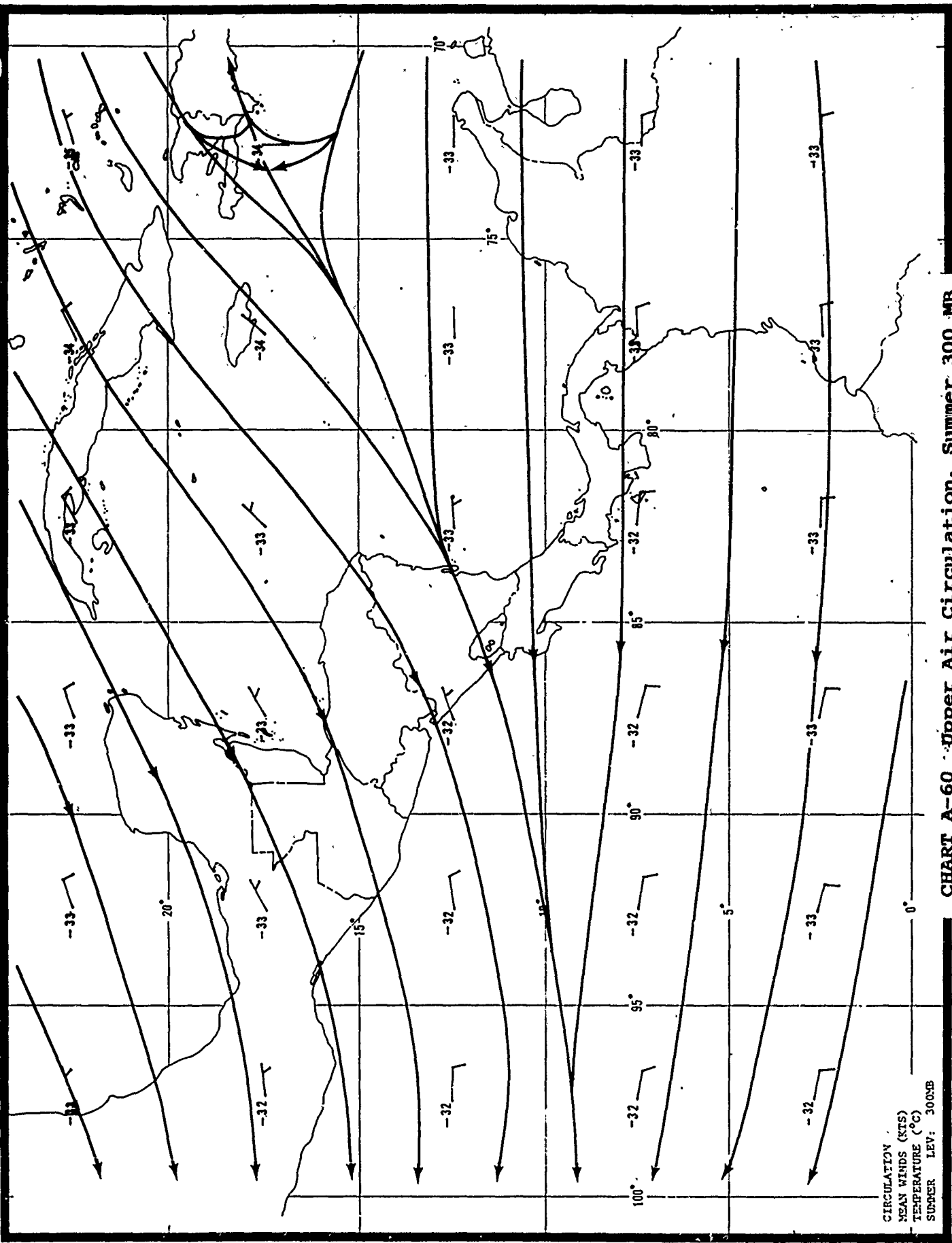


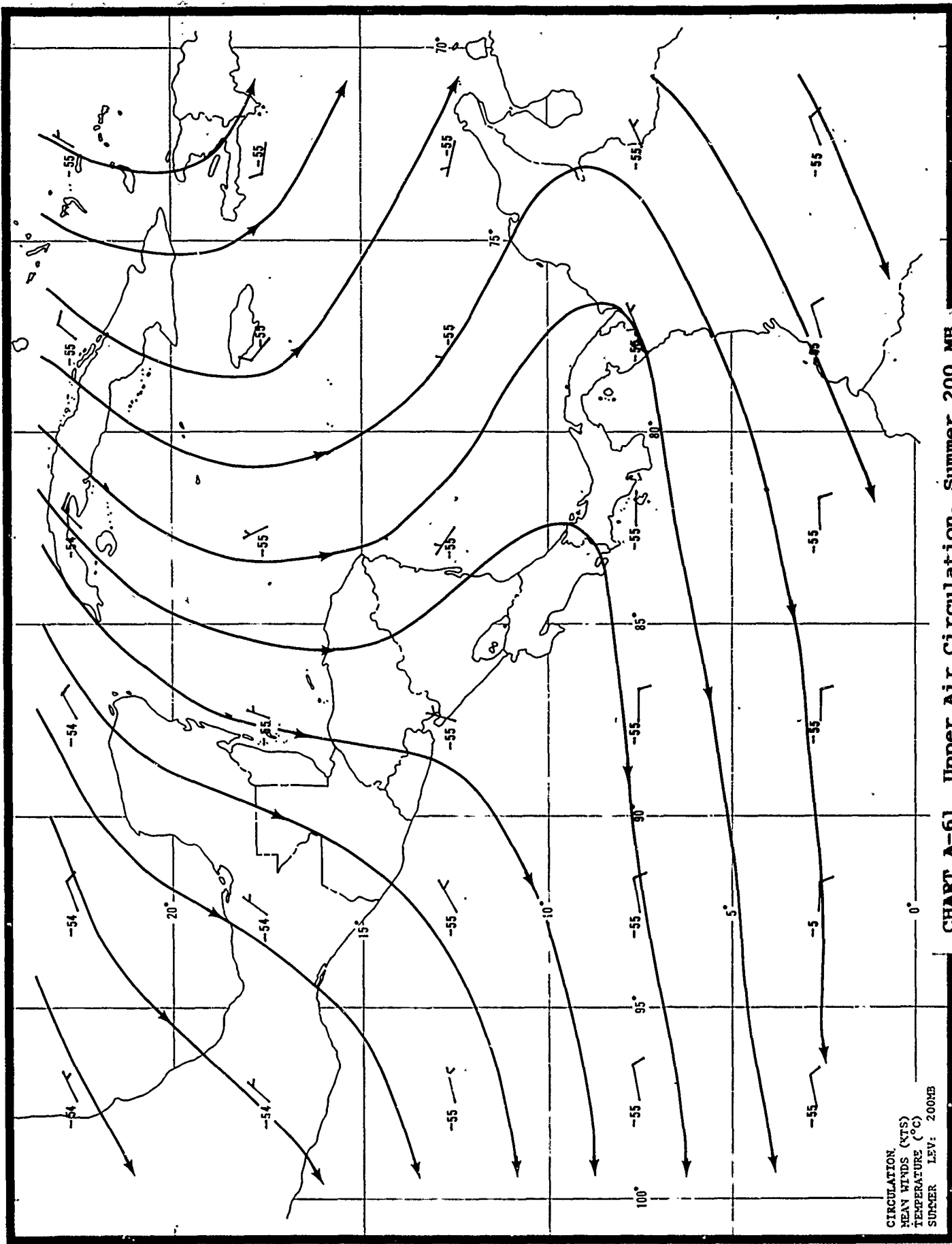
CHART A-59, Upper Air Circulation, Summer 500 MB

CIRCULATION  
MEAN WINDS (KTS)  
TEMPERATURE (°C)  
SUMMER LEV: 500MB



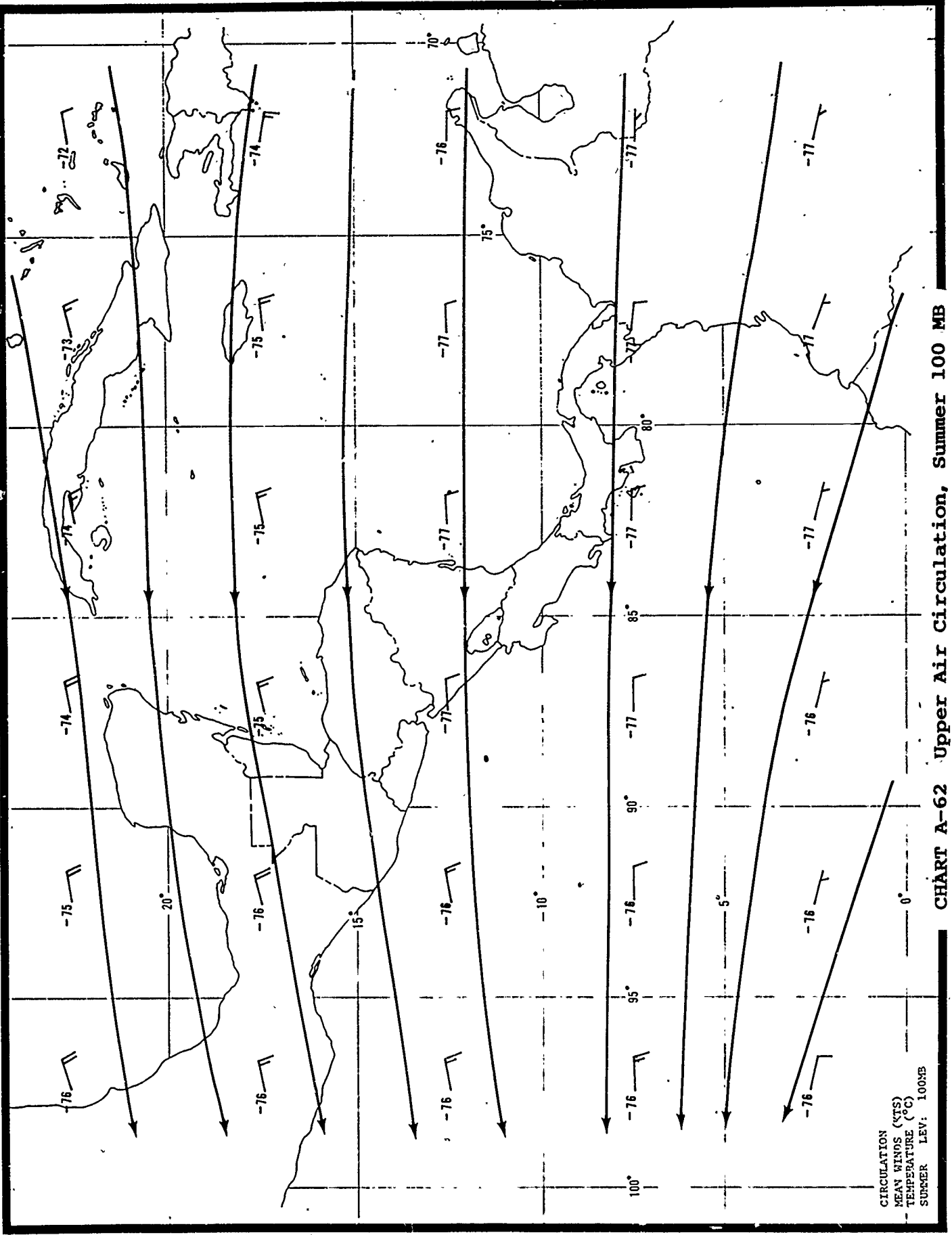
CIRCULATION  
MEAN WINDS (KTS)  
TEMPERATURE (°C)  
SUMMER LEV: 300MB

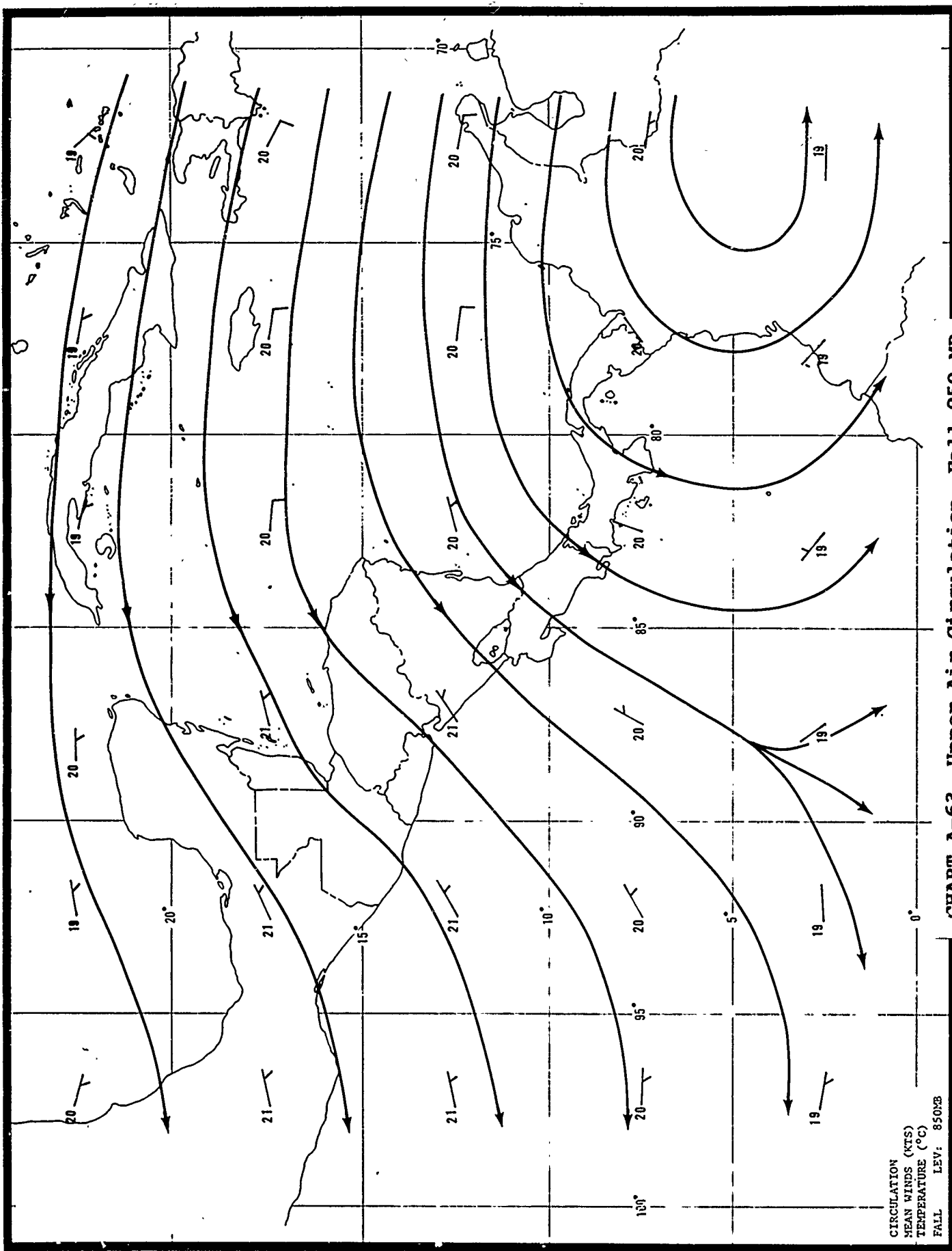
CHART A-60 Upper Air Circulation, Summer 300 MB

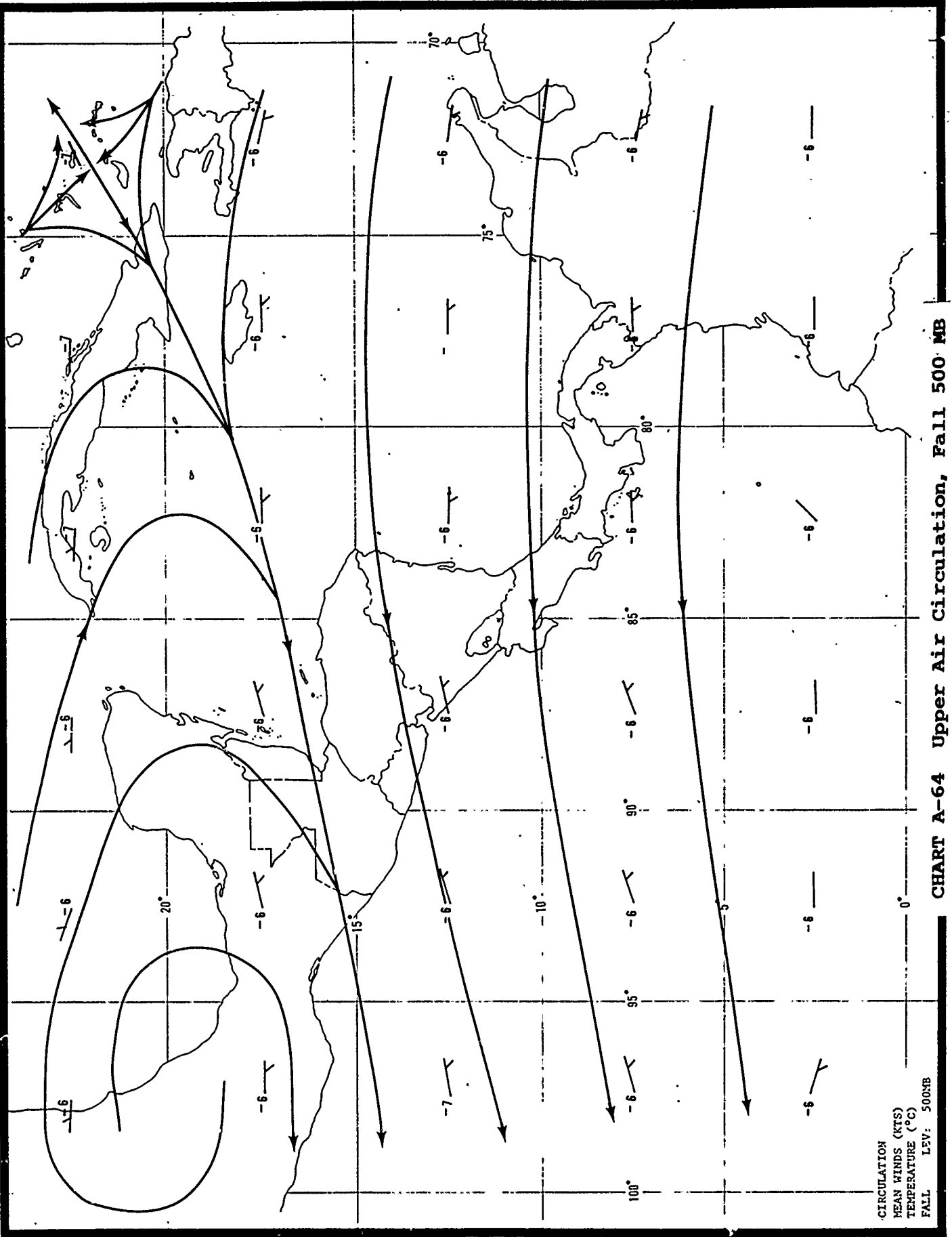


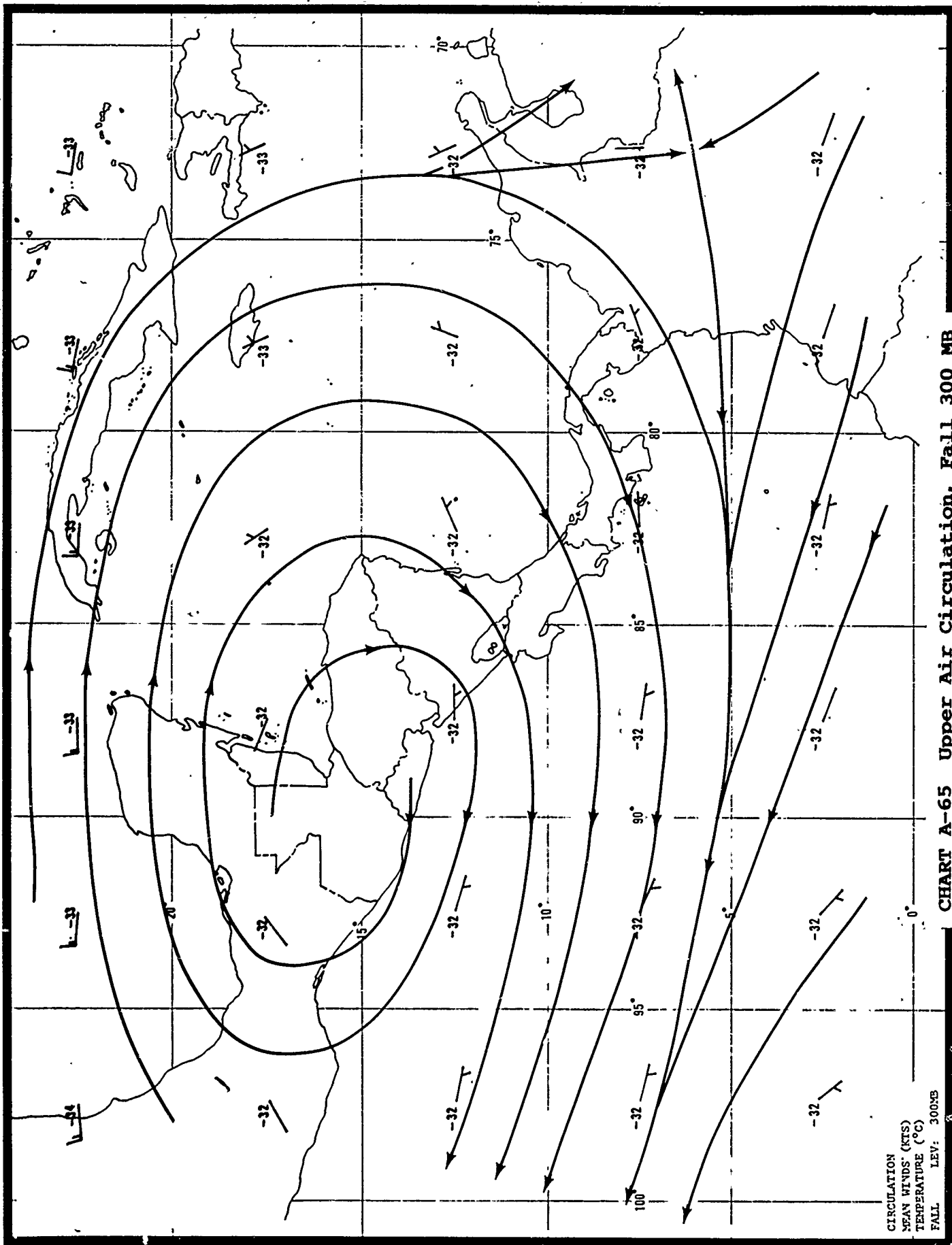
CIRCULATION  
 MEAN WINDS (KTS)  
 TEMPERATURE (°C)  
 SUMMER LEV: 100MB

CHART A-62 Upper Air Circulation, Summer 100 MB









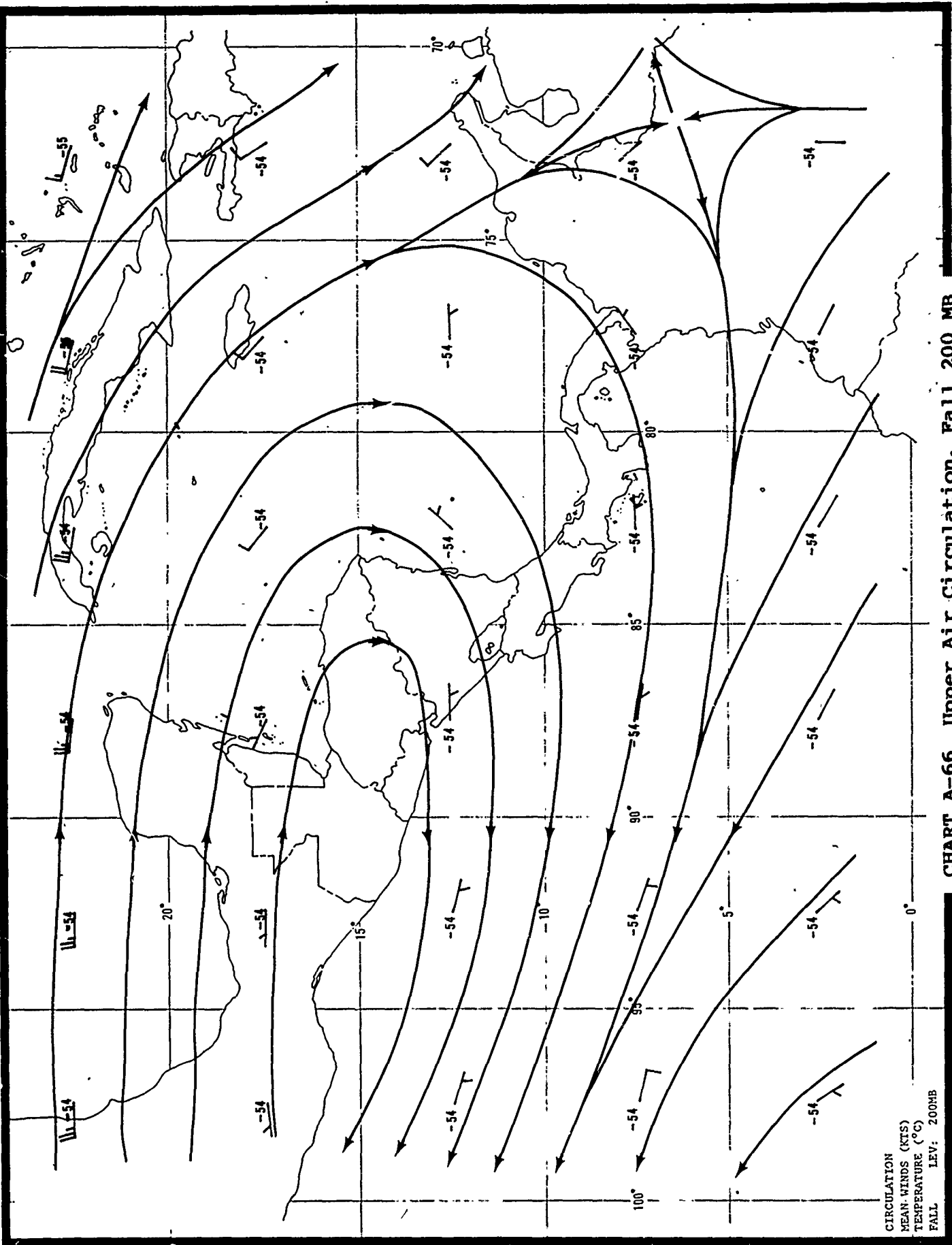
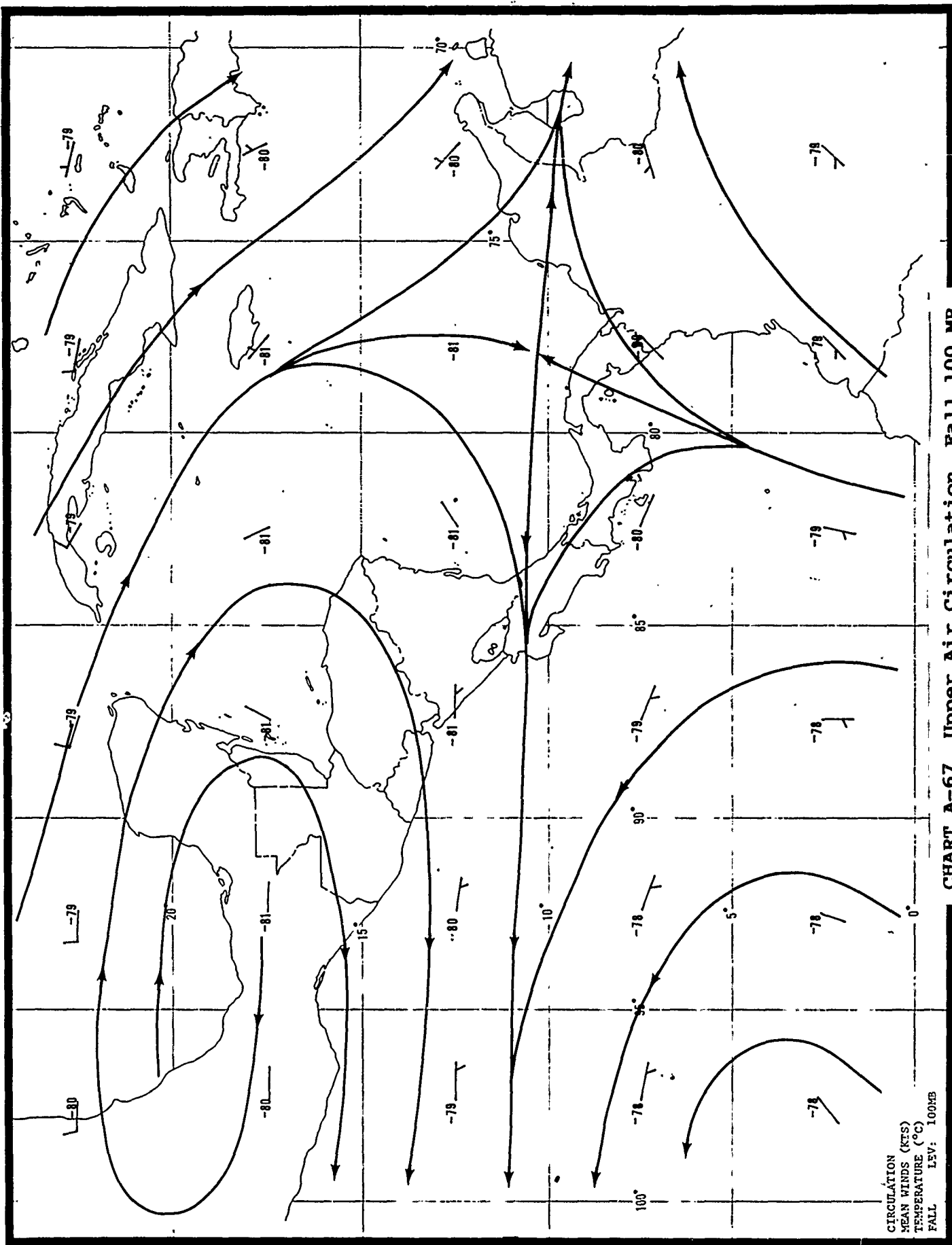


CHART A-66 Upper Air Circulation, Fall 200 MB

CIRCULATION  
MEAN WINDS (KTS)  
TEMPERATURE (°C)  
FALL  
LEV: 200MB



## APPENDIX B

### Expanded Data Tables

This appendix contains expanded data tables for a number of climatic variables. Most (but not all) tables contain data for all 12 months, and for the hours of 00Z, 06Z, 12Z, and 18Z. Country names are abbreviated as follows:

|    |             |
|----|-------------|
| BZ | Belize      |
| CS | Costa Rica  |
| ES | El Salvador |
| GU | Guatemala   |
| HO | Honduras    |
| NK | Nicaragua   |
| PM | Panama      |

In assembling these tables, station-to-station and year-to-year data availability ranged from poor to excellent. Hourly surface observations, when available, were taken from the USAF Environmental Technical Applications Center (USAFETAC) DATSAV data base, period of record 1973 to 1981. Total sky cover data were obtained from the 3DNEPH data base, period of record 1977 to 1979. Summary-of-the-day data (24-hour precipitation, extreme temperature, etc.) were obtained from numerous sources, including other published data, foreign annuals and bulletins, satellite photographs, and raw data. Periods of record varied with the sources.

Satellite photographs used were from USAF, Defense Meteorological Satellite Program (DMSP) film transparencies archived for NOAA/EDIS by the University of Colorado, and the CIRES/National Snow and Ice Data Center.

All Data were quality-controlled by manual or automated procedures. They were then summarized for presentation in a form useable by analysts. If any data were judged to be inaccurate or nonrepresentative because of raw data scarcity, observing peculiarities, or other shortcomings, they were subjectively altered, normalized, or deleted before inclusion in the final product. Those decisions were made by experienced meteorologists who tried to produce the best, most comprehensive data tables possible from the resources available to them.

TABLE B-1 Mean Monthly Precipitation

|                     | LAT | LON   | JAN   | FEB   | MAR   | APR  | MAY  | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN    |
|---------------------|-----|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|
| AUGUSTINE PINE 10   | BZ  | 17.98 | 88.72 | 4.40  | 1.89  | 2.26 | 2.06 | 2.80  | 7.78  | 5.06  | 6.31  | 10.89 | 9.98  | 7.84  | 64.41  |
| BELIZE              | BZ  | 17.50 | 88.18 | 5.34  | 2.49  | 1.51 | 2.02 | 4.13  | 8.09  | 6.43  | 6.60  | 9.24  | 12.10 | 8.22  | 73.47  |
| CENTRAL FARM        | BZ  | 16.43 | 88.83 | 5.28  | 1.67  | 2.18 | 1.91 | 2.42  | 9.74  | 10.06 | 7.34  | 7.28  | 5.88  | 6.18  | 62.97  |
| COOMA CAIRN         | BZ  | 17.00 | 88.83 | 7.37  | 3.18  | 2.66 | 2.43 | 2.72  | 9.29  | 9.09  | 5.77  | 10.61 | 9.00  | 12.95 | 80.70  |
| COROZAL             | BZ  | 18.40 | 88.40 | 2.98  | 1.69  | 0.70 | 1.76 | 5.16  | 7.71  | 7.85  | 6.27  | 10.93 | 5.00  | 4.10  | 58.53  |
| GRACIE ROCK         | BZ  | 17.37 | 88.45 | 4.08  | 2.67  | 2.91 | 2.18 | 4.25  | 10.14 | 10.54 | 8.48  | 10.43 | 5.99  | 6.44  | 73.13  |
| HACHACA             | BZ  | 16.20 | 88.90 | 8.66  | 4.19  | 5.40 | 2.73 | 5.79  | 19.51 | 24.16 | 19.36 | 17.01 | 10.38 | 8.24  | 130.87 |
| MANGO CREEK         | BZ  | 16.55 | 88.58 | 4.78  | 3.03  | 1.87 | 1.84 | 5.22  | 14.30 | 15.03 | 11.40 | 13.19 | 11.34 | 7.68  | 94.21  |
| MIDDLESEX           | BZ  | 17.03 | 88.52 | 6.62  | 3.72  | 3.40 | 3.20 | 6.25  | 14.62 | 19.55 | 13.75 | 13.99 | 10.54 | 9.22  | 111.08 |
| POMONA              | BZ  | 17.00 | 88.37 | 6.79  | 3.17  | 3.37 | 3.40 | 6.19  | 11.70 | 17.92 | 11.05 | 12.67 | 9.65  | 9.48  | 101.19 |
| STANN CREEK AGR     | BZ  | 16.97 | 88.22 | 5.73  | 2.77  | 2.96 | 3.02 | 5.45  | 10.31 | 11.46 | 9.94  | 10.85 | 10.43 | 10.11 | 89.15  |
| AGUA BUENA          | CS  | 8.73  | 82.92 | 2.08  | 1.17  | 2.68 | 4.52 | 14.25 | 15.48 | 12.55 | 13.01 | 17.80 | 23.13 | 11.27 | 123.32 |
| ARGENTINA GRECIA    | CS  | 10.03 | 84.35 | 0.24  | 0.20  | 0.39 | 1.81 | 11.81 | 12.76 | 10.24 | 10.31 | 13.74 | 16.61 | 6.02  | 85.83  |
| BARTOLO             | CS  | 9.42  | 84.10 | 2.99  | 0.68  | 1.24 | 4.96 | 18.06 | 17.64 | 18.43 | 17.14 | 15.79 | 29.39 | 17.62 | 151.81 |
| COLORADO            | CS  | 10.73 | 83.58 | 23.27 | 10.87 | 6.34 | 9.76 | 17.56 | 21.26 | 30.75 | 29.09 | 13.94 | 18.58 | 22.91 | 244.92 |
| COTO 26             | CS  | 8.53  | 83.05 | 3.89  | 1.97  | 2.72 | 5.33 | 12.13 | 12.70 | 12.32 | 13.50 | 12.67 | 21.96 | 13.19 | 117.87 |
| GOOD HOPE           | CS  | 10.07 | 83.32 | 10.55 | 7.95  | 6.06 | 7.01 | 13.07 | 12.95 | 14.53 | 10.24 | 4.25  | 8.86  | 14.41 | 123.82 |
| JUAN VIVAS          | CS  | 9.57  | 83.73 | 13.46 | 8.58  | 6.06 | 7.01 | 13.07 | 12.95 | 14.53 | 10.24 | 4.25  | 8.86  | 14.41 | 123.82 |
| LIMON               | CS  | 10.00 | 83.05 | 12.72 | 9.06  | 8.50 | 9.65 | 12.68 | 11.97 | 16.18 | 12.72 | 4.76  | 9.69  | 15.24 | 146.65 |
| LOS DIAMANTES       | CS  | 10.22 | 83.77 | 11.22 | 7.64  | 6.46 | 8.82 | 17.60 | 18.19 | 18.58 | 13.07 | 11.26 | 15.91 | 18.54 | 142.79 |
| NARANJO             | CS  | 10.10 | 84.37 | 0.12  | 0.47  | 0.35 | 2.44 | 7.56  | 12.87 | 11.61 | 13.66 | 18.58 | 14.25 | 6.85  | 167.79 |
| NICOYA              | CS  | 10.15 | 85.45 | 0.16  | 0.63  | 0.94 | 2.44 | 9.57  | 13.58 | 10.16 | 13.70 | 14.92 | 16.61 | 5.12  | 91.02  |
| OROTINA             | CS  | 9.88  | 84.52 | 0.12  | 0.67  | 0.55 | 3.19 | 13.03 | 12.60 | 11.97 | 11.69 | 15.47 | 17.32 | 7.83  | 88.27  |
| PUERTO VIEJO        | CS  | 10.43 | 83.98 | 10.67 | 8.70  | 6.26 | 8.19 | 17.72 | 15.39 | 19.84 | 15.75 | 9.09  | 13.50 | 16.02 | 95.20  |
| QUEBRAADA GRANDE    | CS  | 10.83 | 85.50 | 0.98  | 0.51  | 0.55 | 0.83 | 6.61  | 14.61 | 6.89  | 9.25  | 13.54 | 12.20 | 5.87  | 159.92 |
| SAN JOAQUIN FLORES  | CS  | 10.02 | 84.13 | 0.20  | 0.31  | 0.83 | 2.72 | 11.34 | 11.97 | 8.15  | 9.17  | 13.90 | 16.14 | 6.34  | 75.20  |
| SAN MIGUEL BARRANCA | CS  | 10.00 | 84.68 | 0.16  | 0.20  | 0.08 | 1.89 | 11.42 | 13.23 | 10.94 | 10.31 | 13.07 | 15.91 | 6.46  | 82.95  |
| SANTA CRUZ          | CS  | 10.27 | 85.62 | 0.12  | 0.00  | 0.04 | 0.43 | 12.20 | 12.28 | 8.78  | 5.94  | 15.00 | 19.57 | 2.60  | 85.71  |
| TURRIALBA           | CS  | 9.88  | 85.63 | 6.73  | 4.49  | 3.11 | 3.90 | 8.54  | 9.72  | 10.20 | 8.15  | 8.15  | 9.49  | 10.71 | 77.83  |
|                     |     |       |       |       |       |      |      |       |       |       |       |       |       |       | 94.92  |
| ACAJUTLA            | ES  | 13.57 | 89.83 | 0.08  | 0.04  | 0.86 | 2.03 | 6.89  | 11.73 | 10.43 | 10.91 | 13.18 | 10.33 | 1.21  | 67.88  |
| APOFA               | ES  | 13.80 | 89.18 | 0.20  | 0.12  | 0.24 | 2.28 | 8.23  | 13.46 | 13.27 | 13.39 | 13.90 | 8.70  | 1.30  | 0.19   |
| COATEPEQUE          | ES  | 13.90 | 89.83 | 0.12  | 0.04  | 0.20 | 1.93 | 7.64  | 13.15 | 11.97 | 12.17 | 12.99 | 7.13  | 1.26  | 75.29  |
| COJUTEPEQUE         | ES  | 13.72 | 88.93 | 0.16  | 0.00  | 0.35 | 1.89 | 7.91  | 15.32 | 15.04 | 14.06 | 14.29 | 10.87 | 1.50  | 69.54  |
| CUTUCO              | ES  | 13.33 | 87.82 | 0.04  | 0.04  | 0.24 | 1.10 | 10.63 | 14.41 | 7.48  | 10.75 | 18.58 | 13.70 | 1.97  | 81.67  |
| EL CONGO            | ES  | 13.90 | 89.50 | 0.12  | 0.04  | 0.20 | 1.65 | 7.60  | 13.23 | 11.18 | 11.89 | 12.64 | 7.80  | 1.30  | 79.26  |
| FCA. SAN JOSE       | ES  | 13.73 | 89.30 | 0.39  | 0.24  | 0.43 | 2.36 | 9.41  | 19.45 | 15.55 | 14.92 | 18.78 | 13.23 | 1.97  | 67.85  |
| LA TOMA             | ES  | 13.85 | 89.28 | 0.16  | 0.16  | 0.20 | 2.01 | 7.91  | 12.80 | 13.62 | 12.76 | 15.08 | 7.44  | 1.22  | 96.89  |
| METAPAN             | ES  | 14.33 | 89.47 | 0.04  | 0.16  | 0.79 | 1.65 | 7.13  | 11.97 | 9.41  | 8.98  | 12.72 | 6.89  | 0.47  | 73.60  |
| SAN MIGUEL          | ES  | 13.48 | 88.18 | 0.04  | 0.00  | 0.16 | 0.91 | 8.54  | 11.73 | 9.61  | 10.35 | 14.61 | 11.69 | 1.65  | 60.49  |
| SANTA ANA           | ES  | 13.98 | 89.57 | 0.08  | 0.00  | 0.20 | 1.89 | 7.52  | 11.89 | 10.94 | 11.65 | 13.39 | 7.32  | 0.91  | 69.61  |
| SONSONATE           | ES  | 13.72 | 89.73 | 0.12  | 0.12  | 0.24 | 1.85 | 7.60  | 13.39 | 11.81 | 11.81 | 14.09 | 12.76 | 1.10  | 65.99  |
| TEXIS JUNCTION      | ES  | 14.10 | 89.52 | 0.08  | 0.08  | 0.35 | 2.20 | 7.80  | 11.73 | 11.73 | 11.50 | 14.57 | 7.48  | 1.02  | 75.21  |
| VALLE SAN JUAN      | ES  | 13.35 | 88.62 | 0.00  | 0.08  | 0.20 | 0.94 | 6.54  | 13.23 | 11.42 | 11.10 | 15.04 | 14.17 | 1.93  | 68.86  |
| ZACATECOLUCA        | ES  | 13.50 | 88.87 | 0.08  | 0.08  | 0.28 | 1.57 | 9.61  | 15.63 | 13.35 | 13.58 | 18.43 | 14.89 | 2.20  | 74.81  |
|                     |     |       |       |       |       |      |      |       |       |       |       |       |       |       | 89.33  |
| AGUA BLANCA         | GU  | 14.52 | 89.62 | 0.00  | 0.04  | 0.08 | 0.24 | 2.28  | 4.61  | 4.61  | 5.16  | 6.57  | 2.76  | 0.20  | 26.81  |
| ANGUATU             | GU  | 14.35 | 89.58 | 0.00  | 0.04  | 0.08 | 0.47 | 1.65  | 5.43  | 4.49  | 4.41  | 5.24  | 2.36  | 0.39  | 24.61  |
| ANTIGUA             | GU  | 14.55 | 90.73 | 0.08  | 0.12  | 0.12 | 0.71 | 4.21  | 6.97  | 5.98  | 4.72  | 7.83  | 5.28  | 1.38  | 37.52  |
| BELIZ               | GU  | 14.67 | 90.63 | 1.18  | 0.91  | 3.70 | 6.77 | 18.86 | 26.14 | 22.56 | 22.01 | 31.38 | 25.94 | 7.52  | 169.09 |
| BUENA VISTA         | GU  | 14.62 | 91.63 | 1.26  | 1.42  | 4.13 | 7.28 | 17.40 | 19.45 | 17.52 | 17.09 | 26.46 | 24.09 | 7.64  | 195.20 |
| CASTANEDA           | GU  | 14.63 | 89.43 | 0.04  | 0.08  | 0.55 | 0.98 | 5.83  | 10.31 | 9.13  | 9.13  | 12.76 | 5.87  | 0.75  | 54.57  |
| CHAMPERICO          | GU  | 14.30 | 91.92 | 0.31  | 0.04  | 0.16 | 0.55 | 3.78  | 6.69  | 4.25  | 4.25  | 7.48  | 10.12 | 0.51  | 38.66  |
| CHIACAM             | GU  | 15.55 | 90.10 | 6.18  | 5.20  | 3.98 | 4.72 | 10.43 | 21.81 | 21.97 | 17.64 | 17.32 | 19.88 | 10.16 | 146.57 |
| CHINASYUB           | GU  | 15.60 | 90.47 | 11.38 | 8.90  | 7.87 | 9.61 | 11.10 | 19.92 | 18.78 | 14.88 | 19.76 | 27.52 | 20.59 | 186.18 |
| COATEPEQUE          | GU  | 14.70 | 91.87 | 0.35  | 0.24  | 1.26 | 5.28 | 12.60 | 20.63 | 15.79 | 18.27 | 20.59 | 19.84 | 4.61  | 120.51 |

TABLE B-1, Cont'd

|                  | LAT      | LON   | JAN   | FEB  | MAR  | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN    |
|------------------|----------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| CONCEPCION       | GU 14.32 | 90.78 | 0.55  | 0.47 | 3.31 | 5.75  | 18.23 | 24.09 | 22.99 | 16.30 | 26.22 | 20.71 | 5.08  | 0.83  | 136.61 |
| CREEK            | GU 15.32 | 88.95 | 5.71  | 3.39 | 2.76 | 3.07  | 7.13  | 13.98 | 12.13 | 10.98 | 14.69 | 11.38 | 7.91  | 6.57  | 99.45  |
| EL PASO          | GU 17.25 | 90.23 | 1.93  | 1.61 | 1.22 | 2.09  | 6.73  | 9.29  | 7.83  | 7.52  | 11.93 | 10.94 | 4.76  | 3.50  | 69.37  |
| EL RANCHO        | GU 14.92 | 90.00 | 0.04  | 0.08 | 0.08 | 0.51  | 3.39  | 5.24  | 3.15  | 2.01  | 4.96  | 3.03  | 0.39  | 0.08  | 22.95  |
| EL VALLE         | GU 15.87 | 90.28 | 10.51 | 7.83 | 6.54 | 7.24  | 11.42 | 29.92 | 38.78 | 25.87 | 25.59 | 20.63 | 13.74 | 13.46 | 211.42 |
| ENTRE RIOS       | GU 14.48 | 91.57 | 0.24  | 0.63 | 2.83 | 6.18  | 13.94 | 18.03 | 16.57 | 16.57 | 22.32 | 20.71 | 5.16  | 0.43  | 123.94 |
| FLORES           | GU 16.93 | 89.88 | 1.97  | 1.42 | 1.77 | 0.89  | 9.45  | 9.80  | 9.45  | 8.43  | 14.25 | 8.03  | 3.46  | 3.94  | 78.98  |
| GUATEMALA CITY   | GU 14.58 | 90.52 | 0.13  | 0.12 | 0.24 | 0.89  | 5.06  | 9.85  | 7.42  | 7.16  | 9.57  | 5.59  | 0.92  | 0.28  | 47.23  |
| GUAXAC           | GU 15.33 | 90.13 | 3.43  | 3.23 | 2.44 | 2.95  | 10.08 | 20.20 | 19.37 | 14.41 | 19.80 | 12.83 | 5.43  | 3.58  | 115.91 |
| LA GLORIA        | GU 14.12 | 90.37 | 0.24  | 0.16 | 0.91 | 2.76  | 11.77 | 19.53 | 9.88  | 13.19 | 23.03 | 17.56 | 1.97  | 0.51  | 101.50 |
| LA MORENA        | GU 14.17 | 90.37 | 0.12  | 0.20 | 0.31 | 1.57  | 7.01  | 15.55 | 10.87 | 9.80  | 15.91 | 11.26 | 1.14  | 0.59  | 74.41  |
| LA REUNION       | GU 14.43 | 90.83 | 0.79  | 0.87 | 1.85 | 2.68  | 10.12 | 23.15 | 15.59 | 18.98 | 28.39 | 13.43 | 2.28  | 0.79  | 118.62 |
| LAS DELICIAS     | GU 14.53 | 91.02 | 0.91  | 0.87 | 2.68 | 4.72  | 15.75 | 22.95 | 14.53 | 15.83 | 27.72 | 15.51 | 2.05  | 1.06  | 124.45 |
| LAS VINAL        | GU 14.33 | 90.43 | 0.35  | 0.20 | 0.91 | 2.01  | 9.24  | 14.09 | 10.00 | 11.63 | 20.43 | 11.06 | 1.97  | 0.59  | 75.94  |
| LOS BALSAMOS     | GU 14.98 | 89.92 | 1.26  | 1.00 | 0.65 | 1.69  | 6.84  | 23.05 | 12.93 | 11.63 | 20.87 | 15.08 | 4.21  | 2.60  | 101.81 |
| MAYAGUA          | GU 15.45 | 89.67 | 3.86  | 2.91 | 2.68 | 3.66  | 10.35 | 20.83 | 24.09 | 19.21 | 20.04 | 12.48 | 5.20  | 4.69  | 130.00 |
| MOCCA            | GU 15.35 | 90.90 | 4.84  | 3.62 | 3.15 | 4.72  | 11.46 | 21.69 | 21.81 | 17.72 | 20.63 | 19.13 | 8.43  | 5.87  | 143.11 |
| MORAN            | GU 14.48 | 90.53 | 0.04  | 0.04 | 0.12 | 0.59  | 4.29  | 9.37  | 8.46  | 8.43  | 8.62  | 5.79  | 0.83  | 0.16  | 46.73  |
| MORELIA          | GU 14.42 | 90.97 | 2.01  | 2.32 | 3.82 | 7.91  | 24.13 | 31.69 | 24.65 | 27.76 | 36.69 | 31.93 | 7.05  | 2.91  | 202.87 |
| PALO GORDO       | GU 14.48 | 91.40 | 0.43  | 0.87 | 2.36 | 4.76  | 15.55 | 23.94 | 18.35 | 18.90 | 22.87 | 24.72 | 7.48  | 1.30  | 141.54 |
| PAMPOJILA        | GU 14.62 | 91.13 | 0.24  | 0.35 | 0.91 | 1.81  | 8.23  | 17.95 | 10.51 | 10.51 | 18.78 | 10.24 | 1.61  | 0.59  | 81.73  |
| PANTEE PLAYA AS  | GU 15.35 | 88.82 | 5.20  | 2.83 | 2.48 | 2.82  | 5.39  | 9.76  | 8.78  | 7.48  | 10.51 | 9.61  | 8.62  | 6.69  | 80.08  |
| PENA PLATA       | GU 14.45 | 91.08 | 0.75  | 1.10 | 2.20 | 5.94  | 16.26 | 21.61 | 19.41 | 19.92 | 26.93 | 22.83 | 5.43  | 1.54  | 143.90 |
| PUERTO BACCIOS   | GU 15.73 | 88.60 | 7.76  | 4.53 | 3.98 | 5.24  | 8.39  | 10.87 | 19.09 | 12.24 | 12.32 | 14.57 | 11.97 | 10.16 | 121.06 |
| QUIRIGUA         | GU 15.27 | 89.07 | 4.33  | 2.48 | 2.56 | 2.52  | 7.32  | 12.13 | 11.54 | 9.84  | 13.35 | 9.06  | 7.44  | 6.18  | 88.78  |
| SAN JOSE         | GU 13.92 | 90.82 | 0.00  | 0.04 | 0.39 | 1.50  | 4.41  | 9.92  | 9.76  | 8.78  | 10.79 | 10.91 | 0.83  | 0.04  | 57.36  |
| SAN RAFAEL PANAN | GU 14.50 | 91.25 | 1.14  | 2.40 | 4.69 | 11.42 | 19.65 | 24.65 | 17.36 | 20.67 | 27.44 | 21.18 | 6.46  | 2.20  | 159.17 |
| SANARATE         | GU 14.78 | 90.20 | 0.00  | 0.08 | 0.16 | 0.55  | 3.35  | 5.28  | 3.11  | 2.95  | 6.61  | 3.35  | 0.20  | 0.28  | 25.94  |
| SANTA TERESA     | GU 14.98 | 91.90 | 2.91  | 1.77 | 5.04 | 11.06 | 22.76 | 27.09 | 19.76 | 22.83 | 29.65 | 23.82 | 6.73  | 3.07  | 176.50 |
| SEPACUTE         | GU 15.47 | 89.78 | 8.31  | 5.47 | 3.98 | 4.84  | 11.38 | 23.03 | 25.98 | 19.49 | 20.35 | 16.02 | 10.55 | 8.46  | 157.76 |
| TENEDORES        | GU 15.55 | 88.63 | 4.21  | 1.81 | 1.65 | 1.97  | 4.13  | 7.24  | 9.49  | 9.02  | 8.03  | 7.87  | 6.97  | 4.80  | 68.31  |
| TINAJAS          | GU 15.32 | 89.67 | 4.41  | 1.89 | 2.24 | 3.15  | 9.02  | 15.51 | 20.28 | 15.35 | 16.14 | 7.87  | 4.09  | 4.13  | 104.13 |
| WESTFALIA        | GU 15.25 | 89.60 | 3.50  | 2.13 | 2.09 | 2.99  | 7.44  | 13.82 | 15.98 | 12.60 | 13.70 | 9.13  | 4.41  | 3.58  | 91.34  |
| AGUA CALIENTE    | HO 14.67 | 87.30 | 1.18  | 0.79 | 1.14 | 1.73  | 5.87  | 8.46  | 6.77  | 5.67  | 7.72  | 6.50  | 2.64  | 1.61  | 50.08  |
| AMAPA            | HO 15.05 | 87.98 | 2.20  | 1.46 | 0.83 | 1.18  | 4.53  | 10.67 | 11.77 | 9.49  | 13.54 | 8.98  | 4.96  | 3.23  | 72.91  |
| CATACAMAS        | HO 14.90 | 85.93 | 1.82  | 0.79 | 0.55 | 1.19  | 5.09  | 9.19  | 8.87  | 6.36  | 7.19  | 6.28  | 2.62  | 1.74  | 51.69  |
| CHOLUTEC         | HO 13.30 | 87.18 | 0.00  | 0.10 | 0.39 | 1.87  | 10.35 | 15.00 | 6.77  | 8.14  | 15.80 | 12.90 | 2.00  | 0.26  | 73.57  |
| CHUMBAGUA        | HO 15.25 | 88.47 | 1.89  | 1.26 | 1.18 | 1.50  | 3.82  | 10.20 | 7.68  | 6.18  | 8.07  | 6.97  | 4.06  | 3.43  | 56.22  |
| COMAYAGUA        | HO 14.42 | 87.63 | 0.55  | 0.35 | 0.28 | 1.38  | 4.45  | 7.56  | 5.39  | 6.57  | 5.59  | 5.98  | 1.73  | 0.91  | 44.68  |
| COYOLIS          | HO 15.48 | 86.68 | 2.09  | 1.22 | 0.63 | 0.79  | 2.32  | 5.28  | 3.86  | 2.87  | 4.53  | 4.92  | 4.21  | 3.19  | 35.91  |
| DULCE NOMBRE     | HO 14.83 | 88.83 | 1.85  | 0.79 | 0.94 | 1.38  | 4.57  | 9.80  | 7.99  | 6.02  | 10.12 | 6.18  | 2.91  | 2.56  | 55.12  |
| EL ZAHORANO      | HO 15.25 | 87.03 | 0.55  | 0.39 | 0.47 | 1.26  | 5.24  | 9.53  | 6.06  | 5.20  | 7.52  | 5.63  | 1.77  | 0.47  | 44.09  |
| FINCA #17        | HO 15.25 | 87.03 | 2.20  | 1.57 | 1.14 | 1.02  | 4.06  | 9.21  | 8.03  | 6.26  | 7.53  | 6.85  | 7.20  | 4.57  | 61.65  |
| GUANACASTAL      | HO 15.67 | 87.83 | 3.19  | 3.74 | 2.13 | 1.54  | 1.97  | 8.98  | 8.78  | 5.12  | 7.72  | 10.94 | 7.48  | 5.67  | 67.24  |
| GUANAJA          | HO 16.47 | 85.72 | 8.61  | 3.93 | 2.73 | 2.64  | 2.61  | 4.79  | 8.97  | 6.11  | 5.22  | 16.95 | 16.50 | 13.99 | 93.04  |
| HAC. SAN ISIDRO  | HO 13.87 | 86.57 | 1.10  | 0.39 | 0.67 | 1.06  | 3.90  | 8.74  | 6.57  | 4.72  | 5.63  | 6.57  | 2.52  | 0.91  | 42.80  |
| JUTICALPA        | HO 15.78 | 86.57 | 2.72  | 1.18 | 0.83 | 1.06  | 8.82  | 10.87 | 8.58  | 6.69  | 12.72 | 8.94  | 4.17  | 5.24  | 71.81  |
| JUTICALPA        | HO 14.77 | 86.25 | 2.40  | 1.38 | 0.67 | 0.91  | 5.28  | 8.07  | 7.76  | 5.20  | 7.80  | 7.17  | 3.86  | 1.61  | 52.09  |
| LA CEIBA         | HO 15.78 | 86.83 | 13.94 | 8.70 | 5.24 | 4.25  | 3.66  | 4.88  | 5.04  | 5.87  | 8.43  | 15.24 | 11.26 | 16.54 | 103.03 |
| LA MESA          | HO 15.45 | 87.93 | 2.36  | 2.09 | 1.34 | 1.26  | 2.66  | 6.30  | 4.65  | 3.54  | 6.22  | 6.89  | 4.76  | 4.72  | 46.89  |
| LAMANI           | HO 14.15 | 87.62 | 0.43  | 0.31 | 0.43 | 2.28  | 8.82  | 14.72 | 9.06  | 5.51  | 12.64 | 7.60  | 1.02  | 0.35  | 63.19  |
| LOS PLANES       | HO 15.62 | 86.40 | 6.06  | 3.70 | 2.56 | 2.32  | 5.67  | 8.07  | 4.17  | 6.38  | 7.76  | 11.50 | 11.46 | 8.35  | 77.20  |
| MANACAL          | HO 15.38 | 88.17 | 2.05  | 1.14 | 1.26 | 1.38  | 2.40  | 6.69  | 6.06  | 4.69  | 6.69  | 6.10  | 3.78  | 3.11  | 45.35  |
| MARCLA           | HO 14.12 | 88.00 | 0.24  | 0.08 | 0.24 | 1.46  | 5.79  | 10.39 | 9.72  | 7.99  | 12.68 | 5.67  | 0.28  | 0.39  | 55.31  |
| MINAS SAN ANDRES | HO 14.92 | 88.93 | 0.63  | 0.94 | 0.63 | 1.54  | 5.91  | 12.05 | 9.21  | 8.35  | 16.18 | 4.65  | 2.80  | 1.26  | 64.13  |
| MOROCELI         | HO 14.13 | 86.88 | 0.08  | 0.08 | 0.12 | 0.31  | 3.15  | 5.87  | 2.72  | 4.02  | 4.45  | 3.98  | 1.22  | 0.12  | 26.10  |

TABLE B-1, Cont'd

|                    | LAT   | LONG  | JAN   | FEB   | MAR  | APR  | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN    |
|--------------------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| NVO OCOTEPEQUE     | 14.43 | 89.17 | 0.55  | 0.16  | 0.75 | 1.89 | 5.31  | 10.00 | 8.23  | 7.68  | 10.16 | 4.92  | 1.26  | 0.51  | 51.42  |
| NVO ROSARIO        | 14.22 | 87.08 | 1.85  | 0.94  | 0.91 | 1.65 | 7.09  | 9.57  | 6.89  | 5.67  | 8.50  | 8.58  | 3.66  | 2.32  | 57.64  |
| PENA BLANCA        | 14.93 | 88.05 | 5.79  | 3.90  | 3.27 | 2.28 | 7.09  | 17.05 | 22.44 | 17.24 | 19.84 | 15.00 | 8.03  | 6.89  | 128.86 |
| PROGRESO           | 15.35 | 87.97 | 3.46  | 2.36  | 1.81 | 1.65 | 3.35  | 6.46  | 6.89  | 5.35  | 7.13  | 8.31  | 8.54  | 5.87  | 61.18  |
| PUERTO CORTES      | 15.80 | 87.93 | 11.50 | 5.16  | 4.88 | 4.25 | 4.96  | 6.46  | 7.56  | 7.72  | 8.86  | 19.41 | 17.87 | 14.80 | 113.43 |
| PUERTO LEMPIRA     | 15.22 | 83.78 | 7.47  | 3.62  | 2.26 | 2.53 | 6.96  | 12.86 | 10.77 | 10.51 | 10.64 | 15.40 | 14.51 | 8.81  | 106.28 |
| SABANAGRANDE       | 13.82 | 87.27 | 0.12  | 0.16  | 0.51 | 1.65 | 6.50  | 9.53  | 2.83  | 2.72  | 10.55 | 6.22  | 1.06  | 7.24  | 49.02  |
| SAN ALEJO          | 15.63 | 87.57 | 8.78  | 6.73  | 3.98 | 3.68 | 3.54  | 5.35  | 9.17  | 8.03  | 14.84 | 13.03 | 13.94 | 99.76 |        |
| SAN MARCOS         | 13.42 | 86.82 | 0.08  | 0.39  | 0.71 | 1.30 | 10.08 | 7.76  | 3.66  | 2.13  | 8.03  | 9.02  | 1.14  | 0.20  | 44.49  |
| SAN PEDRO SULA     | 15.47 | 88.02 | 2.83  | 2.05  | 2.01 | 1.42 | 3.62  | 6.26  | 6.06  | 4.61  | 7.52  | 7.05  | 5.67  | 4.72  | 64.65  |
| TEGUCIGALPA        | 14.05 | 87.22 | 0.38  | 0.18  | 0.30 | 1.16 | 6.07  | 6.05  | 3.23  | 3.65  | 7.20  | 5.49  | 1.50  | 0.50  | 35.69  |
| TELA               | 15.72 | 87.48 | 9.62  | 6.92  | 3.18 | 3.21 | 3.71  | 5.43  | 6.88  | 8.94  | 8.52  | 14.03 | 16.04 | 14.41 | 100.85 |
| TRUJILLO           | 15.92 | 85.98 | 13.35 | 8.07  | 4.41 | 2.91 | 4.49  | 4.29  | 5.47  | 4.29  | 6.34  | 17.24 | 20.43 | 15.63 | 106.93 |
| URRACO             | 15.55 | 87.77 | 5.35  | 3.19  | 2.09 | 1.93 | 3.23  | 5.63  | 6.54  | 6.26  | 6.57  | 8.66  | 11.85 | 7.32  | 68.62  |
| VERACRUZ           | 14.90 | 88.78 | 1.77  | 0.87  | 1.02 | 1.22 | 5.51  | 11.77 | 9.13  | 7.48  | 11.34 | 7.20  | 3.43  | 2.68  | 63.43  |
| YORO               | 15.17 | 87.12 | 1.06  | 1.18  | 0.59 | 1.22 | 5.16  | 6.14  | 4.29  | 3.94  | 6.02  | 6.18  | 4.09  | 2.20  | 42.09  |
| ZACAPA             | 14.68 | 88.07 | 1.93  | 1.46  | 1.42 | 1.18 | 4.29  | 9.57  | 10.12 | 8.90  | 10.87 | 9.45  | 4.09  | 2.44  | 65.71  |
| BLUEFIELDS         | 12.00 | 83.72 | 9.96  | 4.09  | 2.80 | 3.86 | 13.74 | 19.92 | 31.54 | 24.37 | 12.48 | 13.19 | 14.29 | 14.13 | 164.37 |
| CARATERA           | 13.22 | 85.75 | 4.37  | 1.93  | 1.34 | 1.46 | 8.86  | 13.94 | 16.54 | 9.72  | 10.43 | 11.30 | 6.57  | 4.69  | 91.14  |
| CIUDAD RIVAS       | 11.43 | 85.85 | 0.43  | 0.20  | 0.16 | 0.20 | 7.60  | 11.57 | 6.93  | 6.93  | 11.65 | 12.83 | 3.07  | 0.91  | 62.48  |
| COLON              | 11.12 | 85.47 | 3.15  | 1.85  | 0.67 | 0.75 | 7.32  | 13.31 | 12.87 | 10.12 | 10.59 | 11.77 | 7.52  | 6.06  | 85.94  |
| ESTELI             | 13.08 | 86.38 | 0.08  | 0.12  | 0.28 | 0.98 | 4.25  | 7.80  | 2.72  | 3.11  | 7.24  | 8.74  | 1.42  | 0.91  | 37.64  |
| GRANADA            | 11.93 | 85.95 | 0.20  | 0.08  | 0.24 | 0.83 | 6.02  | 11.26 | 6.42  | 6.73  | 10.67 | 11.38 | 2.99  | 0.91  | 57.76  |
| JINOTEGA           | 13.10 | 86.00 | 1.54  | 0.91  | 0.43 | 0.51 | 5.51  | 7.28  | 5.83  | 4.84  | 6.46  | 8.58  | 2.94  | 1.73  | 45.79  |
| JUIGALPA           | 12.12 | 85.37 | 0.39  | 0.16  | 0.08 | 0.31 | 7.09  | 9.21  | 5.94  | 6.18  | 11.85 | 10.47 | 2.80  | 1.02  | 55.51  |
| LEON               | 12.45 | 86.87 | 0.00  | 0.00  | 0.00 | 0.75 | 5.71  | 12.60 | 5.20  | 6.02  | 8.90  | 15.75 | 4.37  | 12.87 | 126.54 |
| LOS PILARES        | 10.83 | 83.97 | 9.33  | 5.63  | 2.48 | 3.50 | 9.72  | 17.17 | 16.89 | 14.69 | 13.19 | 10.39 | 10.67 | 12.87 | 126.54 |
| MANAGUA            | 12.15 | 86.28 | 0.12  | 0.04  | 0.12 | 0.43 | 5.79  | 8.31  | 5.35  | 4.33  | 8.50  | 11.50 | 1.73  | 0.39  | 46.65  |
| MATAGALPA          | 12.88 | 85.95 | 1.22  | 0.51  | 0.51 | 0.71 | 5.35  | 9.84  | 7.17  | 6.10  | 9.61  | 9.02  | 2.68  | 0.83  | 53.54  |
| MUHAN              | 12.13 | 84.97 | 2.40  | 2.09  | 0.83 | 1.06 | 6.61  | 12.44 | 11.42 | 11.46 | 9.41  | 10.55 | 8.74  | 4.21  | 81.22  |
| PUERTO CABEZAS     | 14.03 | 83.40 | 6.52  | 3.27  | 1.50 | 2.02 | 10.44 | 16.97 | 18.81 | 14.41 | 10.94 | 13.18 | 13.95 | 11.01 | 123.02 |
| SAN ANTONIO        | 12.58 | 87.08 | 0.04  | 0.04  | 0.12 | 0.94 | 9.72  | 13.35 | 7.64  | 10.43 | 15.98 | 20.20 | 3.11  | 0.28  | 81.73  |
| SAN JUAN DEL NORTE | 10.93 | 83.70 | 17.17 | 11.26 | 4.80 | 6.73 | 15.28 | 23.66 | 31.81 | 22.83 | 13.94 | 21.50 | 35.39 | 30.98 | 235.55 |
| SAN MARCOS         | 11.83 | 86.20 | 0.67  | 0.24  | 0.31 | 0.35 | 8.70  | 12.80 | 6.38  | 7.28  | 12.68 | 17.09 | 3.11  | 1.54  | 70.87  |
| SAN MIGUELITO      | 11.38 | 84.90 | 2.87  | 1.22  | 0.63 | 0.75 | 6.65  | 16.50 | 16.81 | 14.80 | 14.92 | 14.06 | 6.14  | 4.25  | 99.57  |
| SAN UBALDO         | 11.83 | 85.33 | 0.71  | 0.16  | 0.08 | 0.51 | 6.06  | 9.17  | 7.48  | 7.52  | 11.10 | 10.55 | 3.58  | 1.34  | 58.31  |
| SIUNA              | 13.67 | 84.58 | 2.87  | 2.41  | 1.02 | 1.39 | 8.26  | 14.33 | 10.73 | 9.23  | 11.09 | 9.47  | 4.72  | 3.42  | 78.68  |
| ALANJE             | 8.30  | 82.53 | 0.75  | 2.95  | 0.67 | 5.59 | 8.90  | 10.51 | 10.39 | 12.91 | 10.98 | 15.31 | 11.10 | 5.24  | 95.31  |
| ALTO LINO          | 8.60  | 82.50 | 7.64  | 4.34  | 3.98 | 3.52 | 17.37 | 17.33 | 12.08 | 8.43  | 12.47 | 19.06 | 11.52 | 12.58 | 130.31 |
| BALBOA HEIGHTS     | 8.97  | 79.55 | 1.69  | 0.60  | 0.55 | 2.40 | 8.47  | 7.85  | 8.00  | 8.47  | 7.55  | 11.23 | 10.81 | 5.67  | 73.29  |
| BOCA DE CUPE       | 8.05  | 77.58 | 1.65  | 2.09  | 2.13 | 6.22 | 12.91 | 13.54 | 9.69  | 8.74  | 7.95  | 7.72  | 6.69  | 3.19  | 82.52  |
| CALDERA            | 8.65  | 82.38 | 0.67  | 2.95  | 4.09 | 9.02 | 12.09 | 17.32 | 16.34 | 16.73 | 25.28 | 34.09 | 13.07 | 2.60  | 154.25 |
| CAMERON            | 8.07  | 81.65 | 0.55  | 1.65  | 1.30 | 6.46 | 10.63 | 18.98 | 15.87 | 18.66 | 21.02 | 31.97 | 23.43 | 4.80  | 155.31 |
| CHANGUINOLA        | 9.48  | 82.48 | 7.40  | 4.65  | 5.67 | 4.96 | 8.11  | 7.88  | 9.53  | 7.17  | 2.40  | 4.45  | 9.69  | 9.53  | 80.75  |
| CHORRO             | 8.97  | 79.98 | 2.79  | 1.05  | 1.19 | 3.27 | 11.17 | 8.76  | 8.47  | 10.61 | 12.36 | 12.62 | 14.72 | 8.24  | 95.25  |
| CRISTOBAL          | 9.35  | 79.92 | 3.31  | 1.55  | 1.48 | 4.04 | 12.49 | 13.09 | 15.47 | 15.40 | 12.50 | 12.50 | 22.63 | 12.13 | 126.59 |
| GAMBOA             | 9.12  | 79.70 | 1.46  | 0.71  | 0.56 | 3.04 | 10.39 | 9.82  | 9.82  | 10.51 | 9.79  | 12.21 | 12.21 | 6.22  | 86.59  |
| GATUN              | 9.27  | 79.93 | 3.29  | 1.85  | 1.76 | 4.76 | 12.91 | 11.56 | 12.77 | 13.64 | 11.19 | 16.33 | 21.61 | 12.31 | 123.98 |
| HOWARD AFB         | 8.91  | 79.60 | 0.60  | 1.81  | 0.48 | 3.36 | 7.72  | 7.26  | 7.07  | 7.47  | 6.95  | 9.93  | 9.54  | 5.38  | 67.57  |
| ISLA GRANDE        | 9.63  | 79.57 | 2.38  | 1.59  | 0.89 | 1.88 | 11.24 | 10.96 | 11.40 | 11.16 | 9.35  | 11.79 | 18.01 | 11.17 | 101.82 |
| HADDEN DAM         | 9.20  | 79.62 | 1.17  | 0.67  | 0.38 | 2.82 | 10.63 | 11.67 | 12.50 | 11.74 | 11.15 | 14.75 | 13.03 | 5.33  | 95.84  |
| MONTA LIRIO        | 9.23  | 79.85 | 2.40  | 1.82  | 1.60 | 4.00 | 11.20 | 11.40 | 11.59 | 12.81 | 11.49 | 15.82 | 19.75 | 11.32 | 115.20 |
| NARGANA            | 9.48  | 78.52 | 3.34  | 1.65  | 0.72 | 3.43 | 11.61 | 9.58  | 11.42 | 10.79 | 7.09  | 8.12  | 17.79 | 6.93  | 93.12  |
| PEDRO MIGUEL       | 9.02  | 79.62 | 1.17  | 0.44  | 0.41 | 3.18 | 9.81  | 9.29  | 9.16  | 9.11  | 8.85  | 11.84 | 11.43 | 5.82  | 80.51  |
| PELUCA             | 9.38  | 79.57 | 3.84  | 2.17  | 1.49 | 5.56 | 13.33 | 12.75 | 12.75 | 13.22 | 11.67 | 13.04 | 16.84 | 13.00 | 119.63 |

TABLE B-1, Cont'd

|                  | LAT     | LON   | JAN  | FEB  | MAR  | APR  | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC  | ANN   |
|------------------|---------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| PUERTO ARMUELLES | PM 9.90 | 84.10 | 0.37 | 0.14 | 0.49 | 1.78 | 8.99  | 10.97 | 8.51  | 9.37  | 12.58 | 12.89 | 5.76  | 1.60 | 73.43 |
| SALAMANCA        | PM 9.32 | 79.58 | 1.38 | 0.77 | 0.42 | 2.88 | 10.37 | 11.78 | 11.67 | 11.44 | 12.01 | 14.31 | 14.24 | 6.43 | 97.70 |
| SANTA CLARA      | PM 8.40 | 80.12 | 0.43 | 0.11 | 0.04 | 0.61 | 6.08  | 5.55  | 4.33  | 5.49  | 4.99  | 7.32  | 6.77  | 3.03 | 44.75 |
| SANTA ROSA       | PM 8.20 | 80.67 | 0.37 | 0.38 | 0.05 | 1.40 | 8.47  | 7.99  | 6.67  | 7.69  | 9.13  | 13.89 | 9.72  | 2.82 | 68.58 |
| TONOSI           | PM 7.38 | 80.38 | 1.01 | 0.08 | 0.17 | 1.82 | 8.82  | 9.32  | 8.86  | 8.77  | 9.11  | 16.45 | 14.08 | 5.13 | 83.62 |

TABLE B-2 Days with Precipitation > Specified Amount

|                  | AMT   | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN    |
|------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| BELIZE INTL      | 1MM   | BZ  | 13  | 7   | 5   | 4   | 6   | 15  | 17  | 16  | 15  | 15  | 14  | 12 153 |
| LIBERIA          | TRACE | CS  | *   | *   | *   | 1   | 8   | 15  | 12  | 12  | 17  | 16  | 5   | 1 87   |
| LIMON            | 1MM   | CS  | 11  | 17  | 17  | 13  | 15  | 18  | 15  | 15  | 12  | 15  | 19  | 19 186 |
| PUNTARENAS       | TRACE | CS  | *   | 1   | 1   | 2   | 7   | 14  | 14  | 10  | 14  | 13  | 7   | 2 84   |
| SAN JOSE         | 1MM   | CS  | 1   | 1   | 1   | 8   | 19  | 19  | 17  | 21  | 24  | 19  | 13  | 3 146  |
| ACAJUTLA         | 1MM   | ES  | 1   | 0   | 2   | 3   | 9   | 17  | 15  | 16  | 16  | 13  | 3   | 1 96   |
| SAN SALVADOR     | TRACE | ES  | 1   | 1   | 1   | 5   | 13  | 20  | 22  | 21  | 21  | 16  | 5   | 1 127  |
| SANTA ANA        | TRACE | ES  | *   | 1   | 1   | 5   | 13  | 19  | 21  | 17  | 18  | 12  | 3   | 1 110  |
| FLORES           | UNK   | GU  | 11  | 5   | 3   | 3   | 7   | 16  | 18  | 20  | 19  | 14  | 13  | 11 142 |
| GUATEMALA CITY   | 1MM   | GU  | 1   | 1   | 1   | 3   | 9   | 16  | 15  | 16  | 15  | 12  | 4   | 1 96   |
| HUEHUETENANGO    | 1MM   | GU  | 1   | 1   | 1   | 4   | 12  | 14  | 10  | 12  | 14  | 12  | 4   | 1 86   |
| PUERTO BARRIOS   | TRACE | GU  | 20  | 11  | 10  | 12  | 15  | 23  | 28  | 25  | 21  | 20  | 20  | 21 225 |
| SAN JOSE         | UNK   | GU  | *   | *   | 1   | 3   | 8   | 12  | 12  | 13  | 15  | 12  | 3   | * 79   |
| CATACAMAS        | 1MM   | HO  | 14  | 6   | 5   | 6   | 14  | 22  | 23  | 23  | 20  | 18  | 16  | 14 181 |
| CHOLUTECA        | 1MM   | HO  | 1   | 0   | 1   | 3   | 15  | 20  | 12  | 17  | 22  | 19  | 7   | 1 118  |
| GUANAJA          | 1MM   | HO  | 17  | 9   | 7   | 5   | 4   | 12  | 19  | 15  | 12  | 19  | 19  | 16 154 |
| ISLAS DEL CISNE  | 1MM   | HO  | 10  | 6   | 4   | 3   | 6   | 11  | 12  | 10  | 11  | 16  | 15  | 11 115 |
| LA CEIBA         | 1MM   | HO  | 14  | 9   | 3   | 6   | 7   | 12  | 14  | 18  | 16  | 16  | 17  | 14 146 |
| PUERTO LEMPIRA   | 1MM   | HO  | 21  | 12  | 11  | 8   | 14  | 20  | 22  | 23  | 22  | 24  | 22  | 21 220 |
| SAN PEDRO SULA   | 1MM   | HO  | 10  | 7   | 4   | 4   | 7   | 13  | 14  | 14  | 14  | 13  | 15  | 11 126 |
| TEGUCIGALPA      | 1MM   | HO  | 4   | 2   | 1   | 4   | 13  | 17  | 15  | 16  | 19  | 18  | 10  | 6 125  |
| TELA             | 1MM   | HO  | 16  | 12  | 8   | 6   | 7   | 13  | 18  | 21  | 16  | 18  | 19  | 17 171 |
| BLUEFIELDS       | TRACE | NK  | 22  | 15  | 12  | 11  | 17  | 25  | 29  | 26  | 21  | 21  | 22  | 22 243 |
| JUIGALPA         | TRACE | NK  | 8   | 4   | 1   | 2   | 8   | 16  | 18  | 14  | 18  | 17  | 12  | 6 123  |
| PUERTO CABEZAS   | TRACE | NK  | 18  | 11  | 8   | 8   | 14  | 21  | 26  | 22  | 19  | 20  | 19  | 19 204 |
| RIVAS            | TRACE | NK  | 4   | 3   | *   | 1   | 8   | 17  | 13  | 15  | 19  | 22  | 12  | 6 120  |
| CHANGUINOLA INTL | TRACE | PH  | 17  | 14  | 15  | 17  | 18  | 18  | 21  | 18  | 14  | 16  | 18  | 21 207 |
| DAVID            | TRACE | PH  | 3   | 1   | 2   | 7   | 19  | 20  | 19  | 19  | 22  | 23  | 20  | 10 164 |
| HOWARD AFB       | 1MM   | PH  | 5   | 1   | 2   | 7   | 17  | 18  | 18  | 17  | 17  | 23  | 21  | 14 160 |
| LA PALMA         | 1MM   | PH  | 1   | 1   | 1   | 3   | 13  | 19  | 20  | 19  | 20  | 25  | 18  | 11 150 |
| PANAMA CITY      | 1MM   | PH  | 4   | 2   | 1   | 3   | 17  | 17  | 18  | 16  | 16  | 19  | 21  | 14 150 |
| RIO HATO         | TRACE | PH  | 2   | 1   | 1   | 4   | 13  | 16  | 15  | 14  | 13  | 20  | 19  | 12 128 |
| SANTIAGO         | 1MM   | PH  | *   | *   | *   | 2   | 13  | 14  | 13  | 13  | 15  | 19  | 16  | 6 111  |
| TOCUMEN          | TRACE | PH  | 6   | 4   | 2   | 5   | 18  | 19  | 20  | 18  | 20  | 21  | 22  | 15 167 |

AN \* INDICATES AN OCCURRENCE OF LESS THAN 1 DAY

TABLE B-3 Mean Monthly Temperatures

|                     |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE              | 82 | 74  | 76  | 78  | 80  | 81  | 81  | 81  | 82  | 81  | 80  | 76  | 75  | 79  |
| ALAJUELA            | CS | 71  | 72  | 73  | 74  | 73  | 73  | 72  | 72  | 72  | 71  | 71  | 71  | 72  |
| ALTO DE OCHOMOGO    | CS | 66  | 66  | 66  | 68  | 68  | 66  | 68  | 67  | 67  | 66  | 66  | 66  | 67  |
| ARGENTINA GRECIA    | CS | 77  | 75  | 75  | 76  | 75  | 74  | 75  | 75  | 74  | 73  | 73  | 73  | 75  |
| ATENAS              | CS | 74  | 75  | 77  | 77  | 77  | 75  | 75  | 75  | 74  | 73  | 73  | 73  | 73  |
| AVANCE              | CS | 61  | 63  | 63  | 64  | 64  | 64  | 63  | 63  | 64  | 63  | 62  | 62  | 63  |
| BUENVISTA           | CS | 65  | 65  | 67  | 68  | 68  | 68  | 67  | 67  | 67  | 66  | 66  | 65  | 67  |
| CAIRO               | CS | 74  | 74  | 75  | 75  | 75  | 77  | 76  | 76  | 76  | 75  | 73  | 72  | 75  |
| CANAS               | CS | 82  | 84  | 84  | 84  | 83  | 82  | 82  | 82  | 82  | 81  | 81  | 80  | 82  |
| CIUDAD QUESADA      | CS | 71  | 72  | 78  | 79  | 75  | 74  | 73  | 74  | 75  | 74  | 73  | 72  | 74  |
| EL COCO             | CS | 72  | 73  | 75  | 75  | 74  | 72  | 72  | 73  | 72  | 72  | 72  | 72  | 73  |
| EL GUARCO           | CS | 62  | 64  | 64  | 66  | 68  | 66  | 66  | 67  | 67  | 66  | 65  | 63  | 65  |
| ESPARTA             | CS | 79  | 81  | 84  | 84  | 80  | 80  | 79  | 78  | 78  | 78  | 78  | 78  | 80  |
| FILADELFA           | CS | 83  | 83  | 84  | 85  | 84  | 83  | 82  | 83  | 82  | 82  | 83  | 83  | 83  |
| GOLFITO             | CS | 83  | 84  | 84  | 84  | 83  | 82  | 82  | 82  | 82  | 82  | 82  | 82  | 82  |
| GRECIA              | CS | 71  | 73  | 74  | 74  | 74  | 73  | 73  | 73  | 73  | 72  | 72  | 71  | 73  |
| JUAN VIVAS          | CS | 68  | 67  | 68  | 69  | 72  | 71  | 69  | 72  | 72  | 71  | 69  | 68  | 70  |
| LIBERIA             | CS | 81  | 80  | 82  | 85  | 83  | 81  | 82  | 82  | 81  | 80  | 80  | 80  | 81  |
| LIMON               | CS | 76  | 76  | 77  | 78  | 80  | 78  | 74  | 78  | 78  | 78  | 77  | 76  | 77  |
| LOLA (LA)           | CS | 75  | 75  | 76  | 77  | 79  | 79  | 78  | 78  | 79  | 78  | 77  | 76  | 77  |
| NICOYA              | CS | 79  | 81  | 83  | 84  | 82  | 82  | 81  | 82  | 81  | 79  | 79  | 79  | 81  |
| OROTINA             | CS | 81  | 82  | 83  | 83  | 81  | 78  | 78  | 79  | 78  | 78  | 79  | 79  | 80  |
| PACAYAS             | CS | 60  | 61  | 61  | 64  | 63  | 64  | 64  | 64  | 65  | 63  | 63  | 62  | 63  |
| PALMARES            | CS | 70  | 71  | 72  | 73  | 73  | 73  | 73  | 73  | 73  | 72  | 72  | 71  | 72  |
| QUEBRADA GRANDE     | CS | 73  | 75  | 77  | 78  | 77  | 75  | 75  | 75  | 75  | 75  | 75  | 73  | 75  |
| SAN ISIDRO GENERAL  | CS | 72  | 73  | 74  | 75  | 74  | 74  | 73  | 73  | 73  | 72  | 72  | 72  | 73  |
| SAN ISIDRO CORONAO  | CS | 63  | 63  | 65  | 66  | 67  | 68  | 66  | 67  | 68  | 67  | 66  | 65  | 66  |
| SAN JOAQUIN FLORES  | CS | 71  | 72  | 73  | 75  | 74  | 73  | 73  | 73  | 73  | 72  | 72  | 72  | 73  |
| SAN JOSE            | CS | 67  | 67  | 69  | 71  | 71  | 70  | 69  | 70  | 70  | 69  | 68  | 68  | 70  |
| SAN MIGUEL BARRANCA | CS | 80  | 82  | 84  | 84  | 80  | 78  | 77  | 77  | 77  | 77  | 77  | 78  | 79  |
| SAN RAMON           | CS | 69  | 69  | 70  | 71  | 72  | 72  | 71  | 71  | 70  | 70  | 70  | 69  | 70  |
| SAN VITO DE LA JAB  | CS | 74  | 76  | 77  | 76  | 75  | 74  | 73  | 73  | 73  | 71  | 73  | 73  | 74  |
| SANTA ANA           | CS | 73  | 74  | 75  | 76  | 75  | 73  | 73  | 73  | 72  | 72  | 72  | 72  | 73  |
| SANTA CRUZ          | CS | 80  | 82  | 84  | 86  | 83  | 81  | 80  | 80  | 80  | 79  | 79  | 80  | 81  |
| SANTORIO DURAN      | CS | 58  | 58  | 59  | 60  | 60  | 60  | 60  | 60  | 60  | 59  | 59  | 58  | 59  |
| TAPANTI             | CS | 64  | 66  | 67  | 68  | 71  | 70  | 69  | 69  | 69  | 68  | 67  | 68  | 68  |
| TILARAN             | CS | 74  | 74  | 75  | 77  | 76  | 76  | 75  | 76  | 76  | 75  | 75  | 73  | 75  |
| TURRIALBA           | CS | 70  | 70  | 72  | 73  | 73  | 75  | 74  | 74  | 74  | 73  | 72  | 71  | 73  |
| TURRUCARES          | CS | 78  | 80  | 80  | 80  | 79  | 77  | 77  | 78  | 77  | 76  | 77  | 78  | 78  |
| ZARCERO             | CS | 64  | 65  | 66  | 67  | 66  | 66  | 66  | 66  | 65  | 65  | 65  | 65  | 64  |
| ACAJUTLA            | ES | 80  | 80  | 83  | 84  | 84  | 82  | 82  | 82  | 80  | 79  | 80  | 80  | 81  |
| LOS ANDES           | ES | 58  | 59  | 62  | 64  | 64  | 63  | 62  | 63  | 62  | 61  | 60  | 59  | 61  |
| SAN ANDRES          | ES | 75  | 75  | 77  | 78  | 78  | 77  | 78  | 77  | 77  | 76  | 75  | 75  | 76  |
| SAN MIGUEL          | ES | 79  | 80  | 82  | 84  | 83  | 82  | 80  | 81  | 80  | 77  | 78  | 78  | 80  |
| SAN SALVADOR        | ES | 72  | 73  | 75  | 76  | 76  | 74  | 75  | 75  | 74  | 74  | 73  | 73  | 73  |
| SANTA TECLA         | ES | 68  | 70  | 71  | 72  | 72  | 74  | 72  | 73  | 71  | 70  | 69  | 68  | 71  |
| ACULTZINGO          | GU | 65  | 65  | 66  | 66  | 67  | 67  | 67  | 67  | 67  | 66  | 66  | 66  | 66  |
| AMATITLAN           | GU | 73  | 76  | 77  | 78  | 78  | 77  | 77  | 77  | 77  | 76  | 75  | 74  | 76  |
| ANTIGUA             | GU | 60  | 63  | 65  | 67  | 67  | 67  | 67  | 67  | 66  | 66  | 64  | 62  | 65  |
| BELIZ               | GU | 70  | 70  | 71  | 72  | 73  | 72  | 72  | 72  | 71  | 70  | 71  | 70  | 71  |
| BUENA VISTA         | GU | 77  | 80  | 80  | 80  | 79  | 77  | 77  | 77  | 77  | 77  | 78  | 78  | 78  |
| CASTANEDA           | GU | 71  | 74  | 78  | 79  | 79  | 77  | 76  | 76  | 75  | 75  | 74  | 72  | 76  |
| CERRO REDONDO       | GU | 69  | 71  | 72  | 73  | 73  | 73  | 73  | 72  | 73  | 73  | 70  | 69  | 72  |
| CHICHIMULA          | GU | 74  | 75  | 80  | 82  | 83  | 81  | 80  | 80  | 79  | 78  | 75  | 74  | 79  |

TABLE B-3, Cont'd

|                       | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| GU CHOCOLA            | 74  | 74  | 75  | 76  | 77  | 76  | 76  | 76  | 76  | 76  | 76  | 75  | 76  |
| GU CONCEPCION         | 78  | 79  | 80  | 80  | 80  | 79  | 79  | 79  | 78  | 78  | 77  | 78  | 76  |
| GU CREEK              | 74  | 75  | 79  | 80  | 83  | 83  | 81  | 82  | 82  | 80  | 76  | 75  | 79  |
| GU CUILAPA            | 74  | 73  | 76  | 78  | 77  | 78  | 78  | 77  | 77  | 75  | 74  | 73  | 76  |
| GU DOLORES            | 71  | 71  | 72  | 73  | 73  | 74  | 73  | 74  | 73  | 73  | 74  | 73  | 73  |
| GU EL PORVENIR        | 71  | 72  | 77  | 80  | 81  | 79  | 77  | 78  | 78  | 76  | 75  | 71  | 76  |
| GU ENTRE RIOS         | 78  | 79  | 80  | 81  | 81  | 80  | 80  | 80  | 79  | 78  | 77  | 77  | 79  |
| GU ESCOBILLO          | 77  | 78  | 82  | 81  | 82  | 81  | 81  | 81  | 81  | 81  | 79  | 77  | 80  |
| GU FLORENCIA          | 60  | 61  | 64  | 65  | 64  | 63  | 62  | 63  | 62  | 61  | 61  | 60  | 62  |
| GU FLORES             | 74  | 74  | 75  | 78  | 83  | 85  | 81  | 82  | 81  | 77  | 73  | 72  | 78  |
| GU GUATEMALA CITY     | 64  | 65  | 68  | 70  | 70  | 68  | 68  | 68  | 68  | 66  | 64  | 64  | 67  |
| GU HUENUTENANGO       | 58  | 60  | 64  | 65  | 65  | 64  | 64  | 64  | 63  | 63  | 60  | 58  | 62  |
| GU JALUTE             | 70  | 72  | 75  | 78  | 78  | 77  | 75  | 75  | 76  | 74  | 73  | 71  | 74  |
| GU LA GLORIA          | 77  | 78  | 79  | 78  | 78  | 77  | 78  | 77  | 77  | 76  | 77  | 77  | 77  |
| GU LA VIRGEN          | 78  | 78  | 78  | 79  | 78  | 78  | 78  | 78  | 77  | 76  | 76  | 76  | 77  |
| GU LABOR OVALLE       | 50  | 52  | 54  | 57  | 58  | 58  | 57  | 57  | 57  | 56  | 54  | 52  | 55  |
| GU LAS DELICIAS       | 77  | 77  | 77  | 77  | 77  | 78  | 79  | 77  | 77  | 77  | 75  | 76  | 77  |
| GU LAS VINAS          | 71  | 72  | 73  | 75  | 76  | 75  | 76  | 74  | 74  | 73  | 72  | 71  | 73  |
| GU LOS ALPES          | 64  | 68  | 69  | 71  | 72  | 72  | 72  | 72  | 73  | 70  | 67  | 65  | 69  |
| GU LOS TARRALES       | 72  | 72  | 74  | 74  | 74  | 73  | 74  | 74  | 73  | 73  | 72  | 72  | 73  |
| GU LISIANA            | 73  | 74  | 75  | 76  | 76  | 76  | 77  | 76  | 77  | 76  | 76  | 74  | 75  |
| GU MCCA               | 64  | 65  | 68  | 71  | 71  | 70  | 69  | 69  | 67  | 68  | 68  | 65  | 66  |
| GU MOKA               | 72  | 72  | 74  | 74  | 75  | 74  | 74  | 74  | 74  | 73  | 73  | 74  | 74  |
| GU MONTE BLANCO       | 71  | 69  | 72  | 76  | 77  | 75  | 74  | 76  | 72  | 72  | 71  | 73  | 73  |
| GU MONTELMAR          | 75  | 75  | 77  | 78  | 77  | 77  | 76  | 77  | 77  | 76  | 75  | 75  | 76  |
| GU MORELIA            | 75  | 75  | 75  | 76  | 76  | 75  | 73  | 73  | 73  | 75  | 75  | 74  | 75  |
| GU MUNDO NUEVO        | 74  | 74  | 76  | 77  | 77  | 74  | 75  | 75  | 75  | 74  | 73  | 72  | 75  |
| GU NARANJO            | 70  | 70  | 71  | 71  | 71  | 70  | 71  | 71  | 70  | 70  | 70  | 70  | 70  |
| GU PALO GORDO         | 80  | 81  | 82  | 82  | 81  | 80  | 80  | 80  | 80  | 81  | 80  | 81  | 81  |
| GU PAMPOJILA          | 67  | 67  | 67  | 66  | 67  | 67  | 67  | 64  | 64  | 64  | 66  | 64  | 66  |
| GU PATZUN             | 71  | 71  | 72  | 72  | 72  | 71  | 71  | 71  | 71  | 71  | 71  | 71  | 71  |
| GU PAWNEE PLAYITAS    | 73  | 75  | 79  | 82  | 82  | 82  | 81  | 81  | 81  | 79  | 76  | 74  | 79  |
| GU PENA PLATA         | 73  | 75  | 76  | 78  | 77  | 76  | 76  | 76  | 75  | 74  | 74  | 73  | 75  |
| GU PUERTO BARRIOS     | 78  | 78  | 79  | 83  | 85  | 86  | 86  | 85  | 85  | 83  | 80  | 79  | 83  |
| GU QUEZALTENANGO      | 51  | 52  | 55  | 61  | 64  | 63  | 62  | 61  | 61  | 60  | 57  | 53  | 58  |
| GU QUIRIGUA           | 74  | 75  | 79  | 82  | 83  | 82  | 81  | 82  | 82  | 80  | 76  | 74  | 79  |
| GU RETANA             | 61  | 61  | 62  | 64  | 65  | 65  | 65  | 64  | 64  | 64  | 64  | 61  | 63  |
| GU SAN JOSE           | 79  | 80  | 82  | 84  | 84  | 83  | 83  | 83  | 82  | 81  | 81  | 80  | 82  |
| GU SAN JUAN           | 75  | 75  | 76  | 78  | 78  | 78  | 77  | 77  | 76  | 76  | 72  | 74  | 76  |
| GU SAN LUIS MALACATAN | 81  | 80  | 81  | 81  | 81  | 80  | 80  | 80  | 80  | 81  | 79  | 79  | 80  |
| GU SANANDRES OSUNA    | 74  | 74  | 77  | 80  | 80  | 79  | 79  | 77  | 77  | 77  | 75  | 74  | 77  |
| GU SANRAFAEL PANAN    | 75  | 78  | 78  | 81  | 81  | 79  | 80  | 79  | 77  | 75  | 77  | 76  | 77  |
| GU SANTA CRUZ QUIXAYA | 71  | 73  | 74  | 75  | 74  | 72  | 71  | 71  | 71  | 71  | 72  | 72  | 73  |
| GU SANTA CECILIA      | 68  | 68  | 70  | 71  | 72  | 71  | 71  | 71  | 70  | 70  | 69  | 68  | 70  |
| GU SANTA ELISA        | 75  | 77  | 78  | 79  | 79  | 78  | 78  | 77  | 77  | 76  | 75  | 75  | 77  |
| GU SANTA MARGARITA    | 74  | 74  | 74  | 74  | 73  | 72  | 72  | 73  | 72  | 72  | 73  | 73  | 73  |
| GU SANTA TERESA       | 72  | 73  | 75  | 75  | 75  | 75  | 75  | 74  | 74  | 74  | 73  | 73  | 74  |
| GU SANTO TOMAS        | 70  | 71  | 72  | 72  | 72  | 71  | 72  | 72  | 70  | 70  | 70  | 70  | 71  |
| GU SEPACUITE          | 63  | 64  | 68  | 69  | 70  | 71  | 70  | 70  | 70  | 68  | 65  | 64  | 68  |
| GU TRECE AGUAS        | 69  | 70  | 72  | 75  | 76  | 76  | 75  | 75  | 75  | 73  | 71  | 71  | 73  |
| GU WESTFALIA          | 70  | 72  | 72  | 78  | 77  | 75  | 75  | 73  | 74  | 73  | 70  | 70  | 73  |
| GU ZACAPA             | 79  | 81  | 83  | 85  | 87  | 82  | 82  | 83  | 82  | 80  | 77  | 76  | 81  |
| HO AMPALA             | 84  | 84  | 86  | 86  | 85  | 83  | 83  | 84  | 82  | 82  | 82  | 83  | 84  |
| HO CATACAMAS          | 72  | 74  | 77  | 79  | 79  | 78  | 76  | 77  | 77  | 76  | 74  | 73  | 76  |
| HO CHOLUTECA          | 83  | 83  | 86  | 86  | 85  | 81  | 83  | 83  | 81  | 80  | 81  | 83  | 83  |
| HO COMAYAGUA          | 71  | 73  | 76  | 78  | 80  | 78  | 78  | 79  | 77  | 77  | 75  | 75  | 76  |

TABLE B-3, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ELZAMOANO           | 69  | 70  | 72  | 74  | 75  | 73  | 72  | 73  | 73  | 72  | 70  | 69  | 72  |
| GUANAJA             | HO  | HO  | 78  | 80  | 82  | 80  | 83  | 83  | 84  | 81  | 80  | 78  | 81  |
| LA CEIBA            | HO  | 75  | 75  | 78  | 79  | 80  | 81  | 81  | 82  | 79  | 77  | 76  | 78  |
| LA ESPERANZA        | HO  | 59  | 60  | 63  | 67  | 65  | 65  | 66  | 65  | 66  | 62  | 58  | 64  |
| LA MESA             | HO  | 73  | 74  | 77  | 79  | 81  | 81  | 80  | 80  | 78  | 75  | 75  | 78  |
| NVO OCOTEPEQUE      | HO  | 72  | 74  | 77  | 80  | 78  | 77  | 76  | 77  | 76  | 75  | 73  | 72  |
| PUERTO LEMPIRA      | HO  | 77  | 77  | 79  | 81  | 82  | 82  | 81  | 81  | 80  | 79  | 78  | 80  |
| SAN PEDRO SULA      | HO  | 74  | 75  | 79  | 81  | 82  | 82  | 81  | 82  | 78  | 76  | 74  | 79  |
| SANTA ROSA DE COPAN | HO  | 63  | 64  | 68  | 71  | 71  | 71  | 70  | 70  | 68  | 65  | 63  | 68  |
| TEGUCIGALPA         | HO  | 67  | 59  | 71  | 74  | 74  | 73  | 73  | 73  | 71  | 69  | 68  | 71  |
| TELA                | HO  | 74  | 75  | 77  | 79  | 80  | 81  | 80  | 80  | 81  | 79  | 76  | 78  |
| YORO                | HO  | 72  | 74  | 78  | 79  | 80  | 79  | 77  | 77  | 75  | 74  | 72  | 76  |
| BLUEFIELDS          | NK  | 78  | 79  | 83  | 84  | 80  | 79  | 77  | 79  | 79  | 80  | 78  | 80  |
| CHINANDEGA          | NK  | 74  | 75  | 78  | 80  | 80  | 78  | 79  | 79  | 78  | 76  | 74  | 77  |
| JEBACO              | NK  | 72  | 73  | 75  | 77  | 77  | 74  | 74  | 75  | 74  | 73  | 72  | 74  |
| JUIGALPA            | NK  | 78  | 80  | 81  | 82  | 82  | 80  | 78  | 79  | 78  | 77  | 80  | 81  |
| LAS MERCEDES        | NK  | 79  | 80  | 82  | 84  | 84  | 80  | 80  | 80  | 80  | 79  | 78  | 81  |
| LAS ROBLES          | NK  | 62  | 64  | 65  | 66  | 68  | 68  | 68  | 67  | 68  | 65  | 64  | 66  |
| MANAGUA             | NK  | 79  | 81  | 84  | 85  | 85  | 81  | 80  | 81  | 80  | 79  | 79  | 81  |
| PUERTO CABEZES      | NK  | 77  | 79  | 79  | 82  | 81  | 82  | 82  | 81  | 79  | 78  | 78  | 80  |
| ALBROOK AFB         | PH  | 79  | 82  | 82  | 84  | 81  | 80  | 81  | 81  | 80  | 80  | 81  | 81  |
| ALTO LING           | PH  | 65  | 66  | 68  | 69  | 70  | 69  | 71  | 68  | 69  | 68  | 68  | 68  |
| BALBOA              | PH  | 80  | 81  | 82  | 82  | 81  | 80  | 80  | 80  | 80  | 80  | 80  | 80  |
| CHANGUINOLA         | PH  | 79  | 78  | 80  | 80  | 81  | 82  | 80  | 81  | 81  | 80  | 79  | 80  |
| CRISTOBAL           | PH  | 80  | 80  | 81  | 81  | 81  | 81  | 81  | 80  | 81  | 80  | 80  | 81  |
| GATUN               | PH  | 80  | 80  | 81  | 82  | 81  | 81  | 81  | 80  | 81  | 82  | 80  | 81  |
| HOWARD AFB          | PH  | 81  | 82  | 83  | 83  | 82  | 81  | 81  | 81  | 80  | 80  | 81  | 81  |
| MADDEN DAM          | PH  | 78  | 79  | 80  | 81  | 81  | 80  | 80  | 79  | 79  | 78  | 78  | 79  |
| PUERTO ARMUELLES    | PH  | 78  | 79  | 80  | 80  | 79  | 78  | 78  | 78  | 77  | 77  | 78  | 78  |

TABLE B-4 Maximum Temperatures

|                     |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL         | BZ | 90  | 93  | 98  | 99  | 97  | 97  | 95  | 96  | 97  | 95  | 95  | 93  |
| LIMON               | CS | 94  | 95  | 99  | 102 | 100 | 102 | 91  | 91  | 93  | 95  | 97  | 95  |
| NICOYA              | CS | 98  | 102 | 100 | 100 | 99  | 99  | 95  | 97  | 99  | 93  | 93  | 97  |
| PUNTARENAS          | CS | 107 | 109 | 108 | 102 | 102 | 97  | 100 | 99  | 94  | 95  | 104 | 100 |
| SAN JOSE            | CS | 90  | 91  | 96  | 99  | 100 | 91  | 93  | 97  | 97  | 91  | 88  | 91  |
| ACAJUTLA            | ES | 97  | 98  | 99  | 99  | 102 | 95  | 95  | 98  | 102 | 97  | 95  | 97  |
| SAN SALVADOR        | ES | 101 | 103 | 105 | 104 | 103 | 98  | 98  | 98  | 99  | 101 | 102 | 101 |
| SANTA ANA           | ES | 92  | 96  | 99  | 97  | 96  | 93  | 91  | 92  | 90  | 91  | 91  | 92  |
| COBAN               | GU | 82  | 86  | 86  | 93  | 84  | 83  | 80  | 81  | 82  | 80  | 82  | 81  |
| FINCA DOLORES       | GU | 84  | 84  | 85  | 88  | 85  | 85  | 84  | 86  | 85  | 86  | 84  | 84  |
| FLORES              | GU | 91  | 95  | 100 | 102 | 104 | 98  | 97  | 95  | 97  | 96  | 95  | 92  |
| GUATEMALA CITY      | GU | 86  | 89  | 92  | 91  | 90  | 89  | 83  | 88  | 84  | 86  | 84  | 84  |
| HUEHUETENANGO       | GU | 88  | 91  | 93  | 91  | 90  | 91  | 91  | 88  | 90  | 81  | 82  | 82  |
| JALUTE              | GU | 86  | 91  | 95  | 97  | 99  | 97  | 95  | 91  | 95  | 91  | 90  | 86  |
| LOS ALPES           | GU | 77  | 88  | 90  | 90  | 86  | 84  | 82  | 82  | 82  | 82  | 81  | 75  |
| MONTIELMAR          | GU | 88  | 91  | 93  | 93  | 93  | 91  | 91  | 91  | 90  | 90  | 86  | 86  |
| PUERTO BARRIOS      | GU | 97  | 100 | 109 | 110 | 108 | 107 | 102 | 100 | 104 | 100 | 98  | 96  |
| SAN JOSE            | GU | 93  | 96  | 99  | 100 | 99  | 96  | 97  | 98  | 98  | 98  | 98  | 98  |
| SANTA MARGARITA     | GU | 92  | 92  | 92  | 91  | 91  | 91  | 91  | 90  | 93  | 90  | 90  | 91  |
| WESTFALIA           | GU | 86  | 91  | 99  | 100 | 97  | 95  | 97  | 91  | 91  | 91  | 90  | 90  |
| AMPALA              | HO | 98  | 99  | 103 | 101 | 104 | 97  | 100 | 100 | 99  | 97  | 97  | 96  |
| CATACAMAS           | HO | 97  | 97  | 100 | 103 | 104 | 97  | 96  | 100 | 95  | 102 | 93  | 90  |
| CHOLUTECA           | HO | 100 | 104 | 106 | 105 | 106 | 102 | 99  | 102 | 102 | 97  | 102 | 102 |
| GUANAJA             | HO | 90  | 95  | 93  | 95  | 95  | 96  | 94  | 94  | 95  | 95  | 91  | 90  |
| ISLAS DEL CISNE     | HO | 88  | 87  | 89  | 90  | 92  | 92  | 98  | 93  | 93  | 92  | 88  | 88  |
| PUERTO LEMPIRA      | HO | 90  | 95  | 95  | 95  | 97  | 94  | 102 | 96  | 93  | 95  | 90  | 93  |
| SAN PEDRO SULA      | HO | 99  | 102 | 104 | 106 | 106 | 104 | 100 | 99  | 99  | 99  | 99  | 100 |
| SANTA ROSA DE COPAN | HO | 89  | 93  | 93  | 94  | 95  | 90  | 88  | 85  | 85  | 84  | 85  | 83  |
| TEGUCIGALPA         | HO | 93  | 99  | 98  | 96  | 97  | 99  | 93  | 97  | 95  | 97  | 93  | 95  |
| TELA                | HO | 90  | 95  | 97  | 99  | 95  | 95  | 93  | 97  | 95  | 95  | 97  | 95  |
| BLUEFIELDS          | NK | 90  | 90  | 91  | 94  | 94  | 94  | 93  | 97  | 93  | 94  | 93  | 93  |
| MANAGUA             | NK | 95  | 96  | 100 | 103 | 102 | 96  | 94  | 96  | 98  | 97  | 96  | 94  |
| PUERTO CABEZAS      | NK | 92  | 91  | 93  | 94  | 97  | 93  | 91  | 93  | 97  | 97  | 94  | 91  |
| CHANGUINOLA INTL    | PH | 96  | 92  | 92  | 93  | 94  | 93  | 93  | 93  | 94  | 94  | 93  | 92  |
| CRISTOBAL           | PH | 88  | 92  | 92  | 94  | 95  | 93  | 91  | 93  | 94  | 95  | 92  | 90  |
| DAVID               | PH | 97  | 99  | 99  | 101 | 97  | 93  | 93  | 95  | 97  | 99  | 93  | 93  |
| HOWARD AFB          | PH | 94  | 95  | 97  | 99  | 96  | 95  | 95  | 93  | 94  | 95  | 91  | 94  |
| PUERTO ARMUELLES    | PH | 93  | 93  | 96  | 93  | 93  | 91  | 90  | 90  | 90  | 91  | 90  | 90  |
| RIO HATO            | PH | 97  | 97  | 97  | 97  | 95  | 95  | 97  | 95  | 93  | 93  | 97  | 97  |

TABLE B-5 Minimum Temperatures

|                     |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL         | BZ | 50  | 49  | 50  | 55  | 57  | 62  | 63  | 61  | 60  | 58  | 52  | 46  |
| SAN JOSE            | CS | 43  | 44  | 47  | 49  | 52  | 54  | 53  | 54  | 54  | 53  | 51  | 44  |
| SAN SALVADOR        | ES | 45  | 49  | 45  | 54  | 58  | 56  | 58  | 60  | 53  | 54  | 49  | 47  |
| SANTA ANA           | ES | 52  | 46  | 53  | 55  | 58  | 55  | 59  | 60  | 60  | 59  | 55  | 50  |
| COBAN               | GU | 37  | 36  | 39  | 43  | 42  | 51  | 48  | 46  | 52  | 49  | 43  | 33  |
| GUATEMALA CITY      | GU | 42  | 41  | 45  | 47  | 49  | 54  | 50  | 53  | 52  | 46  | 45  | 41  |
| HUEHUETENANGO       | GU | 25  | 28  | 32  | 35  | 41  | 45  | 44  | 39  | 41  | 41  | 37  | 26  |
| JALUTE              | GU | 50  | 50  | 54  | 59  | 59  | 64  | 63  | 61  | 61  | 59  | 57  | 55  |
| LOS ALPES           | GU | 50  | 54  | 52  | 55  | 59  | 61  | 61  | 61  | 61  | 57  | 54  | 52  |
| MONTELMAR           | GU | 61  | 61  | 61  | 64  | 64  | 63  | 64  | 61  | 64  | 63  | 63  | 63  |
| PUERTO BARRIOS      | GU | 57  | 55  | 59  | 66  | 68  | 72  | 74  | 75  | 72  | 66  | 62  | 58  |
| SAN JOSE            | GU | 56  | 64  | 65  | 68  | 74  | 74  | 72  | 72  | 73  | 71  | 66  | 60  |
| SANTA MARGARITA     | GU | 52  | 54  | 55  | 57  | 57  | 57  | 57  | 57  | 54  | 57  | 55  | 50  |
| WESTFALIA           | GU | 52  | 54  | 55  | 59  | 59  | 63  | 61  | 61  | 61  | 59  | 54  | 54  |
| AMALA               | HO | 65  | 69  | 70  | 66  | 66  | 66  | 68  | 68  | 65  | 67  | 68  | 68  |
| CATACANAS           | HO | 39  | 48  | 49  | 54  | 52  | 52  | 53  | 56  | 59  | 54  | 50  | 46  |
| ISLAS DEL CISNE     | HO | 64  | 66  | 67  | 68  | 68  | 70  | 70  | 69  | 70  | 70  | 68  | 64  |
| SAN PEDRO SULA      | HO | 51  | 47  | 50  | 55  | 50  | 57  | 66  | 63  | 65  | 59  | 55  | 51  |
| SANTA ROSA DE COPAN | HO | 39  | 38  | 37  | 42  | 40  | 47  | 52  | 54  | 55  | 48  | 44  | 40  |
| TEGUCIGALPA         | HO | 39  | 43  | 46  | 48  | 49  | 56  | 55  | 54  | 55  | 52  | 48  | 47  |
| TELA                | HO | 57  | 53  | 54  | 63  | 50  | 64  | 62  | 66  | 67  | 62  | 61  | 54  |
| BLUEFIELDS          | NK | 60  | 61  | 62  | 63  | 67  | 67  | 70  | 68  | 66  | 64  | 64  | 62  |
| MANAGUA             | NK | 60  | 61  | 62  | 66  | 68  | 68  | 69  | 68  | 67  | 67  | 64  | 60  |
| PUERTO CABEZAS      | NK | 59  | 61  | 64  | 64  | 58  | 58  | 58  | 64  | 65  | 67  | 65  | 61  |
| CHANGUINOLA INTL    | PM | 62  | 62  | 64  | 68  | 64  | 68  | 68  | 68  | 68  | 68  | 62  | 65  |
| CRISTOBAL           | PM | 69  | 69  | 67  | 72  | 71  | 68  | 70  | 70  | 70  | 70  | 69  | 66  |
| HOWARD AFB          | PM | 64  | 66  | 68  | 66  | 69  | 69  | 70  | 68  | 69  | 69  | 68  | 66  |
| PUERTO ARMUELLES    | PM | 60  | 63  | 65  | 67  | 66  | 67  | 68  | 67  | 67  | 68  | 64  | 65  |
| RIO HATO            | PM | 66  | 68  | 66  | 68  | 70  | 68  | 66  | 66  | 66  | 68  | 66  | 66  |

TABLE B-6 Days with Temperatures > 90°F

|                 |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | *   | 4   | 12  | 14  | 11  | 11  | 7   | 9   | 11  | 7   | 7   | 4   | 97  |
| LIBERIA         | CS | 18  | 21  | 26  | 26  | 22  | 9   | 9   | 7   | 5   | 5   | 7   | 13  | 168 |
| LIMON           | CS | 7   | 8   | 15  | 21  | 17  | 19  | 1   | 1   | 4   | 7   | 10  | 7   | 117 |
| NICOYA          | CS | 14  | 21  | 17  | 17  | 15  | 14  | 7   | 9   | 12  | 4   | 4   | 11  | 145 |
| PUNTARENAS      | CS | 29  | 33  | 31  | 21  | 21  | 11  | 15  | 12  | 5   | 7   | 21  | 15  | 221 |
| SAN JOSE        | CS | *   | 1   | 10  | 15  | 17  | 1   | 4   | 9   | 9   | 1   | 0   | 1   | 68  |
| ACAJUTLA        | ES | 12  | 14  | 15  | 15  | 21  | 7   | 7   | 11  | 16  | 9   | 7   | 11  | 145 |
| SAN SALVADOR    | ES | 19  | 22  | 26  | 24  | 22  | 14  | 10  | 10  | 11  | 13  | 15  | 13  | 199 |
| FLORES          | GU | 1   | 7   | 15  | 19  | 22  | 12  | 11  | 7   | 11  | 9   | 7   | 3   | 124 |
| GUATEMALA CITY  | GU | 0   | 0   | 3   | 1   | *   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 4   |
| HUEHUETENANGO   | GU | 0   | 1   | 5   | 1   | *   | 1   | 1   | 0   | *   | 0   | 0   | 0   | 9   |
| PUERTO BARRIOS  | GU | 11  | 15  | 30  | 31  | 28  | 27  | 19  | 15  | 22  | 15  | 12  | 9   | 234 |
| SAN JOSE        | GU | 5   | 10  | 15  | 17  | 15  | 9   | 10  | 11  | 11  | 11  | 12  | 12  | 138 |
| CATACANAS       | HO | 12  | 12  | 17  | 22  | 24  | 11  | 9   | 14  | 7   | 16  | 4   | 0   | 148 |
| CHOLUTECA       | HO | 23  | 25  | 27  | 21  | 18  | 13  | 17  | 19  | 10  | 9   | 15  | 21  | 218 |
| ISLAS DEL CISNE | HO | 0   | 0   | 0   | *   | 1   | 2   | 6   | 2   | 2   | 1   | 0   | 0   | 14  |
| PUERTO LEMPIRA  | HO | *   | 7   | 7   | 7   | 11  | 6   | 19  | 9   | 4   | 7   | *   | 4   | 81  |
| SAN PEDRO SULA  | HO | 6   | 10  | 24  | 28  | 28  | 22  | 18  | 16  | 13  | 11  | 9   | 7   | 191 |
| TEGUCIGALPA     | HO | 1   | 1   | 3   | 2   | 3   | 1   | *   | 1   | 1   | 1   | 1   | 1   | 16  |
| TELA            | HO | *   | 6   | 8   | 14  | 12  | 7   | 4   | 11  | 7   | 7   | 11  | 7   | 94  |
| BLUEFIELDS      | NK | *   | *   | 1   | 7   | 7   | 6   | 4   | 9   | 4   | 5   | 4   | 4   | 51  |
| CHIRANDEGA      | NK | 11  | 23  | 29  | 27  | 19  | 12  | 17  | 17  | 8   | 6   | 3   | 15  | 187 |
| JUIGALPA        | NK | 2   | 5   | 10  | 14  | 14  | 2   | 1   | 2   | 4   | 1   | 1   | 0   | 56  |
| MANAGUA         | NK | 8   | 10  | 17  | 22  | 21  | 9   | 6   | 8   | 11  | 9   | 9   | 6   | 136 |
| PUERTO CABEZAS  | NK | 3   | 1   | 5   | 7   | 9   | 5   | 1   | 5   | 9   | 8   | 5   | 1   | 59  |
| DAVID           | PM | 12  | 15  | 15  | 19  | 12  | 4   | 4   | 7   | 9   | 12  | 4   | 4   | 117 |
| HOWARD AFB      | PM | 7   | 11  | 19  | 17  | 8   | 4   | 5   | 3   | 2   | 1   | 1   | 3   | 81  |
| TOCUMEN         | PM | 8   | 13  | 14  | 13  | 6   | 5   | 7   | 5   | 4   | 2   | 3   | 6   | 86  |

NOTE: FOR MOST OF THESE STATIONS THE DATA WERE ESTIMATED BASED ON THE EXTREME TEMPERATURE DATA CONTAINED IN TABLE 4.

AN \* INDICATES AN OCCURRENCE OF LESS THAN .5 DAYS

TABLE B-7 Mean Monthly Relative Humidity

| 0000Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 84  | 79  | 78  | 78  | 77  | 80  | 78  | 78  | 83  | 87  | 85  | 84  |
| LIBERIA         | CS | 61  | 54  | 56  | 57  | 77  | 80  | 79  | 81  | 87  | 87  | 79  | 71  |
| LIMON           | CS | 86  | 84  | 82  | 81  | 84  | 85  | 86  | 85  | 86  | 87  | 90  | 98  |
| NICOYA          | CS | 63  | 59  | 57  | 62  | 78  | 84  | 81  | 85  | 90  | 90  | 82  | 72  |
| PUNTARENAS      | CS | 75  | 72  | 74  | 76  | 83  | 88  | 87  | 88  | 90  | 90  | 88  | 83  |
| SAN JOSE        | CS | 70  | 66  | 67  | 73  | 87  | 89  | 83  | 88  | 92  | 93  | 87  | 76  |
| ACAJUTLA        | ES | 69  | 68  | 71  | 72  | 75  | 76  | 74  | 76  | 81  | 80  | 73  | 70  |
| SAN SALVADOR    | ES | 62  | 60  | 67  | 70  | 79  | 83  | 80  | 82  | 86  | 84  | 77  | 68  |
| SANTA ANA       | ES | 57  | 52  | 55  | 58  | 71  | 78  | 72  | 77  | 83  | 80  | 69  | 66  |
| FLORES          | GU | 82  | 72  | 61  | 55  | 58  | 77  | 80  | 82  | 82  | 86  | 86  | 86  |
| GUATEMALA CITY  | GU | 66  | 62  | 66  | 67  | 74  | 79  | 72  | 77  | 83  | 81  | 75  | 70  |
| HUEHUETENANGO   | GU | 47  | 44  | 42  | 46  | 57  | 74  | 64  | 68  | 79  | 77  | 68  | 58  |
| POPTUN          | GU | 82  | 73  | 64  | 63  | 69  | 72  | 75  | 74  | 84  | 88  | 86  | 83  |
| PUERTO BARRIOS  | GU | 81  | 78  | 76  | 75  | 76  | 78  | 79  | 78  | 80  | 83  | 84  | 85  |
| RETALHULEU      | GU | 60  | 58  | 61  | 68  | 79  | 84  | 82  | 84  | 89  | 88  | 79  | 67  |
| SAN JOSE        | GU | 69  | 67  | 69  | 70  | 75  | 79  | 77  | 79  | 83  | 82  | 78  | 74  |
| CATACAMAS       | HO | 70  | 61  | 55  | 53  | 57  | 72  | 75  | 74  | 77  | 80  | 78  | 76  |
| CHOLUTECA       | HO | 51  | 48  | 52  | 54  | 68  | 78  | 68  | 73  | 82  | 82  | 67  | 55  |
| GUANAJA         | HO | 82  | 83  | 70  | 71  | 76  | 86  | 83  | 80  | 84  | 83  | 84  | 82  |
| ISLAS DEL CISNE | HO | 77  | 75  | 77  | 75  | 78  | 77  | 78  | 78  | 80  | 81  | 80  | 76  |
| LA CEIBA        | HO | 83  | 83  | 71  | 73  | 69  | 81  | 76  | 79  | 80  | 86  | 84  | 83  |
| PUERTO LEMPIRA  | HO | 84  | 82  | 80  | 74  | 76  | 82  | 78  | 82  | 88  | 86  | 87  | 81  |
| SAN PEDRO SULA  | HO | 83  | 78  | 73  | 75  | 72  | 78  | 76  | 77  | 75  | 81  | 83  | 86  |
| TEGUCIGALPA     | HO | 56  | 49  | 42  | 46  | 56  | 64  | 58  | 60  | 67  | 70  | 67  | 65  |
| TELA            | HO | 80  | 78  | 75  | 72  | 72  | 75  | 73  | 73  | 74  | 81  | 85  | 84  |
| BLUEFIELDS      | NK | 83  | 83  | 80  | 79  | 82  | 86  | 84  | 86  | 85  | 87  | 88  | 85  |
| CHINANDEGA      | NK | 55  | 53  | 57  | 57  | 69  | 76  | 68  | 76  | 80  | 82  | 78  | 66  |
| JUIGALPA        | NK | 64  | 58  | 55  | 52  | 63  | 76  | 76  | 78  | 81  | 82  | 78  | 71  |
| MANAGUA         | NK | 61  | 54  | 54  | 52  | 60  | 77  | 76  | 78  | 82  | 83  | 78  | 71  |
| PUERTO CABEZAS  | NK | 79  | 76  | 77  | 76  | 81  | 83  | 81  | 83  | 82  | 84  | 85  | 82  |
| RIVAS           | NK | 71  | 70  | 66  | 65  | 72  | 83  | 81  | 80  | 81  | 84  | 83  | 79  |
| DAVID           | PM | 68  | 62  | 68  | 74  | 84  | 84  | 85  | 86  | 88  | 90  | 89  | 80  |
| HOWARD AFB      | PM | 74  | 69  | 67  | 70  | 79  | 83  | 82  | 83  | 84  | 85  | 84  | 79  |
| PANAMA CITY     | PM | 71  | 67  | 70  | 77  | 84  | 87  | 87  | 84  | 85  | 87  | 86  | 82  |
| SANTIAGO        | PM | 65  | 60  | 64  | 67  | 85  | 86  | 85  | 87  | 86  | 91  | 90  | 77  |
| TOCUMEN         | PM | 71  | 67  | 66  | 71  | 83  | 87  | 85  | 87  | 88  | 92  | 90  | 81  |

| 0600Z        |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL  | BZ | 94  | 93  | 90  | 90  | 88  | 86  | 88  | 88  | 91  | 94  | 93  | 95  |
| SAN JOSE     | CS | 77  | 76  | 76  | 79  | 89  | 91  | 88  | 88  | 92  | 93  | 87  | 81  |
| ACAJUTLA     | ES | 75  | 76  | 80  | 79  | 85  | 88  | 87  | 89  | 90  | 88  | 82  | 78  |
| SAN SALVADOR | ES | 80  | 76  | 80  | 82  | 89  | 93  | 92  | 93  | 93  | 93  | 86  | 83  |

TABLE B-7, Cont'd

|                 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| GUATEMALA CITY  | 87  | 86  | 86  | 86  | 89  | 92  | 90  | 92  | 93  | 91  | 89  | 88  |
| HUEHUETENANGO   | 88  | 84  | 84  | 84  | 89  | 94  | 93  | 94  | 95  | 94  | 92  | 92  |
| PUERTO BARRIOS  | 95  | 93  | 92  | 92  | 89  | 94  | 94  | 94  | 93  | 94  | 92  | 95  |
| SAN JOSE        | 93  | 88  | 88  | 88  | 93  | 95  | 95  | 94  | 96  | 96  | 94  | 93  |
| CATACAMAS       | 84  | 77  | 74  | 74  | 79  | 85  | 83  | 88  | 88  | 89  | 85  | 86  |
| CHOLUTECA       | 66  | 65  | 70  | 74  | 85  | 86  | 82  | 84  | 94  | 87  | 80  | 71  |
| ISLAS DEL CISNE | 77  | 76  | 79  | 78  | 80  | 80  | 81  | 82  | 83  | 82  | 80  | 77  |
| SAN PEDRO SULA  | 94  | 92  | 91  | 87  | 87  | 91  | 88  | 89  | 91  | 92  | 93  | 94  |
| TEGUCIGALPA     | 79  | 73  | 68  | 69  | 77  | 83  | 79  | 82  | 85  | 83  | 83  | 84  |
| TELA            | 90  | 91  | 91  | 85  | 85  | 89  | 87  | 89  | 87  | 92  | 92  | 92  |
| MANAGUA         | 82  | 77  | 74  | 72  | 80  | 89  | 88  | 91  | 91  | 93  | 91  | 87  |
| HOWARD AFB      | 81  | 78  | 78  | 79  | 84  | 86  | 85  | 87  | 87  | 87  | 87  | 83  |
| TOCUMEN         | 85  | 82  | 81  | 84  | 91  | 94  | 93  | 94  | 94  | 95  | 95  | 92  |

|                 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | 96  | 95  | 92  | 91  | 90  | 91  | 90  | 93  | 95  | 95  | 95  | 95  |
| LIMON           | 93  | 92  | 94  | 93  | 94  | 94  | 94  | 95  | 95  | 93  | 94  | 94  |
| NICOYA          | 83  | 77  | 78  | 77  | 94  | 96  | 93  | 96  | 98  | 97  | 93  | 88  |
| PUNTARENAS      | 89  | 86  | 85  | 86  | 92  | 95  | 95  | 97  | 96  | 97  | 96  | 93  |
| SAN JOSE        | 78  | 77  | 78  | 79  | 87  | 87  | 86  | 87  | 90  | 90  | 86  | 80  |
| ACAJUTLA        | 72  | 70  | 77  | 77  | 85  | 89  | 87  | 89  | 89  | 87  | 77  | 76  |
| SAN SALVADOR    | 85  | 83  | 86  | 85  | 92  | 95  | 92  | 95  | 95  | 93  | 88  | 86  |
| SANTA ANA       | 81  | 81  | 83  | 84  | 91  | 92  | 91  | 91  | 94  | 92  | 85  | 84  |
| FLORES          | 94  | 96  | 95  | 94  | 93  | 95  | 95  | 96  | 96  | 96  | 96  | 95  |
| GUATEMALA CITY  | 90  | 90  | 91  | 91  | 91  | 92  | 93  | 93  | 93  | 92  | 90  | 91  |
| HUEHUETENANGO   | 95  | 95  | 94  | 95  | 95  | 97  | 97  | 97  | 97  | 96  | 97  | 96  |
| POPTUN          | 94  | 95  | 93  | 90  | 90  | 93  | 95  | 97  | 96  | 97  | 98  | 97  |
| PUERTO BARRIOS  | 94  | 95  | 94  | 94  | 94  | 94  | 95  | 94  | 94  | 95  | 93  | 94  |
| RETALHULEU      | 82  | 85  | 85  | 84  | 89  | 91  | 90  | 91  | 92  | 92  | 89  | 86  |
| SAN JOSE        | 95  | 93  | 93  | 93  | 95  | 95  | 96  | 97  | 97  | 96  | 96  | 94  |
| CATACAMAS       | 89  | 83  | 80  | 82  | 84  | 88  | 87  | 89  | 91  | 91  | 89  | 87  |
| CHOLUTECA       | 70  | 68  | 68  | 72  | 90  | 86  | 82  | 84  | 92  | 87  | 80  | 72  |
| ISLAS DEL CISNE | 78  | 76  | 78  | 77  | 79  | 80  | 81  | 81  | 82  | 82  | 80  | 77  |
| SAN PEDRO SULA  | 96  | 96  | 94  | 81  | 90  | 93  | 93  | 94  | 93  | 95  | 97  | 96  |
| TEGUCIGALPA     | 85  | 82  | 80  | 80  | 84  | 87  | 86  | 87  | 88  | 89  | 86  | 86  |
| TELA            | 92  | 95  | 86  | 93  | 89  | 91  | 95  | 90  | 89  | 94  | 95  | 92  |
| BLUEFIELDS      | 86  | 86  | 85  | 81  | 85  | 87  | 88  | 88  | 91  | 91  | 91  | 89  |
| MANAGUA         | 87  | 83  | 83  | 82  | 88  | 93  | 90  | 93  | 94  | 95  | 93  | 90  |
| PUERTO CABEZAS  | 88  | 88  | 85  | 85  | 87  | 87  | 88  | 91  | 92  | 96  | 94  | 91  |
| RIVAS           | 82  | 81  | 81  | 82  | 88  | 91  | 88  | 89  | 91  | 91  | 89  | 85  |

TABLE B-7, Cont'd

|                                                               | JAN                        | FEB                        | MAR                        | APR                        | MAY                        | JUN                        | JUL                        | AUG                        | SEP                        | OCT                        | NOV                        | DEC                        |    |
|---------------------------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----|
| DAVID<br>FORT SHERMAN<br>HOWARD AFB<br>PANAMA CITY<br>TOCUMEN | PM<br>PH<br>PM<br>PH<br>PM | 87<br>85<br>82<br>86<br>88 | 84<br>83<br>79<br>84<br>86 | 84<br>83<br>80<br>88<br>85 | 88<br>91<br>86<br>91<br>86 | 94<br>93<br>84<br>93<br>95 | 97<br>94<br>86<br>95<br>94 | 97<br>93<br>87<br>94<br>95 | 97<br>96<br>88<br>93<br>95 | 97<br>98<br>88<br>93<br>95 | 97<br>95<br>87<br>94<br>95 | 94<br>91<br>84<br>93<br>92 |    |
| 1800Z                                                         |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |    |
| BELIZE INTL                                                   | BZ                         | 72                         | 71                         | 68                         | 67                         | 66                         | 75                         | 72                         | 72                         | 75                         | 76                         | 71                         | 75 |
| LIBERIA                                                       | CS                         | 48                         | 45                         | 46                         | 47                         | 60                         | 70                         | 66                         | 68                         | 72                         | 72                         | 67                         | 57 |
| LIMON                                                         | CS                         | 74                         | 75                         | 73                         | 73                         | 75                         | 78                         | 78                         | 78                         | 74                         | 75                         | 77                         | 76 |
| NICOYA                                                        | CS                         | 49                         | 45                         | 41                         | 44                         | 59                         | 68                         | 65                         | 67                         | 71                         | 71                         | 67                         | 58 |
| PUNTARENAS                                                    | CS                         | 54                         | 51                         | 53                         | 56                         | 68                         | 73                         | 71                         | 72                         | 72                         | 74                         | 72                         | 64 |
| SAN JOSE                                                      | CS                         | 51                         | 49                         | 47                         | 49                         | 63                         | 69                         | 64                         | 65                         | 70                         | 71                         | 64                         | 54 |
| ACAJUTLA                                                      | ES                         | 59                         | 60                         | 65                         | 64                         | 70                         | 71                         | 69                         | 71                         | 75                         | 70                         | 64                         | 60 |
| SAN SALVADOR                                                  | ES                         | 49                         | 46                         | 48                         | 49                         | 62                         | 68                         | 65                         | 68                         | 71                         | 68                         | 59                         | 53 |
| SANTA ANA                                                     | ES                         | 48                         | 45                         | 43                         | 44                         | 57                         | 65                         | 61                         | 63                         | 67                         | 63                         | 55                         | 52 |
| FLORES                                                        | GU                         | 72                         | 68                         | 60                         | 54                         | 57                         | 66                         | 65                         | 66                         | 69                         | 70                         | 71                         | 72 |
| GUATEMALA CITY                                                | GU                         | 52                         | 47                         | 44                         | 45                         | 52                         | 64                         | 61                         | 63                         | 65                         | 62                         | 59                         | 56 |
| HUEHUETENANGO                                                 | GU                         | 40                         | 37                         | 34                         | 35                         | 43                         | 57                         | 55                         | 56                         | 59                         | 59                         | 53                         | 44 |
| POPTUN                                                        | GU                         | 71                         | 61                         | 59                         | 56                         | 58                         | 67                         | 65                         | 69                         | 71                         | 77                         | 75                         | 71 |
| PUERTO BARRIOS                                                | GU                         | 78                         | 77                         | 73                         | 70                         | 72                         | 73                         | 74                         | 76                         | 76                         | 76                         | 77                         | 78 |
| RETALHULEU                                                    | GU                         | 45                         | 45                         | 46                         | 47                         | 60                         | 63                         | 61                         | 60                         | 65                         | 63                         | 57                         | 50 |
| SAN JOSE                                                      | GU                         | 53                         | 51                         | 54                         | 55                         | 66                         | 71                         | 67                         | 69                         | 73                         | 69                         | 63                         | 58 |
| CATACAMAS                                                     | HO                         | 61                         | 53                         | 49                         | 48                         | 51                         | 65                         | 65                         | 66                         | 63                         | 63                         | 63                         | 63 |
| CHOLUTECA                                                     | HO                         | 46                         | 45                         | 46                         | 45                         | 60                         | 65                         | 61                         | 62                         | 68                         | 68                         | 55                         | 48 |
| GUANAJA                                                       | HO                         | 75                         | 71                         | 63                         | 65                         | 68                         | 71                         | 77                         | 74                         | 73                         | 78                         | 76                         | 73 |
| ISLAS DEL CISNE                                               | HO                         | 69                         | 67                         | 68                         | 67                         | 70                         | 72                         | 70                         | 71                         | 73                         | 74                         | 73                         | 70 |
| LA CEIBA                                                      | HO                         | 79                         | 74                         | 74                         | 65                         | 65                         | 69                         | 68                         | 70                         | 73                         | 75                         | 78                         | 75 |
| PUERTO LEMPIRA                                                | HO                         | 76                         | 72                         | 73                         | 62                         | 68                         | 73                         | 75                         | 80                         | 79                         | 81                         | 81                         | 75 |
| SAN PEDRO SULA                                                | HO                         | 74                         | 70                         | 62                         | 62                         | 60                         | 66                         | 66                         | 65                         | 65                         | 73                         | 74                         | 75 |
| TESUCIGALPA                                                   | HO                         | 54                         | 48                         | 43                         | 43                         | 47                         | 57                         | 56                         | 55                         | 54                         | 60                         | 60                         | 58 |
| TELA                                                          | HO                         | 7                          | 69                         | 67                         | 65                         | 66                         | 67                         | 67                         | 65                         | 68                         | 73                         | 77                         | 74 |
| BLUEFIELDS                                                    | NK                         | 80                         | 78                         | 76                         | 73                         | 78                         | 82                         | 83                         | 83                         | 81                         | 83                         | 82                         | 81 |
| CHINANDEGA                                                    | NK                         | 44                         | 42                         | 41                         | 45                         | 58                         | 65                         | 58                         | 62                         | 67                         | 70                         | 63                         | 53 |
| JUIGALPA                                                      | NK                         | 54                         | 53                         | 50                         | 49                         | 54                         | 66                         | 64                         | 65                         | 65                         | 65                         | 64                         | 60 |
| MANAGUA                                                       | NK                         | 50                         | 45                         | 45                         | 45                         | 54                         | 66                         | 63                         | 65                         | 66                         | 68                         | 60                         | 54 |
| PUERTO CABEZAS                                                | NK                         | 75                         | 74                         | 71                         | 71                         | 73                         | 78                         | 78                         | 77                         | 78                         | 76                         | 77                         | 76 |
| RIVAS                                                         | NK                         | 67                         | 63                         | 61                         | 60                         | 69                         | 78                         | 76                         | 75                         | 74                         | 77                         | 74                         | 71 |
| DAVID                                                         | PM                         | 57                         | 54                         | 58                         | 62                         | 70                         | 73                         | 73                         | 73                         | 74                         | 76                         | 75                         | 65 |
| FORT SHERMAN                                                  | PM                         | 73                         | 72                         | 69                         | 70                         | 78                         | 81                         | 82                         | 80                         | 77                         | 78                         | 81                         | 79 |
| HOWARD AFB                                                    | PM                         | 59                         | 53                         | 52                         | 57                         | 70                         | 74                         | 72                         | 74                         | 75                         | 76                         | 76                         | 69 |
| PANAMA CITY                                                   | PM                         | 58                         | 56                         | 63                         | 67                         | 75                         | 80                         | 78                         | 77                         | 75                         | 77                         | 73                         | 71 |
| SANTIAGO                                                      | PM                         | 54                         | 50                         | 49                         | 54                         | 69                         | 72                         | 71                         | 71                         | 70                         | 72                         | 73                         | 64 |
| TOCUMEN                                                       | PM                         | 57                         | 52                         | 53                         | 58                         | 70                         | 74                         | 71                         | 75                         | 75                         | 77                         | 74                         | 65 |

TABLE B-8 Days with Thunderstorms

|                 |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 0   | 3   | 3   | 3   | 8   | 5   | 14  | 10  | 5   | 5   | 0   | 5   | 61  |
| LIBERIA         | CS | *   | 0   | 1   | 2   | 9   | 6   | 8   | 6   | 9   | 5   | 2   | *   | 48  |
| LIMON           | CS | *   | 0   | *   | 1   | 4   | 7   | 6   | 8   | 6   | 4   | 1   | 1   | 38  |
| NICOYA          | CS | *   | 0   | 1   | 4   | 9   | 10  | 9   | 10  | 12  | 9   | 2   | 1   | 66  |
| PUNTARENAS      | CS | *   | 0   | *   | 2   | 9   | 8   | 8   | 9   | 10  | 7   | 3   | 1   | 57  |
| SAN JOSE        | CS | 0   | 0   | 5   | 5   | 10  | 13  | 10  | 10  | 5   | 5   | 3   | 3   | 69  |
| ACAJUTLA        | ES | 1   | 1   | 2   | 5   | 14  | 22  | 17  | 19  | 23  | 19  | 8   | 3   | 134 |
| SANTA ANA       | ES | 0   | 0   | 1   | 2   | 7   | 9   | 8   | 12  | 12  | 8   | 2   | 1   | 62  |
| SAN SALVADOR    | ES | 2   | 1   | 2   | 5   | 12  | 18  | 15  | 19  | 19  | 17  | 5   | 2   | 117 |
| FLORES          | GU | *   | *   | 1   | 1   | 5   | 12  | 13  | 13  | 13  | 6   | 2   | 1   | 67  |
| GUATEMALA CITY  | GU | *   | *   | 1   | 3   | 8   | 8   | 9   | 8   | 9   | 4   | 1   | *   | 51  |
| HUEHUETENANGO   | GU | 1   | *   | 1   | 4   | 9   | 9   | 6   | 6   | 7   | 3   | 1   | 1   | 48  |
| PUERTO BARRIOS  | GU | 0   | 0   | 5   | 3   | 5   | 16  | 12  | 21  | 12  | 12  | 3   | 5   | 93  |
| RETALHULEU      | GU | 1   | *   | 1   | 2   | 11  | 12  | 14  | 15  | 18  | 14  | 7   | *   | 95  |
| SAN JOSE        | GU | *   | 0   | *   | 2   | 8   | 10  | 12  | 11  | 13  | 12  | 5   | 1   | 72  |
| CATACAMAS       | HO | *   | 1   | 1   | 1   | 4   | 6   | 8   | 8   | 8   | 4   | 1   | 1   | 42  |
| CHOLUTECA       | HO | *   | 0   | 1   | 3   | 10  | 15  | 13  | 14  | 18  | 13  | 4   | 1   | 92  |
| ISLAS DEL CISNE | HO | 14  | 8   | 7   | 7   | 8   | 13  | 11  | 11  | 13  | 17  | 16  | 14  | 139 |
| LA CEIBA        | HO | 0   | 1   | 1   | 3   | 4   | 9   | 6   | 5   | 4   | 1   | 3   | 0   | 39  |
| PUERTO LEMPIRA  | HO | 1   | *   | 1   | 2   | 8   | 14  | 13  | 16  | 20  | 14  | 6   | 3   | 97  |
| SAN PEDRO SULA  | HO | 1   | 1   | 1   | 1   | 5   | 9   | 8   | 12  | 11  | 5   | 3   | 1   | 58  |
| TEGUCIGALPA     | HO | 1   | *   | 1   | 3   | 8   | 6   | 4   | 6   | 9   | 4   | 1   | *   | 42  |
| TELA            | HO | 2   | 1   | *   | 5   | 5   | 10  | 10  | 16  | 16  | 6   | 2   | 2   | 70  |
| BLUEFIELDS      | NK | 3   | 3   | 2   | 2   | 4   | 6   | 7   | 9   | 9   | 7   | 5   | 3   | 60  |
| CHINANDEGA      | NK | *   | 0   | 1   | 0   | 6   | 11  | 7   | 10  | 10  | 7   | 2   | *   | 54  |
| JUIGALPA        | NK | 0   | 0   | 1   | 1   | 7   | 8   | 7   | 8   | 4   | 1   | 1   | 4   | 43  |
| MANAGUA         | NK | *   | *   | 1   | 1   | 6   | 6   | 3   | 6   | 9   | 9   | 3   | *   | 44  |
| PUERTO CABEZAS  | NK | 7   | 4   | 4   | 4   | 4   | 12  | 12  | 13  | 11  | 12  | 9   | 7   | 99  |
| RIVAS           | NK | *   | *   | *   | 1   | 4   | 11  | 8   | 13  | 14  | 11  | 5   | 1   | 68  |
| CHANGUINOLA     | PH | 0   | 0   | 2   | 7   | 7   | 7   | 10  | 10  | 7   | 8   | 7   | 2   | 67  |
| DAVID           | PH | 0   | 0   | 0   | 9   | 9   | 14  | 10  | 9   | 8   | 10  | 8   | 0   | 81  |
| HOWARD AFB      | PH | 1   | *   | *   | 4   | 14  | 16  | 16  | 17  | 15  | 16  | 13  | 5   | 117 |
| JAQUE           | PH | 0   | 0   | 3   | 7   | 9   | 9   | 12  | 13  | 8   | 12  | 5   | 3   | 83  |
| LA PALMA        | PH | 0   | 0   | 3   | 3   | 13  | 18  | 13  | 13  | 13  | 13  | 5   | 5   | 107 |
| PANAMA CITY     | PH | 0   | 0   | 3   | 5   | 13  | 14  | 16  | 16  | 12  | 13  | 7   | 5   | 104 |
| PORVENIR        | PH | 0   | 0   | 3   | 3   | 13  | 13  | 23  | 17  | 18  | 14  | 12  | 9   | 135 |
| RIO HATO        | PH | 0   | 0   | 3   | 3   | 8   | 12  | 12  | 16  | 16  | 10  | 5   | 5   | 104 |
| SANTIAGO        | PH | 0   | 0   | 3   | 5   | 8   | 13  | 8   | 8   | 8   | 5   | 3   | 3   | 64  |
| TOCUMEN         | PH | *   | *   | *   | 2   | 10  | 10  | 12  | 12  | 14  | 14  | 8   | 3   | 85  |

NOTE: AN \* INDICATES THUNDERSTORMS OCCURED LESS THAN .5 DAYS A MONTH

CAUTION: . REPORTS OF THUNDERSTORMS IN THE DATA ITSELF APPEARED ERRATIC AND SUSPECT AT SOME LOCATIONS



TABLE B-9, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BLUEFIELDS          | NK  | NE  | E   | E   | E   | E   | NE  | E   | E   | NE  | N   | E   |
| BLUEFIELDS          | NK  | 8   | 8   | 9   | 8   | 7   | 6   | 8   | 7   | 7   | 6   | 7   |
| CHINANDEGA          | NK  | NE  | SW  | SW  | SW  | E   | E   | SW  | SE  | SW  | SW  | NE  |
| CHINANDEGA          | NK  | 7   | 6   | 8   | 7   | 6   | 7   | 5   | 6   | 4   | 4   | 10  |
| JUIGALPA            | NK  | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |
| JUIGALPA            | NK  | 8   | 9   | 8   | 9   | 7   | 6   | 7   | 8   | 7   | 5   | 8   |
| MANAGUA             | NK  | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   |
| MANAGUA             | NK  | 7   | 8   | 7   | 8   | 6   | 6   | 5   | 4   | 4   | 3   | 5   |
| PUERTO CABEZAS      | NK  | NE  | NE  | E   | E   | E   | E   | NE  | E   | NE  | N   | NE  |
| PUERTO CABEZAS      | NK  | 11  | 11  | 12  | 11  | 11  | 12  | 10  | 9   | 8   | 8   | 10  |
| RIVAS               | NK  | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   |
| RIVAS               | NK  | 9   | 9   | 7   | 7   | 5   | 7   | 6   | 7   | 7   | 8   | 8   |
| BOCAS DEL TORO INTL | PH  | N   | N   | N   | N   | N   | N   | NW  | N   | NW  | N   | NW  |
| BOCAS DEL TORO INTL | PH  | 6   | 7   | 6   | 7   | 6   | 5   | 5   | 5   | 7   | 6   | 6   |
| CHANGUINOLA INTL    | PH  | N   | N   | N   | N   | N   | N   | NW  | N   | NW  | NW  | NW  |
| CHANGUINOLA INTL    | PH  | 5   | 4   | 5   | 5   | 4   | 4   | 5   | 4   | 3   | 4   | 5   |
| DAVID               | PH  | SW  | NE  | SW  | SW  | SW  | SW  | SW  | SW  | SW  | SW  | SW  |
| DAVID               | PH  | 8   | 10  | 9   | 8   | 7   | 6   | 6   | 7   | 7   | 7   | 7   |
| HOWARD AFB          | PH  | N   | N   | N   | NW  | NW  | NW  | NW  | NW  | NW  | NW  | NW  |
| HOWARD AFB          | PH  | 7   | 7   | 8   | 8   | 6   | 5   | 6   | 5   | 6   | 6   | 6   |
| LA PALMA            | PH  | N   | N   | N   | N   | SW  | SW  | SW  | SW  | W   | SW  | SW  |
| LA PALMA            | PH  | 7   | 7   | 7   | 7   | 6   | 6   | 6   | 6   | 6   | 6   | 6   |
| PANAMA CITY         | PH  | N   | N   | N   | NW  | NW  | NW  | NW  | NW  | NW  | NW  | NW  |
| PANAMA CITY         | PH  | 10  | 11  | 11  | 11  | 8   | 9   | 8   | 8   | 8   | 8   | 8   |
| PORVENIR            | PH  | N   | N   | N   | N   | NW  | N   | N   | NW  | SW  | NW  | N   |
| PORVENIR            | PH  | 13  | 13  | 12  | 11  | 8   | 7   | 8   | 8   | 9   | 8   | 11  |
| RIO HATO            | PH  | NW  | NW  | NW  | NW  | NW  | NW  | NW  | NW  | NW  | NW  | NW  |
| RIO HATO            | PH  | 13  | 14  | 15  | 15  | 10  | 7   | 7   | 6   | 6   | 7   | 9   |
| SANTIAGO            | PH  | N   | N   | N   | N   | SW  | SW  | SW  | SW  | SW  | SW  | N   |
| SANTIAGO            | PH  | 11  | 13  | 14  | 12  | 8   | 7   | 7   | 7   | 6   | 7   | 8   |
| TOCUMEN             | PH  | NE  | NE  | NE  | NE  | NW  | NW  | NW  | NW  | NW  | NW  | NW  |
| TOCUMEN             | PH  | 9   | 9   | 10  | 9   | 7   | 6   | 7   | 7   | 7   | 6   | 7   |

|              | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0600Z        |     |     |     |     |     |     |     |     |     |     |     |     |
| BELIZE INTL  | BZ  | E   | E   | E   | SE  | E   | E   | E   | E   | E   | N   | E   |
| BELIZE INTL  | BZ  | 5   | 6   | 5   | 6   | 6   | 7   | 9   | 6   | 7   | 5   | 6   |
| SAN JOSE     | CS  | E   | E   | E   | E   | NE  | NE  | NE  | NE  | NE  | NE  | E   |
| SAN JOSE     | CS  | 18  | 18  | 16  | 14  | 8   | 9   | 11  | 9   | 8   | 7   | 14  |
| ACAJUTLA     | ES  | N   | N   | N   | N   | N   | NE  | N   | N   | N   | N   | N   |
| ACAJUTLA     | ES  | 5   | 5   | 5   | 4   | 4   | 5   | 5   | 5   | 4   | 4   | 5   |
| SAN SALVADOR | ES  | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |
| SAN SALVADOR | ES  | 7   | 5   | 5   | 5   | 4   | 4   | 4   | 4   | 4   | 4   | 6   |

TABLE B-9, Cont'd

|             | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| GU          | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |
| GU          | 10  | 10  | 9   | 9   | 7   | 7   | 7   | 8   | 7   | 8   | 9   | 9   |
| GU          | SE  | E   | E   | E   | E   | SE  | E   | E   | S   | SE  | S   | SE  |
| GU          | 5   | 6   | 5   | 6   | 6   | 6   | 6   | 6   | 5   | 5   | 5   | 4   |
| GU          | W   | W   | E   | N   | N   | E   | E   | E   | E   | NW  | W   | W   |
| GU          | 6   | 10  | 5   | 6   | 5   | 7   | 6   | 7   | 6   | 10  | 10  | 10  |
| GU          | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |
| GU          | 6   | 7   | 9   | 5   | 6   | 7   | 6   | 8   | 8   | 7   | 4   | 4   |
| CATACAMAS   |     |     |     |     |     |     |     |     |     |     |     |     |
| HO          | N   | N   | NW  | N   | N   | N   | N   | NW  | N   | N   | NW  | N   |
| HO          | 4   | 4   | 5   | 6   | 4   | 4   | 4   | 5   | 5   | 4   | 4   | 3   |
| HO          | NE  | NE  | NE  | NE  | NE  | NE  | NE  | NE  | NE  | NE  | NE  | NE  |
| HO          | 10  | 10  | 8   | 7   | 3   | 6   | 7   | 6   | 5   | 5   | 6   | 8   |
| HO          | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   |
| HO          | 9   | 9   | 10  | 10  | 10  | 10  | 9   | 8   | 10  | 8   | 9   | 9   |
| HO          | S   | N   | N   | N   | N   | N   | NE  | NE  | S   | S   | SW  | S   |
| HO          | 6   | 4   | 5   | 4   | 5   | 5   | 4   | 5   | 5   | 5   | 4   | 4   |
| HO          | N   | N   | SW  | N   | SE  | N   | NW  | SW  | S   | NW  | N   | N   |
| HO          | 7   | 8   | 6   | 8   | 5   | 5   | 6   | 5   | 4   | 6   | 7   | 8   |
| HO          | E   | E   | E   | E   | E   | E   | E   | E   | E   | S   | S   | SW  |
| HO          | 7   | 6   | 6   | 6   | 4   | 6   | 5   | 5   | 4   | 5   | 5   | 4   |
| NK          | E   | E   | E   | E   | E   | E   | E   | E   | SE  | SE  | E   | E   |
| NK          | 5   | 4   | 5   | 6   | 5   | 4   | 4   | 3   | 3   | 3   | 3   | 3   |
| PH          | N   | N   | N   | N   | N   | NW  | N   | N   | NW  | NW  | NW  | NW  |
| PH          | 6   | 6   | 6   | 6   | 4   | 5   | 4   | 4   | 4   | 5   | 5   | 5   |
| PH          | NE  | NE  | NW  | N   | N   | NE  | NW  | NW  | NW  | NE  | NW  | NW  |
| PH          | 6   | 7   | 6   | 6   | 5   | 6   | 5   | 5   | 5   | 5   | 6   | 5   |
| 1200Z       |     |     |     |     |     |     |     |     |     |     |     |     |
| BELIZE INTL | W   | E   | SE  | E   | E   | E   | E   | E   | E   | NW  | NW  | N   |
| BELIZE INTL | 6   | 5   | 6   | 6   | 6   | 6   | 6   | 5   | 4   | 4   | 5   | 6   |
| CS          | W   | W   | SW  | W   | W   | W   | W   | W   | W   | W   | W   | W   |
| CS          | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   |
| CS          | NE  | NE  | NE  | NE  | N   | NE  | NE  | NE  | N   | NE  | NE  | NE  |
| CS          | 8   | 8   | 8   | 7   | 8   | 4   | 7   | 7   | 7   | 8   | 9   | 8   |
| CS          | NE  | NE  | NE  | NE  | NE  | NE  | NE  | NE  | NE  | NE  | NE  | NE  |
| CS          | 5   | 6   | 6   | 5   | 3   | 4   | 4   | 3   | 3   | 4   | 5   | 6   |
| CS          | E   | E   | E   | E   | NE  | NE  | NE  | NE  | NE  | NE  | E   | E   |
| CS          | 17  | 16  | 16  | 15  | 9   | 9   | 11  | 9   | 9   | 7   | 10  | 13  |
| ACAJUTLA    |     |     |     |     |     |     |     |     |     |     |     |     |
| ES          | NE  | NE  | NE  | NE  | NE  | NE  | N   | N   | NE  | NE  | N   | N   |
| ES          | 5   | 5   | 5   | 5   | 4   | 4   | 5   | 4   | 5   | 4   | 5   | 5   |
| ES          | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |
| ES          | 7   | 7   | 5   | 4   | 3   | 3   | 4   | 4   | 3   | 5   | 6   | 6   |
| ES          | W   | W   | W   | W   | W   | W   | SW  | W   | NW  | W   | W   | W   |
| ES          | 2   | 2   | 2   | 1   | 1   | 1   | 1   | 2   | 1   | 2   | 2   | 2   |

TABLE B-9, Cont'd

|                        | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| GU FLORES              | N 8   | N 6   | N 6   | N 6   | E 4   | S 6   | SE 5  | SE 5  | E 6   | E 5   | N 5   | N 6   |
| GU GUATEMALA CITY      | N 9   | N 9   | N 8   | N 8   | N 6   | N 7   | N 8   | N 7   | N 7   | N 7   | N 9   | N 9   |
| GU GUATEMALA CITY      | E SE  | S SE  | S NW  | N NW  | N SE  | N SE  | SE 5  | SE 5  | S SE  | S SE  | S SE  | SE    |
| GU HUEHUETENANGO       | N 5   | N 4   | N 4   | N 4   | N 4   | N 5   | SE 6  | SE 6  | N 6   | N 5   | N 5   | N 6   |
| GU HUEHUETENANGO       | NE E  | E E   | E E   | E E   | E E   | SE 8  | E 8   | E 8   | NE 8  | N 5   | N 5   | N 5   |
| GU POPTUN              | N 7   | N 8   | N 7   | N 7   | SE 7  | SE 7  | SW 8  | SW 8  | N 7   | N 7   | N 7   | N 7   |
| GU PUERTO BARRIOS      | N 10  | N 9   | N 7   | N 7   | N 6   | N 8   | N 6   | N 6   | N 6   | N 7   | N 8   | N 10  |
| GU PUERTO BARRIOS      | N 10  | N 9   | N 7   | N 7   | N 6   | N 8   | N 6   | N 6   | N 6   | N 7   | N 8   | N 10  |
| GU RETALHULEU          | N 5   | N 5   | N 5   | N 5   | N 4   | N 6   | N 5   | N 5   | N 5   | N 5   | N 5   | N 5   |
| GU RETALHULEU          | N 5   | N 5   | N 5   | N 5   | N 4   | N 6   | N 5   | N 5   | N 5   | N 5   | N 5   | N 5   |
| GU SAN JOSE            | N 4   | N 5   | N 5   | N 5   | N 4   | N 5   | N 6   | N 6   | N 6   | N 5   | N 4   | N 5   |
| GU SAN JOSE            | N 4   | N 5   | N 5   | N 5   | N 4   | N 5   | N 6   | N 6   | N 6   | N 5   | N 4   | N 5   |
| HO CATACAMAS           | E NW  | NW 4  | NW 4  | NW 3  | N 3   | N 4   | NE 4  | NE 4  | NE 3  | NW 4  | NW 4  | N 4   |
| HO CATACAMAS           | E NW  | NW 4  | NW 4  | NW 3  | N 3   | N 4   | NE 4  | NE 4  | NE 3  | NW 4  | NW 4  | N 4   |
| HO CHOLUTECA           | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE |
| HO CHOLUTECA           | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE | NE NE |
| HO ISLAS DEL CISNE     | HO 9  | HO 9  | HO 6  | HO 7  | HO 4  | HO 4  | HO 5  | HO 4  | HO 3  | HO 4  | HO 7  | HO 9  |
| HO ISLAS DEL CISNE     | HO 9  | HO 9  | HO 6  | HO 7  | HO 4  | HO 4  | HO 5  | HO 4  | HO 3  | HO 4  | HO 7  | HO 9  |
| HO ISLAS DEL CISNE     | HO 9  | HO 9  | HO 6  | HO 7  | HO 4  | HO 4  | HO 5  | HO 4  | HO 3  | HO 4  | HO 7  | HO 9  |
| HO SAN PEDRO SULA      | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  |
| HO SAN PEDRO SULA      | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  |
| HO SAN PEDRO SULA      | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  |
| HO TEGUCIGALPA         | HO N  | HO N  | HO N  | HO N  | HO S  | HO N  | HO N  | HO N  | HO SE | HO N  | HO N  | HO N  |
| HO TEGUCIGALPA         | HO N  | HO N  | HO N  | HO N  | HO S  | HO N  | HO N  | HO N  | HO SE | HO N  | HO N  | HO N  |
| HO TEGUCIGALPA         | HO N  | HO N  | HO N  | HO N  | HO S  | HO N  | HO N  | HO N  | HO SE | HO N  | HO N  | HO N  |
| HO TELA                | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  |
| HO TELA                | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  |
| HO TELA                | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  | HO S  |
| NK BLUEFIELOS          | NW 7  | N 4   | E 8   | N 6   | NW 4  | NW 5  | N 6   | N 5   | N 4   | N 4   | NW 5  | N 5   |
| NK BLUEFIELOS          | NW 7  | N 4   | E 8   | N 6   | NW 4  | NW 5  | N 6   | N 5   | N 4   | N 4   | NW 5  | N 5   |
| NK MANAGUA             | NK 5  | N 4   | E 4   | E 3   | E 2   | SE 2  | E 3   | E 3   | E 3   | E 3   | E 3   | E 3   |
| NK MANAGUA             | NK 5  | N 4   | E 4   | E 3   | E 2   | SE 2  | E 3   | E 3   | E 3   | E 3   | E 3   | E 3   |
| NK PUERTO CABEZAS      | NK NW | NW 8  | NW 10 | NW 9  | NW 11 | NW 11 | NE 13 | NE 13 | NW 9  | NW 6  | NW 6  | N 6   |
| NK PUERTO CABEZAS      | NK NW | NW 8  | NW 10 | NW 9  | NW 11 | NW 11 | NE 13 | NE 13 | NW 9  | NW 6  | NW 6  | N 6   |
| NK RIVAS               | NK 10 | N 10  | N 8   | N 9   | N 5   | N 7   | N 9   | N 7   | N 5   | N 5   | N 6   | N 8   |
| NK RIVAS               | NK 10 | N 10  | N 8   | N 9   | N 5   | N 7   | N 9   | N 7   | N 5   | N 5   | N 6   | N 8   |
| PH BOCAS DEL TORO INTL | PH W  | W 7   | W 6   | W 7   | W 5   | W 7   | W 6   | W 6   | W 6   | W 6   | W 8   | W 7   |
| PH BOCAS DEL TORO INTL | PH W  | W 7   | W 6   | W 7   | W 5   | W 7   | W 6   | W 6   | W 6   | W 6   | W 8   | W 7   |
| PH CHANGUINGLA INTL    | PH SW | SW 5  | SW 4  | SW 4  | SW 4  | SW 4  | SW 5  | SW 5  | SW 3  | SW 3  | SW 4  | SW 4  |
| PH CHANGUINGLA INTL    | PH SW | SW 5  | SW 4  | SW 4  | SW 4  | SW 4  | SW 5  | SW 5  | SW 3  | SW 3  | SW 4  | SW 4  |
| PH DAVID               | PH NE | NE 8  | NE 7  | NE 7  | NE 6  | NE 5  | NE 5  | NE 5  | NE 5  | NE 5  | NE 5  | NE 5  |
| PH DAVID               | PH NE | NE 8  | NE 7  | NE 7  | NE 6  | NE 5  | NE 5  | NE 5  | NE 5  | NE 5  | NE 5  | NE 5  |
| PH FORT SHERMAN        | PH NE | NE 7  | NE 4  | NE 5  | NE 3  | NE 3  | NE 4  | NE 4  | NE 3  | NE 3  | NE 4  | NE 4  |
| PH FORT SHERMAN        | PH NE | NE 7  | NE 4  | NE 5  | NE 3  | NE 3  | NE 4  | NE 4  | NE 3  | NE 3  | NE 4  | NE 4  |
| PH HOWARD AFB          | PH N  | N 5   | N 5   | N 5   | N 4   | N 3   | N 4   | N 4   | N 4   | N 4   | N 4   | N 4   |
| PH HOWARD AFB          | PH N  | N 5   | N 5   | N 5   | N 4   | N 3   | N 4   | N 4   | N 4   | N 4   | N 4   | N 4   |
| PH PANAMA CITY         | PH NW | NW 8  | NW 8  | NW 8  | NW 7  | NW 6  | NW 6  | NW 6  | NW 6  | NW 6  | NW 6  | NW 6  |
| PH PANAMA CITY         | PH NW | NW 8  | NW 8  | NW 8  | NW 7  | NW 6  | NW 6  | NW 6  | NW 6  | NW 6  | NW 6  | NW 6  |
| PH PORVENIR            | PH N  | N 14  | N 13  | N 13  | N 10  | N 9   | N 8   | N 7   | N 7   | N 7   | N 8   | N 14  |
| PH PORVENIR            | PH N  | N 14  | N 13  | N 13  | N 10  | N 9   | N 8   | N 7   | N 7   | N 7   | N 8   | N 14  |
| PH RIO HATO            | PH NW | NW 7  | NW 8  | NW 6  | NW 7  | NW 5  | NW 5  | NW 5  | NW 5  | NW 5  | NW 5  | NW 5  |
| PH RIO HATO            | PH NW | NW 7  | NW 8  | NW 6  | NW 7  | NW 5  | NW 5  | NW 5  | NW 5  | NW 5  | NW 5  | NW 5  |
| PH SANTIAGO            | PH NE | NE 9  | NE 7  | NE 7  | NE 6  | NE 5  | NE 5  | NE 5  | NE 5  | NE 5  | NE 5  | NE 5  |
| PH SANTIAGO            | PH NE | NE 9  | NE 7  | NE 7  | NE 6  | NE 5  | NE 5  | NE 5  | NE 5  | NE 5  | NE 5  | NE 5  |
| PH TOCUMEN             | PH N  | N 6   | N 6   | N 6   | N 6   | N 6   | N 6   | N 6   | N 6   | N 6   | N 6   | N 6   |
| PH TOCUMEN             | PH N  | N 6   | N 6   | N 6   | N 6   | N 6   | N 6   | N 6   | N 6   | N 6   | N 6   | N 6   |

TABLE B-9, Cont'd

| 1800Z |                 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BZ    | BELIZE INTL     | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | NE  |
| BZ    | BELIZE INTL     | 9   | 9   | 9   | 11  | 10  | 11  | 11  | 10  | 8   | 9   | 9   | 8   |
| CS    | LIBERIA         | NE  | NE  | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   |
| CS    | LIBERIA         | 19  | 16  | 18  | 17  | 12  | 12  | 11  | 12  | 9   | 9   | 9   | 17  |
| CS    | LIMON           | E   | NE  | E   | NE  | NE  | N   | N   | N   | NE  | N   | N   | NE  |
| CS    | LIMON           | 7   | 6   | 7   | 8   | 6   | 6   | 6   | 7   | 7   | 7   | 6   | 7   |
| CS    | NICOYA          | NE  | NE  | NE  | NE  | NE  | NE  | NE  | NE  | N   | NE  | NE  | NE  |
| CS    | NICOYA          | 11  | 10  | 10  | 10  | 7   | 6   | 7   | 6   | 6   | 6   | 7   | 9   |
| CS    | PUNTARENAS      | S   | SW  | S   | S   | S   | S   | S   | S   | S   | S   | S   | S   |
| CS    | PUNTARENAS      | 7   | 6   | 6   | 5   | 6   | 5   | 5   | 5   | 5   | 5   | 4   | 4   |
| CS    | SAN JOSE        | E   | E   | E   | E   | SW  | SW  | SE  | SW  | SW  | SW  | SE  | E   |
| CS    | SAN JOSE        | 21  | 21  | 20  | 20  | 11  | 12  | 15  | 13  | 12  | 10  | 14  | 18  |
| ES    | ACAJUTLA        | S   | S   | S   | S   | S   | S   | S   | S   | S   | S   | S   | S   |
| ES    | ACAJUTLA        | 7   | 9   | 8   | 8   | 7   | 7   | 6   | 6   | 6   | 6   | 6   | 8   |
| ES    | SAN SALVADOR    | N   | N   | N   | N   | S   | N   | N   | N   | N   | N   | N   | N   |
| ES    | SAN SALVADOR    | 9   | 10  | 7   | 6   | 5   | 4   | 5   | 5   | 4   | 6   | 9   | 9   |
| ES    | SANTA ANA       | N   | N   | N   | NE  | E   | N   | N   | NE  | NE  | N   | N   | N   |
| ES    | SANTA ANA       | 5   | 7   | 3   | 3   | 1   | 2   | 5   | 2   | 2   | 3   | 5   | 6   |
| GU    | FLORES          | N   | N   | E   | E   | N   | N   | E   | N   | N   | N   | N   | N   |
| GU    | FLORES          | 6   | 6   | 9   | 6   | 6   | 6   | 6   | 5   | 5   | 5   | 6   | 6   |
| GU    | GUATEMALA CITY  | N   | N   | N   | N   | S   | N   | N   | N   | N   | N   | N   | N   |
| GU    | GUATEMALA CITY  | 13  | 13  | 11  | 11  | 10  | 10  | 11  | 10  | 9   | 11  | 12  | 14  |
| GU    | HUEHUETENANGO   | SE  | E   | E   | E   | E   | E   | E   | E   | E   | E   | SE  | S   |
| GU    | HUEHUETENANGO   | 9   | 9   | 9   | 8   | 7   | 10  | 10  | 10  | 9   | 8   | 8   | 8   |
| GU    | POPTUN          | E   | E   | E   | E   | E   | E   | E   | E   | E   | N   | N   | E   |
| GU    | POPTUN          | 10  | 10  | 12  | 10  | 8   | 10  | 8   | 8   | 9   | 7   | 6   | 8   |
| GU    | PUERTO BARRIOS  | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |
| GU    | PUERTO BARRIOS  | 8   | 8   | 9   | 10  | 9   | 8   | 8   | 8   | 8   | 7   | 8   | 8   |
| GU    | RETALHULEU      | SW  | SW  | S   | SW  | S   | S   | SW  | SW  | S   | SW  | SW  | S   |
| GU    | RETALHULEU      | 6   | 7   | 6   | 6   | 5   | 7   | 5   | 6   | 6   | 6   | 6   | 6   |
| GU    | SAN JOSE        | S   | S   | S   | S   | S   | S   | S   | S   | S   | S   | S   | S   |
| GU    | SAN JOSE        | 8   | 9   | 10  | 9   | 8   | 8   | 7   | 7   | 7   | 7   | 7   | 8   |
| HO    | CATACAMAS       | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   |
| HO    | CATACAMAS       | 7   | 7   | 8   | 8   | 5   | 6   | 7   | 6   | 5   | 5   | 5   | 6   |
| HO    | CHOLUTECA       | N   | NE  | N   | NE  | S   | NE  | NE  | NE  | S   | S   | NE  | NE  |
| HO    | CHOLUTECA       | 11  | 11  | 8   | 10  | 3   | 6   | 6   | 6   | 4   | 5   | 9   | 12  |
| HO    | GUANAJA         | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | NE  |
| HO    | GUANAJA         | 12  | 10  | 14  | 8   | 9   | 10  | 9   | 9   | 7   | 9   | 8   | 10  |
| HO    | ISLAS DEL CISNE | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   |
| HO    | ISLAS DEL CISNE | 11  | 11  | 13  | 13  | 13  | 12  | 11  | 11  | 10  | 9   | 11  | 11  |
| HO    | LA CEIBA        | N   | N   | N   | N   | N   | N   | NE  | N   | N   | N   | N   | N   |
| HO    | LA CEIBA        | 6   | 7   | 7   | 8   | 7   | 9   | 8   | 8   | 7   | 7   | 6   | 6   |
| HO    | PUERTO LEMPIRA  | E   | E   | E   | E   | E   | E   | E   | NE  | E   | N   | N   | NE  |
| HO    | PUERTO LEMPIRA  | 8   | 8   | 7   | 8   | 6   | 7   | 7   | 6   | 6   | 7   | 8   | 7   |
| HO    | SAN PEDRO SULA  | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |
| HO    | SAN PEDRO SULA  | 8   | 6   | 7   | 7   | 5   | 6   | 6   | 6   | 6   | 6   | 6   | 6   |
| HO    | TEGUCIGALPA     | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |
| HO    | TEGUCIGALPA     | 10  | 11  | 10  | 9   | 8   | 8   | 9   | 8   | 8   | 9   | 11  | 11  |
| HO    | TELA            | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |
| HO    | TELA            | 5   | 6   | 7   | 8   | 7   | 8   | 7   | 6   | 6   | 6   | 6   | 7   |

TABLE B-9, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BLUEFIELDS          | NK  | NE  | NE  | E   | E   | E   | NE  | NE  | E   | NE  | N   | N   |
| BLUEFIELDS          | NK  | 8   | 9   | 9   | 7   | 7   | 9   | 9   | 6   | 6   | 8   | 11  |
| CHINANDEGA          | NK  | NE  | E   | NE  | SW  | N   | NE  | NE  | N   | N   | N   | NE  |
| CHINANDEGA          | NK  | 11  | 10  | 10  | 7   | 6   | 7   | 5   | 5   | 4   | 6   | 11  |
| JUIGALPA            | NK  | N   | N   | NE  | N   | N   | N   | N   | N   | N   | N   | N   |
| JUIGALPA            | NK  | 11  | 10  | 9   | 9   | 8   | 9   | 9   | 7   | 7   | 9   | 10  |
| MANAGUA             | NK  | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   |
| MANAGUA             | NK  | 11  | 11  | 10  | 10  | 8   | 7   | 7   | 6   | 5   | 7   | 9   |
| PUERTO CABEZAS      | NK  | NE  | NE  | E   | E   | E   | E   | E   | E   | NE  | NE  | NE  |
| PUERTO CABEZAS      | NK  | 12  | 11  | 11  | 12  | 11  | 13  | 11  | 10  | 9   | 13  | 13  |
| RIVAS               | NK  | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   | E   |
| RIVAS               | NK  | 11  | 12  | 10  | 9   | 8   | 9   | 9   | 7   | 7   | 8   | 12  |
| BOCAS DEL TORO INTL | PH  | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |
| BOCAS DEL TORO INTL | PH  | 7   | 7   | 8   | 7   | 7   | 7   | 7   | 7   | 7   | 8   | 8   |
| CHANGUINOLA INTL    | PH  | N   | N   | N   | N   | N   | N   | N   | NW  | N   | NW  | N   |
| CHANGUINOLA INTL    | PH  | 6   | 6   | 7   | 7   | 6   | 6   | 7   | 7   | 6   | 6   | 6   |
| DAVID               | PH  | S   | S   | S   | S   | S   | S   | SW  | S   | SW  | S   | S   |
| DAVID               | PH  | 10  | 13  | 11  | 10  | 9   | 8   | 8   | 8   | 8   | 7   | 8   |
| FORT SHERMAN        | PH  | NE  | NE  | NE  | NE  | W   | NW  | SW  | W   | W   | W   | NE  |
| FORT SHERMAN        | PH  | 8   | 7   | 7   | 6   | 4   | 5   | 4   | 3   | 3   | 4   | 6   |
| HOWARD AFB          | PH  | N   | N   | N   | S   | S   | NW  | S   | S   | S   | S   | N   |
| HOWARD AFB          | PH  | 10  | 11  | 10  | 7   | 6   | 6   | 6   | 6   | 7   | 7   | 7   |
| HOWARD AFB          | PH  | SW  | SW  | SW  | SW  | SW  | SW  | SW  | SW  | SW  | SW  | S   |
| JAUQUE              | PH  | 7   | 7   | 6   | 7   | 6   | 6   | 7   | 6   | 6   | 6   | 6   |
| LA PALMA            | PH  | N   | N   | N   | N   | N   | N   | NW  | SW  | SW  | N   | N   |
| LA PALMA            | PH  | 7   | 7   | 7   | 5   | 5   | 5   | 5   | 6   | 6   | 6   | 6   |
| PANAMA CITY         | PH  | N   | N   | N   | N   | S   | S   | S   | S   | S   | S   | S   |
| PANAMA CITY         | PH  | 11  | 12  | 11  | 10  | 8   | 8   | 8   | 9   | 9   | 8   | 9   |
| PORVENIR            | PH  | N   | N   | N   | N   | N   | N   | N   | N   | NW  | N   | N   |
| PORVENIR            | PH  | 14  | 13  | 12  | 11  | 8   | 8   | 7   | 7   | 8   | 9   | 12  |
| RIO HATO            | PH  | NW  | NW  | SE  | SE  | SE  | SE  | SE  | SE  | SE  | SE  | SE  |
| RIO HATO            | PH  | 13  | 14  | 12  | 10  | 8   | 8   | 7   | 7   | 7   | 8   | 9   |
| SANTIAGO            | PH  | N   | N   | N   | N   | SW  | SW  | SW  | SW  | SW  | SW  | N   |
| SANTIAGO            | PH  | 12  | 11  | 12  | 11  | 8   | 7   | 7   | 7   | 7   | 8   | 8   |
| TOCUMEN             | PH  | NE  | NE  | NE  | S   | S   | SW  | S   | S   | S   | S   | NE  |
| TOCUMEN             | PH  | 13  | 13  | 13  | 9   | 7   | 8   | 7   | 8   | 8   | 8   | 10  |

TABLE B-10 Calm Winds: Percent Frequency of Occurrence, Selected Times

| 0000Z               |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL         | BZ | 26  | 9   | 8   | 12  | 12  | 12  | 7   | 43  | 17  | 31  | 36  | 30  |
| LIBERIA             | CS | 19  | 7   | 13  | 20  | 57  | 70  | 41  | 71  | 87  | 82  | 72  | 48  |
| LIMON               | CS | 27  | 23  | 20  | 26  | 31  | 32  | 21  | 29  | 41  | 42  | 36  | 38  |
| NICOYA              | CS | 34  | 11  | 17  | 23  | 67  | 89  | 79  | 84  | 94  | 93  | 81  | 82  |
| PUNTARENAS          | CS | 52  | 37  | 46  | 39  | 54  | 51  | 64  | 58  | 54  | 62  | 52  | 54  |
| SAN JOSE            | CS | 4   | 4   | 12  | 15  | 21  | 25  | 12  | 21  | 20  | 27  | 20  | 5   |
| ACAJUTLA            | ES | 15  | 9   | 22  | 8   | 13  | 18  | 25  | 13  | 13  | 12  | 11  | 18  |
| SAN SALVADOR        | ES | 12  | 0   | *   | *   | 5   | 6   | 11  | 14  | 13  | 11  | 7   | 9   |
| SANTA ANA           | ES | 24  | 12  | 8   | 9   | 30  | 39  | 42  | 45  | 30  | 42  | 32  | 28  |
| FLORES              | GU | 76  | 68  | 49  | 41  | 56  | 70  | 75  | 77  | 78  | 73  | 77  | 77  |
| GUATEMALA CITY      | GU | 4   | *   | 5   | 9   | 9   | 16  | 16  | 21  | 16  | 8   | 6   | 6   |
| HUEHUETENANGO       | GU | 18  | 23  | 19  | 24  | 45  | 53  | 24  | 38  | 63  | 69  | 50  | 36  |
| POPTUN              | GU | 85  | 60  | 48  | 42  | 66  | 50  | 52  | 69  | 85  | 92  | 96  | 90  |
| PUERTO BARRIOS      | GU | 46  | 40  | 24  | 20  | 32  | 26  | 24  | 33  | 58  | 62  | 57  | 57  |
| RETALHULEU          | GU | 25  | 13  | 19  | 46  | 40  | 47  | 46  | 51  | 63  | 46  | 66  | 43  |
| SAN JOSE            | GU | 53  | 31  | 21  | 27  | 28  | 36  | 25  | 34  | 37  | 55  | 70  | 70  |
| CATACAMAS           | HO | 53  | 20  | 20  | 29  | 19  | 30  | 24  | 42  | 43  | 41  | 13  | 99  |
| CHOLUTECA           | HO | 8   | 5   | 6   | 11  | 11  | 21  | 19  | 21  | 26  | 29  | 20  | 13  |
| GUANAJA             | HO | 31  | 11  | *   | 14  | 17  | 11  | *   | 5   | 9   | 32  | 46  | 43  |
| ISLAS DEL CISNE     | HO | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | *   | 2   | 2   | *   |
| LA CEIBA            | HO | 25  | 22  | 16  | 18  | 15  | 13  | 16  | 10  | 27  | 28  | 36  | 44  |
| PUERTO LEMPIRA      | HO | 8   | 6   | 0   | 10  | 9   | 13  | 5   | 9   | 13  | 15  | 13  | 13  |
| SAN PEDRO SULA      | HO | 21  | 17  | 16  | 18  | 11  | 21  | 15  | 22  | 20  | 26  | 29  | 24  |
| TEGUCIGALPA         | HO | 6   | 0   | 0   | 7   | 5   | 7   | 6   | 8   | 9   | 10  | 6   | 8   |
| TELA                | HO | 27  | 21  | 12  | 14  | 12  | 18  | 20  | 10  | 22  | 33  | 44  | 32  |
| BLUEFIELDS          | NK | 19  | 5   | 4   | 4   | 7   | 26  | 10  | 15  | 28  | 21  | 23  | 15  |
| CHINANDEGA          | NK | 22  | 15  | 6   | 17  | 11  | 24  | 27  | 34  | 43  | 43  | 52  | 64  |
| JUIGALPA            | NK | 5   | 4   | 11  | 0   | 16  | 16  | 17  | 31  | 31  | 14  | 16  | 8   |
| MANAGUA             | NK | 5   | 6   | 8   | 9   | 16  | 28  | 16  | 28  | 34  | 43  | 41  | 23  |
| PUERTO CABEZAS      | NK | 11  | 8   | 0   | 0   | *   | 8   | 6   | 10  | 10  | 11  | 6   | 9   |
| RIVAS               | NK | 21  | 17  | 20  | 30  | 51  | 57  | 31  | 48  | 61  | 67  | 52  | 34  |
| BOCAS DEL TORO INTL | PH | 13  | 20  | 17  | 17  | 21  | 20  | 21  | 23  | 37  | 40  | 23  | 24  |
| CHANGUINOLA INTL    | PH | 39  | 24  | 16  | 26  | 31  | 30  | 29  | 31  | 45  | 47  | 48  | 43  |
| DAVID               | PH | 22  | 9   | 18  | 23  | 24  | 31  | 36  | 31  | 38  | 42  | 29  | 32  |
| HOWARD AFB          | PH | 6   | 3   | 6   | 12  | 27  | 21  | 19  | 26  | 33  | 35  | 28  | 12  |
| LA PALMA            | PH | 23  | 11  | 12  | 27  | 26  | 27  | 25  | 22  | 31  | 27  | 26  | 29  |
| PANAMA CITY         | PH | 10  | 11  | 8   | 8   | 23  | 27  | 17  | 24  | 26  | 36  | 28  | 19  |
| PORVENIR            | PH | 0   | 4   | 5   | 4   | 8   | 12  | 6   | 6   | 5   | 7   | 8   | 6   |
| RIO HATO            | PH | 39  | 8   | 7   | 9   | 27  | 30  | 26  | 32  | 39  | 44  | 42  | 26  |
| SANTIAGO            | PH | 7   | 10  | 13  | 16  | 27  | 23  | 27  | 35  | 30  | 23  | 26  | 25  |
| TOCUMEN             | PH | 25  | 14  | 11  | 16  | 37  | 40  | 34  | 38  | 42  | 43  | 47  | 32  |

| 0600Z       |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL | BZ | 39  | 31  | 34  | 23  | 25  | 34  | 29  | 34  | 41  | 44  | 52  | 37  |
| SAN JOSE    | CS | 6   | 5   | 6   | 10  | 16  | 18  | 15  | 15  | 29  | 30  | 18  | 6   |

TABLE B-10, Cont'd.

|                 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ACAUTLA         | 9   | 10  | 10  | 11  | 9   | 16  | 10  | 9   | 9   | 13  | 6   | 5   |
| SAN SALVADOR    | 26  | 25  | 43  | 28  | 22  | 23  | 24  | 21  | 27  | 24  | 20  | 18  |
| GUATEMALA CITY  | 14  | 17  | 29  | 22  | 40  | 32  | 21  | 21  | 37  | 17  | 11  | 12  |
| HUEHUETENANGO   | 42  | 50  | 39  | 40  | 64  | 69  | 52  | 62  | 83  | 83  | 70  | 53  |
| PUERTO BARRIOS  | 51  | 45  | 44  | 33  | 46  | 43  | 38  | 46  | 58  | 62  | 60  | 62  |
| SAN JOSE        | 64  | 60  | 60  | 49  | 50  | 58  | 55  | 58  | 57  | 73  | 77  | 80  |
| CATACAMAS       | 54  | 29  | 28  | 26  | 32  | 53  | 48  | 46  | 49  | 51  | 35  | 49  |
| CHOLUTECA       | 35  | 33  | 55  | 50  | 57  | 80  | 33  | 39  | 56  | 46  | 36  | 27  |
| ISLAS DEL CISNE | 0   | *   | *   | *   | 0   | 0   | 0   | 0   | 0   | 2   | 4   | 2   |
| SAN PEDRO SULA  | 68  | 65  | 61  | 64  | 41  | 42  | 58  | 57  | 62  | 61  | 57  | 62  |
| TEGUCIGALPA     | 23  | 16  | 17  | 14  | 28  | 34  | 33  | 35  | 38  | 35  | 26  | 28  |
| TELA            | 68  | 61  | 60  | 47  | 52  | 54  | 47  | 40  | 70  | 68  | 70  | 59  |
| MANAGUA         | 59  | 42  | 28  | 23  | 53  | 80  | 80  | 85  | 89  | 93  | 95  | 74  |
| HOWARD AFB      | 7   | 6   | 12  | 18  | 47  | 46  | 34  | 39  | 48  | 54  | 46  | 23  |
| TOCUMEN         | 77  | 60  | 57  | 52  | 73  | 56  | 60  | 58  | 64  | 57  | 57  | 66  |

|                 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1200Z           |     |     |     |     |     |     |     |     |     |     |     |     |
| BELIZE INTL     | 49  | 40  | 40  | 48  | 40  | 30  | 38  | 46  | 60  | 59  | 41  | 49  |
| LIXON           | 28  | 22  | 13  | 16  | 24  | 22  | 18  | 24  | 30  | 35  | 28  | 23  |
| NICOYA          | 77  | 53  | 70  | 64  | 94  | 96  | 87  | 96  | 98  | 99  | 89  | 74  |
| PUNTARENAS      | 88  | 78  | 88  | 84  | 00  | 80  | 86  | 85  | 88  | 91  | 89  | 81  |
| SAN JOSE        | 4   | 4   | 4   | 4   | 13  | 9   | 10  | 8   | 13  | 13  | 10  | 4   |
| ACAUTLA         | 8   | 8   | 12  | 14  | 10  | 19  | 31  | 13  | 11  | 18  | 6   | 7   |
| SAN SALVADOR    | 12  | 20  | 43  | 26  | 31  | 26  | 23  | 17  | 28  | 14  | 9   | 10  |
| SANTA ANA       | 54  | 58  | 58  | 60  | 78  | 76  | 64  | 58  | 83  | 61  | 42  | 37  |
| FLORES          | 89  | 88  | 83  | 85  | 93  | 96  | 97  | 97  | 94  | 90  | 88  | 92  |
| GUATEMALA CITY  | 19  | 24  | 36  | 35  | 51  | 36  | 21  | 23  | 26  | 17  | 14  | 20  |
| HUEHUETENANGO   | 96  | 98  | 99  | 98  | 98  | 97  | 96  | 99  | 97  | 97  | 98  | 95  |
| POPTUN          | 93  | 73  | 82  | 64  | 82  | 88  | 93  | 99  | 91  | 98  | 97  | 82  |
| PUERTO BARRIOS  | 46  | 49  | 58  | 63  | 68  | 65  | 62  | 69  | 58  | 48  | 47  | 57  |
| RETALHULEU      | 57  | 60  | 72  | 82  | 88  | 77  | 70  | 78  | 91  | 81  | 86  | 48  |
| SAN JOSE        | 81  | 92  | 91  | 90  | 86  | 76  | 86  | 81  | 84  | 88  | 85  | 89  |
| CATACAMAS       | 76  | 51  | 52  | 45  | 65  | 78  | 60  | 56  | 55  | 52  | 54  | 62  |
| ISLAS DEL CISNE | 0   | 0   | 0   | *   | 0   | 0   | 0   | 0   | 5   | 3   | 4   | *   |
| SAN PEDRO SULA  | 78  | 72  | 80  | 78  | 71  | 80  | 82  | 82  | 79  | 75  | 73  | 76  |
| TEGUCIGALPA     | 35  | 34  | 31  | 34  | 49  | 47  | 43  | 45  | 61  | 43  | 26  | 32  |
| TELA            | 83  | 78  | 82  | 79  | 84  | 78  | 84  | 89  | 82  | 72  | 76  | 79  |
| BLUEFIELDS      | 31  | 14  | 14  | 0   | 25  | 33  | 37  | 29  | 33  | 22  | 23  | 21  |
| MANAGUA         | 68  | 71  | 68  | 71  | 86  | 87  | 86  | 91  | 93  | 98  | 96  | 84  |
| PUERTO CABEZAS  | 6   | 8   | 17  | 25  | 5   | 0   | 6   | *   | 17  | 7   | 6   | *   |
| RIVAS           | 21  | 12  | 21  | 27  | 60  | 61  | 38  | 56  | 70  | 79  | 55  | 35  |

TABLE B-10, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| PH                  | 41  | 39  | 54  | 45  | 56  | 52  | 49  | 57  | 63  | 76  | 51  | 39  |
| BOCAS DEL TORO INTL | 60  | 50  | 41  | 73  | 57  | 52  | 52  | 50  | 55  | 68  | 63  | 52  |
| CHANGUINOLA INTL    | 65  | 60  | 68  | 60  | 77  | 65  | 75  | 81  | 84  | 86  | 86  | 80  |
| DAVID               | 30  | 17  | 17  | 20  | 43  | 55  | 42  | 52  | 51  | 46  | 42  | 32  |
| FORT SHERMAN        | 18  | 9   | 17  | 25  | 48  | 51  | 41  | 51  | 54  | 54  | 48  | 44  |
| HOWARD AFB          | 46  | 40  | 45  | 53  | 65  | 65  | 64  | 71  | 76  | 70  | 59  | 59  |
| PANAMA CITY         | 0   | 0   | 3   | 3   | 2   | 3   | 0   | 5   | 4   | 3   | 5   | 1   |
| PORVENIR            | 67  | 56  | 53  | 44  | 45  | 38  | 39  | 37  | 46  | 50  | 33  | 27  |
| RIO HATO            | 69  | 89  | 70  | 83  | 80  | 73  | 77  | 84  | 80  | 69  | 88  | 91  |
| SANTAGO             | 71  | 59  | 62  | 62  | 61  | 59  | 60  | 58  | 58  | 55  | 62  | 66  |
| TOCUMEN             |     |     |     |     |     |     |     |     |     |     |     |     |

|                 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BZ              | 9   | 13  | 0   | 9   | 14  | 11  | 7   | 10  | 13  | 11  | 8   | 14  |
| LIBERIA         | 15  | 8   | 15  | 21  | 44  | 52  | 27  | 38  | 60  | 50  | 28  | 32  |
| LINON           | 5   | 13  | 13  | 8   | 10  | 9   | 5   | 9   | 17  | 15  | 6   | 5   |
| NICOYA          | 26  | 16  | 12  | 16  | 48  | 52  | 50  | 47  | 63  | 36  | 35  | 25  |
| PUNTARENAS      | 21  | 8   | 3   | 8   | 16  | 26  | 30  | 27  | 22  | 21  | 26  | 30  |
| SAN JOSE        | 0   | 1   | 0   | *   | *   | 2   | 2   | 0   | *   | 2   | 1   | 0   |
| ACAJUTLA        | 0   | 1   | 0   | *   | 2   | 3   | 2   | 2   | 1   | 2   | 1   | 1   |
| SAN SALVADOR    | 4   | 4   | 3   | 5   | 8   | 6   | 10  | 7   | 13  | 4   | 5   | *   |
| SANTA ANA       | 29  | 32  | 27  | 31  | 41  | 48  | 40  | 29  | 38  | 31  | 19  | 25  |
| FLORES          | 38  | 38  | 20  | 21  | 40  | 50  | 50  | 47  | 50  | 49  | 50  | 50  |
| GUATEMALA CITY  | 7   | 13  | 12  | 11  | 11  | 13  | 6   | 8   | 10  | 5   | 6   | 7   |
| HUEHUETENANGO   | 38  | 53  | 47  | 49  | 71  | 51  | 31  | 31  | 52  | 60  | 52  | 48  |
| PORTUN          | 30  | 22  | 51  | 25  | 54  | 50  | 28  | 28  | 36  | 43  | 53  | 46  |
| PUERTO BARRIOS  | 8   | 8   | 3   | 4   | 5   | 7   | 9   | 7   | 7   | 9   | 12  | 12  |
| RETALHULEU      | 59  | 30  | 44  | 45  | 59  | 41  | 18  | 24  | 21  | 30  | 21  | 40  |
| SAN JOSE        | 11  | 0   | 4   | 4   | 8   | 10  | 9   | 12  | 22  | 11  | 19  | 7   |
| CATACAMAS       | 41  | 24  | 18  | 19  | 27  | 34  | 20  | 30  | 35  | 39  | 36  | 38  |
| CHOLUTECA       | 30  | 11  | 16  | 36  | 17  | 18  | 10  | 16  | 17  | 20  | 13  | 6   |
| GUANAJA         | 25  | 19  | 11  | 7   | 20  | 6   | 14  | 23  | 27  | 32  | 42  | 17  |
| ISLAS DEL CISNE | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | *   | 0   | *   | 0   |
| LA CEIBA        | 13  | 13  | 9   | 5   | 6   | 10  | 14  | 10  | 8   | 16  | 15  | 13  |
| PUERTO LEMPIRA  | 8   | 7   | 10  | 8   | *   | 8   | 7   | 12  | 12  | 10  | 8   | 6   |
| SAN PEDRO SULA  | 47  | 40  | 36  | 33  | 35  | 43  | 34  | 42  | 36  | 41  | 38  | 47  |
| TEGUCIGALPA     | 4   | 5   | 5   | 6   | 6   | 7   | 4   | 6   | 7   | 8   | 0   | 6   |
| TELA            | 10  | 12  | 10  | 15  | *   | 12  | 6   | 10  | 14  | 12  | 13  | 14  |
| BLUEFIELDS      | 15  | 4   | 4   | 8   | 9   | 8   | 16  | 13  | 14  | 14  | 7   | 6   |
| CHINAMDEGA      | 7   | 5   | 6   | 30  | 11  | 22  | 22  | 23  | 21  | 16  | *   | 21  |
| JUIGALPA        | *   | 1   | 1   | 1   | 15  | 10  | 2   | 3   | 5   | 1   | 1   | *   |
| MANAGUA         | 0   | *   | *   | 5   | 14  | 11  | 3   | 7   | 10  | 19  | 7   | *   |
| PUERTO CABEZAS  | 1   | 4   | *   | *   | 1   | 0   | 2   | 3   | 5   | 5   | 7   | 3   |
| RIVAS           | 4   | 4   | 6   | 13  | 28  | 29  | 7   | 19  | 30  | 30  | 22  | 6   |

TABLE B-10, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BOCAS DEL TORO INTL | 10  | 8   | 11  | 9   | 12  | 15  | 12  | 17  | 12  | 7   | 17  | 8   |
| CHANGUINOLA INTL    | 34  | 8   | 15  | 7   | 9   | 17  | 18  | 13  | 14  | 6   | 7   | 8   |
| DAVID               | 9   | 6   | 7   | 14  | 13  | 18  | 20  | 16  | 18  | 19  | 9   | 13  |
| FORT SHERMAN        | 1   | *   | *   | 1   | 11  | 14  | 10  | 9   | 7   | 6   | 7   | 5   |
| HOWARD AFB          | 13  | 3   | 0   | 7   | 4   | 7   | 6   | 8   | 5   | 12  | 7   | 6   |
| JAUQUE              | 25  | 22  | 23  | 20  | 31  | 21  | 30  | 31  | 29  | 22  | 27  | 31  |
| LA PALMA            | 15  | 14  | 10  | 23  | 23  | 21  | 24  | 19  | 17  | 19  | 20  | 25  |
| PANAMA CITY         | 5   | 8   | 4   | 6   | 9   | 11  | 11  | 17  | 8   | 12  | 9   | 9   |
| PORVENIR            | 1   | *   | 2   | *   | 8   | 10  | 10  | 12  | 13  | 13  | 8   | 3   |
| RIO HATO            | 5   | 5   | 6   | 4   | 6   | 7   | 9   | 8   | 8   | 9   | 6   | 9   |
| SANTIAGO            | 10  | 7   | 7   | 18  | 26  | 16  | 21  | 18  | 17  | 13  | 18  | 18  |
| TOCUMEN             | 10  | 5   | 8   | 7   | 11  | 16  | 13  | 14  | 10  | 14  | 16  | 9   |

NOTE: AN \* DENOTES AN OCCURRENCE OF LESS THAN .5 %

TABLE B-11 Ceilings > 3,000 ft.: Percent Frequency of Occurrence, Selected Times

| 0000Z               |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL         | BZ | 91  | 94  | 89  | 88  | 93  | 87  | 93  | 93  | 95  | 93  | 91  | 84  |
| LIBERIA             | CS | 100 | 100 | 99  | 99  | 89  | 96  | 89  | 89  | 92  | 87  | 98  | 96  |
| LIMON               | CS | 80  | 60  | 78  | 73  | 72  | 84  | 81  | 88  | 88  | 86  | 79  | 82  |
| NICOYA              | CS | 98  | 97  | 96  | 89  | 83  | 85  | 88  | 83  | 81  | 73  | 84  | 96  |
| PUNTARENAS          | CS | 97  | 99  | 100 | 98  | 88  | 88  | 94  | 89  | 90  | 84  | 88  | 97  |
| SAN JOSE            | CS | 98  | 99  | 99  | 95  | 87  | 79  | 91  | 79  | 74  | 62  | 75  | 91  |
| ACAJUTLA            | ES | 100 | 100 | 100 | 100 | 99  | 98  | 98  | 100 | 95  | 98  | 99  | 100 |
| SAN SALVADOR        | ES | 100 | 100 | 100 | 97  | 96  | 92  | 95  | 98  | 95  | 95  | 100 | 100 |
| SANTA ANA           | ES | 100 | 100 | 100 | 99  | 99  | 93  | 100 | 99  | 99  | 98  | 99  | 100 |
| FLORES              | GU | 77  | 87  | 88  | 94  | 92  | 88  | 93  | 95  | 81  | 81  | 82  | 78  |
| GUATEMALA CITY      | GU | 87  | 87  | 81  | 80  | 71  | 68  | 81  | 71  | 62  | 70  | 83  | 84  |
| HUEHUETENANGO       | GU | 92  | 88  | 81  | 81  | 67  | 67  | 79  | 78  | 68  | 73  | 74  | 91  |
| POPTUN              | GU | 90  | 89  | 90  | 93  | 91  | 93  | 94  | 79  | 74  | 62  | 81  | 75  |
| PUERTO BARRIOS      | GU | 77  | 76  | 87  | 79  | 89  | 72  | 62  | 76  | 83  | 79  | 71  | 75  |
| RETALHULEU          | GU | 87  | 82  | 73  | 89  | 71  | 73  | 77  | 69  | 72  | 67  | 91  | 90  |
| SAN JOSE            | GU | 100 | 98  | 98  | 92  | 88  | 79  | 85  | 81  | 75  | 76  | 92  | 96  |
| CATACAMAS           | HO | 97  | 98  | 99  | 97  | 96  | 91  | 92  | 97  | 94  | 94  | 95  | 95  |
| CHOLUTECA           | HO | 100 | 100 | 99  | 100 | 96  | 96  | 92  | 97  | 92  | 92  | 98  | 97  |
| GUANAJA             | HO | 91  | 88  | 98  | 91  | 89  | 75  | 84  | 100 | 92  | 94  | 84  | 88  |
| ISLAS DEL CISNE     | HO | 93  | 94  | 95  | 96  | 98  | 94  | 95  | 95  | 89  | 92  | 94  | 92  |
| LA CEIBA            | HO | 82  | 75  | 91  | 88  | 94  | 81  | 86  | 88  | 86  | 81  | 80  | 78  |
| PUERTO LEMPIRA      | HO | 93  | 93  | 94  | 94  | 99  | 86  | 82  | 83  | 92  | 89  | 87  | 90  |
| SAN PEDRO SULA      | HO | 84  | 90  | 95  | 95  | 97  | 89  | 92  | 95  | 94  | 94  | 93  | 89  |
| TEGUCIGALPA         | HO | 86  | 92  | 96  | 99  | 96  | 81  | 91  | 91  | 85  | 82  | 86  | 80  |
| TELA                | HO | 78  | 77  | 89  | 87  | 95  | 82  | 78  | 84  | 86  | 80  | 72  | 72  |
| BLUEFIELDS          | NK | 92  | 83  | 87  | 88  | 83  | 82  | 86  | 89  | 95  | 90  | 92  | 95  |
| CHINANDEGA          | NK | 100 | 96  | 92  | 94  | 88  | 79  | 88  | 84  | 87  | 80  | 83  | 86  |
| JUIGALPA            | NK | 74  | 83  | 80  | 79  | 73  | 49  | 52  | 62  | 58  | 76  | 62  | 80  |
| MANAGUA             | NK | 94  | 95  | 96  | 96  | 92  | 85  | 86  | 84  | 81  | 83  | 88  | 92  |
| PUERTO CABEZAS      | NK | 86  | 91  | 87  | 92  | 80  | 67  | 79  | 77  | 87  | 86  | 82  | 83  |
| RIVAS               | NK | 98  | 99  | 99  | 100 | 97  | 89  | 93  | 91  | 92  | 89  | 92  | 97  |
| BOCAS DEL TORO INTL | PH | 91  | 92  | 95  | 90  | 91  | 90  | 91  | 94  | 91  | 94  | 89  | 91  |
| CHANGUINOLA INTL    | PH | 89  | 91  | 98  | 86  | 92  | 91  | 85  | 94  | 90  | 91  | 84  | 93  |
| DAVID               | PH | 98  | 98  | 94  | 93  | 77  | 77  | 81  | 81  | 66  | 67  | 75  | 88  |
| HOWARD AFB          | PH | 100 | 100 | 100 | 99  | 97  | 97  | 97  | 98  | 98  | 98  | 96  | 100 |
| LA PALMA            | PH | 100 | 100 | 98  | 99  | 95  | 93  | 96  | 95  | 92  | 96  | 94  | 95  |
| PANAMA CITY         | PH | 100 | 99  | 99  | 97  | 95  | 93  | 96  | 97  | 97  | 96  | 95  | 96  |
| PORVENIR            | PH | 100 | 99  | 99  | 99  | 98  | 98  | 98  | 100 | 99  | 97  | 97  | 98  |
| RIO HATO            | PH | 100 | 100 | 100 | 96  | 94  | 92  | 98  | 93  | 97  | 82  | 94  | 99  |
| SANTIAGO            | PH | 100 | 100 | 99  | 100 | 95  | 97  | 99  | 96  | 97  | 96  | 96  | 99  |
| TOCUMEN             | PH | 100 | 99  | 99  | 95  | 93  | 92  | 95  | 97  | 89  | 90  | 92  | 97  |

TABLE B-11, Cont'd

| 0600Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 85  | 84  | 86  | 83  | 85  | 70  | 87  | 88  | 81  | 80  | 86  | 80  |
|                 | CS | 98  | 100 | 99  | 97  | 91  | 91  | 94  | 93  | 91  | 82  | 92  | 99  |
| SAN JOSE        | ES | 100 | 100 | 99  | 99  | 100 | 100 | 99  | 98  | 98  | 99  | 100 | 100 |
|                 | ES | 99  | 100 | 100 | 98  | 98  | 91  | 95  | 95  | 88  | 95  | 99  | 100 |
| ACAJUTLA        | GU | 63  | 70  | 73  | 65  | 62  | 45  | 51  | 46  | 44  | 49  | 54  | 56  |
|                 | GU | 89  | 90  | 84  | 75  | 70  | 64  | 78  | 65  | 67  | 75  | 75  | 83  |
| HUEHUETENANGO   | GU | 75  | 74  | 71  | 76  | 86  | 60  | 62  | 67  | 80  | 68  | 76  | 74  |
|                 | GU | 100 | 97  | 98  | 96  | 86  | 71  | 77  | 76  | 82  | 88  | 97  | 99  |
| SAN JOSE        | HO | 93  | 93  | 92  | 93  | 88  | 90  | 95  | 86  | 86  | 90  | 87  | 91  |
|                 | HO | 100 | 99  | 100 | 98  | 95  | 91  | 96  | 98  | 89  | 95  | 98  | 100 |
| CATACAMAS       | HO | 95  | 97  | 97  | 96  | 98  | 94  | 99  | 99  | 95  | 94  | 95  | 95  |
|                 | HO | 87  | 89  | 93  | 97  | 96  | 90  | 95  | 93  | 94  | 86  | 91  | 86  |
| ISLAS DEL CISNE | HO | 75  | 78  | 91  | 89  | 84  | 68  | 79  | 75  | 73  | 64  | 67  | 67  |
|                 | HO | 76  | 84  | 86  | 89  | 83  | 91  | 89  | 90  | 94  | 84  | 81  | 84  |
| TEGUCIGALPA     | HO | 99  | 97  | 100 | 99  | 91  | 87  | 93  | 89  | 87  | 89  | 95  | 99  |
|                 | NK | 100 | 100 | 100 | 100 | 100 | 98  | 99  | 100 | 99  | 99  | 100 | 100 |
| MANAGUA         | PM | 100 | 99  | 100 | 97  | 96  | 96  | 99  | 97  | 97  | 94  | 97  | 100 |
|                 | PM | 100 | 99  | 100 | 100 | 100 | 98  | 99  | 100 | 99  | 99  | 100 | 100 |
| HOWAD AFB       | PM | 100 | 99  | 100 | 97  | 96  | 96  | 99  | 97  | 97  | 94  | 97  | 100 |
|                 | PM | 100 | 99  | 100 | 100 | 100 | 98  | 99  | 100 | 99  | 99  | 100 | 100 |
| TOCUMEN         | PM | 100 | 99  | 100 | 97  | 96  | 96  | 99  | 97  | 97  | 94  | 97  | 100 |
|                 | PM | 100 | 99  | 100 | 100 | 100 | 98  | 99  | 100 | 99  | 99  | 100 | 100 |
| 1200Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| BELIZE INTL     | BZ | 78  | 74  | 85  | 85  | 79  | 76  | 83  | 85  | 78  | 69  | 70  | 71  |
|                 | CS | 84  | 83  | 86  | 84  | 85  | 87  | 80  | 85  | 95  | 98  | 88  | 85  |
| LIMON           | CS | 99  | 99  | 100 | 98  | 93  | 91  | 96  | 90  | 84  | 84  | 87  | 98  |
|                 | CS | 100 | 99  | 99  | 100 | 95  | 93  | 98  | 97  | 93  | 91  | 92  | 98  |
| NICCOYA         | CS | 100 | 100 | 100 | 97  | 98  | 96  | 100 | 98  | 96  | 95  | 98  | 99  |
|                 | CS | 100 | 100 | 100 | 97  | 98  | 96  | 100 | 98  | 96  | 95  | 98  | 99  |
| PUNTARENAS      | ES | 100 | 100 | 100 | 100 | 100 | 98  | 100 | 100 | 99  | 100 | 100 | 100 |
|                 | ES | 99  | 100 | 99  | 100 | 95  | 88  | 94  | 91  | 84  | 93  | 96  | 100 |
| SAN SALVADOR    | ES | 100 | 100 | 99  | 100 | 99  | 97  | 98  | 97  | 91  | 100 | 100 | 100 |
|                 | ES | 100 | 100 | 99  | 100 | 99  | 97  | 98  | 97  | 91  | 100 | 100 | 100 |
| SANTA ANA       | GU | 49  | 62  | 71  | 81  | 81  | 76  | 74  | 62  | 63  | 44  | 46  | 51  |
|                 | GU | 53  | 55  | 58  | 55  | 68  | 56  | 61  | 59  | 62  | 66  | 62  | 60  |
| GUATEMALA CITY  | GU | 69  | 75  | 83  | 82  | 80  | 70  | 71  | 62  | 60  | 58  | 62  | 67  |
|                 | GU | 58  | 77  | 83  | 86  | 84  | 83  | 80  | 73  | 69  | 40  | 45  | 72  |
| HUEHUETENANGO   | GU | 67  | 60  | 69  | 73  | 83  | 76  | 69  | 60  | 76  | 67  | 62  | 59  |
|                 | GU | 100 | 98  | 93  | 100 | 99  | 85  | 97  | 91  | 90  | 100 | 97  | 100 |
| POPTUN          | GU | 98  | 100 | 96  | 96  | 92  | 91  | 92  | 93  | 91  | 97  | 99  | 98  |
|                 | GU | 98  | 100 | 96  | 96  | 92  | 91  | 92  | 93  | 91  | 97  | 99  | 98  |
| PUERTO BARRIOS  | GU | 98  | 100 | 96  | 96  | 92  | 91  | 92  | 93  | 91  | 97  | 99  | 98  |
|                 | GU | 98  | 100 | 96  | 96  | 92  | 91  | 92  | 93  | 91  | 97  | 99  | 98  |
| RETALHULEU      | GU | 98  | 100 | 96  | 96  | 92  | 91  | 92  | 93  | 91  | 97  | 99  | 98  |
|                 | GU | 98  | 100 | 96  | 96  | 92  | 91  | 92  | 93  | 91  | 97  | 99  | 98  |
| SAN JOSE        | GU | 98  | 100 | 96  | 96  | 92  | 91  | 92  | 93  | 91  | 97  | 99  | 98  |
|                 | GU | 98  | 100 | 96  | 96  | 92  | 91  | 92  | 93  | 91  | 97  | 99  | 98  |

TABLE B-11, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |    |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| CATACAMAS           | HO  | 92  | 93  | 94  | 93  | 91  | 91  | 94  | 92  | 91  | 92  | 89  | 83 |
| CHOLUTECA           | HO  | 100 | 99  | 99  | 100 | 4   | 100 | 98  | 99  | 96  | 98  | 99  | 99 |
| ISLAS DEL CISNE     | HO  | 94  | 95  | 97  | 98  | 96  | 93  | 96  | 95  | 96  | 89  | 90  | 90 |
| SAN PEDRO SULA      | HO  | 81  | 88  | 95  | 93  | 96  | 94  | 93  | 95  | 95  | 90  | 87  | 80 |
| TEGUCIGALPA         | HO  | 59  | 77  | 77  | 79  | 80  | 57  | 63  | 56  | 58  | 57  | 49  | 53 |
| TELA                | HO  | 86  | 83  | 84  | 91  | 95  | 95  | 94  | 96  | 93  | 79  | 78  | 79 |
| BLUEFIELDS          | NK  | 89  | 83  | 83  | 82  | 78  | 79  | 79  | 75  | 85  | 91  | 86  | 89 |
| MANAGUA             | NK  | 98  | 98  | 97  | 98  | 95  | 88  | 92  | 90  | 89  | 90  | 97  | 97 |
| PUERTO CABEZAS      | NK  | 77  | 84  | 84  | 80  | 70  | 74  | 70  | 71  | 82  | 82  | 81  | 69 |
| RIVAS               | NK  | 98  | 97  | 100 | 96  | 97  | 85  | 88  | 81  | 89  | 85  | 90  | 89 |
| BOCAS DEL TORO INTL | PM  | 84  | 87  | 86  | 81  | 90  | 83  | 75  | 78  | 89  | 89  | 81  | 81 |
| CHANGUINOLA INTL    | PM  | 90  | 80  | 83  | 80  | 85  | 84  | 77  | 89  | 94  | 89  | 85  | 80 |
| DAVID               | PM  | 100 | 100 | 98  | 98  | 94  | 96  | 91  | 92  | 93  | 91  | 89  | 96 |
| FORT SHERMAN        | PM  | 87  | 91  | 91  | 78  | 78  | 68  | 67  | 62  | 84  | 84  | 66  | 75 |
| HOWARD AFB          | PM  | 100 | 100 | 99  | 98  | 99  | 98  | 98  | 99  | 99  | 100 | 99  | 99 |
| PANAMA CITY         | PM  | 100 | 100 | 99  | 97  | 91  | 90  | 97  | 92  | 95  | 95  | 97  | 98 |
| PORVENIR            | PM  | 100 | 100 | 98  | 96  | 97  | 92  | 92  | 96  | 95  | 96  | 92  | 98 |
| RIO HATO            | PM  | 100 | 100 | 100 | 99  | 99  | 95  | 99  | 99  | 97  | 98  | 100 | 99 |
| TOCUMEN             | PM  | 100 | 99  | 98  | 95  | 93  | 94  | 99  | 96  | 95  | 93  | 96  | 99 |

| 1800Z          |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL    | BZ | 72  | 69  | 72  | 73  | 75  | 66  | 76  | 73  | 68  | 61  | 72  | 68  |
| LIBERIA        | CS | 100 | 100 | 100 | 93  | 91  | 91  | 84  | 91  | 86  | 86  | 93  | 100 |
| LIMON          | CS | 89  | 88  | 92  | 86  | 95  | 96  | 92  | 92  | 96  | 94  | 91  | 90  |
| NICOYA         | CS | 100 | 98  | 99  | 97  | 90  | 90  | 93  | 90  | 84  | 83  | 88  | 97  |
| PUNTARENAS     | CS | 100 | 100 | 100 | 99  | 98  | 97  | 100 | 98  | 97  | 96  | 99  | 100 |
| SAN JOSE       | CS | 100 | 100 | 100 | 100 | 100 | 98  | 100 | 99  | 97  | 96  | 100 | 100 |
| ACAJUTLA       | ES | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 100 | 100 | 100 | 100 |
| SAN SALVADOR   | ES | 100 | 100 | 98  | 100 | 91  | 87  | 98  | 92  | 86  | 88  | 99  | 98  |
| SANTA ANA      | ES | 100 | 100 | 98  | 99  | 100 | 95  | 98  | 99  | 97  | 100 | 98  | 100 |
| FLORES         | GU | 64  | 66  | 74  | 78  | 83  | 66  | 68  | 71  | 68  | 68  | 61  | 65  |
| GUATEMALA CITY | GU | 73  | 70  | 79  | 72  | 75  | 51  | 59  | 50  | 55  | 53  | 71  | 72  |
| HUEHUETENANGO  | GU | 93  | 93  | 95  | 92  | 86  | 86  | 87  | 81  | 82  | 79  | 79  | 89  |
| POPTUN         | GU | 38  | 45  | 60  | 52  | 61  | 43  | 51  | 54  | 35  | 23  | 37  | 36  |
| PUERTO BARRIOS | GU | 73  | 72  | 78  | 80  | 89  | 77  | 75  | 82  | 93  | 83  | 81  | 79  |
| RETALHULEU     | GU | 93  | 86  | 83  | 80  | 89  | 87  | 84  | 86  | 77  | 83  | 92  | 98  |
| SAN JOSE       | GU | 100 | 99  | 99  | 99  | 94  | 93  | 96  | 96  | 91  | 92  | 100 | 100 |

TABLE B-11, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CATACAMAS           | HO  | 89  | 93  | 98  | 97  | 97  | 93  | 91  | 93  | 92  | 93  | 87  |
| CHOLUTECA           | HO  | 100 | 100 | 100 | 100 | 97  | 97  | 99  | 99  | 97  | 100 | 98  |
| GUANAJA             | HO  | 76  | 75  | 91  | 90  | 96  | 89  | 87  | 93  | 94  | 82  | 73  |
| ISLAS DEL CISNE     | HO  | 88  | 94  | 92  | 95  | 93  | 95  | 95  | 96  | 93  | 91  | 87  |
| LA CEIBA            | HO  | 80  | 91  | 95  | 93  | 98  | 91  | 95  | 98  | 94  | 87  | 83  |
| PUERTO LEMPIRA      | HO  | 79  | 80  | 80  | 83  | 78  | 75  | 77  | 75  | 83  | 87  | 76  |
| SAN PEDRO SULA      | HO  | 84  | 81  | 93  | 93  | 97  | 87  | 87  | 90  | 89  | 85  | 84  |
| TEGUCIGALPA         | HO  | 82  | 91  | 95  | 96  | 95  | 85  | 87  | 87  | 89  | 86  | 81  |
| TELA                | HO  | 83  | 85  | 88  | 89  | 96  | 87  | 90  | 96  | 95  | 87  | 77  |
| BLUEFIELDS          | NK  | 76  | 75  | 67  | 75  | 67  | 64  | 65  | 72  | 79  | 77  | 75  |
| CHINANDEGA          | NK  | 97  | 98  | 90  | 90  | 83  | 81  | 93  | 88  | 79  | 74  | 85  |
| JUIGALPA            | NK  | 53  | 53  | 53  | 56  | 54  | 31  | 39  | 40  | 32  | 34  | 33  |
| MANAGUA             | NK  | 90  | 95  | 86  | 89  | 80  | 74  | 78  | 81  | 76  | 88  | 91  |
| PUERTO CABEZAS      | NK  | 89  | 88  | 84  | 88  | 90  | 76  | 84  | 86  | 84  | 76  | 75  |
| RIVAS               | NK  | 99  | 99  | 99  | 100 | 97  | 91  | 88  | 89  | 91  | 90  | 93  |
| BOCAS DEL TORO INTL | PM  | 90  | 88  | 92  | 89  | 96  | 90  | 87  | 88  | 92  | 92  | 88  |
| CHANGUINOLA INTL    | PM  | 84  | 85  | 89  | 85  | 92  | 92  | 90  | 91  | 92  | 91  | 88  |
| DAVID               | PM  | 100 | 98  | 96  | 93  | 88  | 85  | 87  | 82  | 81  | 81  | 94  |
| FORT SHERMAN        | PM  | 92  | 92  | 92  | 84  | 77  | 58  | 69  | 73  | 83  | 79  | 75  |
| HOWARD AFB          | PM  | 100 | 100 | 99  | 98  | 96  | 98  | 99  | 98  | 98  | 98  | 95  |
| JAUQUE              | PM  | 100 | 100 | 108 | 95  | 94  | 93  | 89  | 91  | 88  | 82  | 84  |
| LA PALMA            | PM  | 100 | 99  | 100 | 98  | 99  | 97  | 98  | 98  | 98  | 96  | 97  |
| PANAMA CITY         | PM  | 100 | 98  | 99  | 96  | 96  | 97  | 98  | 94  | 97  | 95  | 97  |
| PORVENIR            | PM  | 100 | 100 | 100 | 98  | 98  | 99  | 100 | 99  | 98  | 98  | 98  |
| RIO HATO            | PM  | 99  | 100 | 100 | 97  | 95  | 94  | 97  | 97  | 96  | 96  | 97  |
| SANTIAGO            | PM  | 99  | 99  | 100 | 97  | 97  | 98  | 100 | 98  | 97  | 97  | 99  |
| TOCUMEN             | PM  | 100 | 96  | 98  | 95  | 90  | 94  | 94  | 91  | 91  | 86  | 89  |

TABLE B-12 Ceilings > 1,500 ft: Percent Frequency of Occurrence, Selected Times

| 0000Z               |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL         | BZ | 98  | 99  | 96  | 97  | 100 | 97  | 99  | 99  | 99  | 98  | 97  | 94  |
| LIBERIA             | CS | 100 | 100 | 100 | 100 | 99  | 97  | 99  | 99  | 100 | 97  | 98  | 100 |
| LIMON               | CS | 98  | 98  | 100 | 98  | 100 | 100 | 99  | 99  | 99  | 100 | 98  | 99  |
| NICOYA              | CS | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 99  | 97  | 97  | 98  | 100 |
| PUNTARENAS          | CS | 100 | 100 | 100 | 100 | 98  | 96  | 98  | 99  | 97  | 98  | 98  | 100 |
| SAN JOSE            | CS | 99  | 99  | 100 | 98  | 93  | 86  | 93  | 87  | 84  | 78  | 84  | 94  |
| ACAJUTLA            | ES | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 |
| SAN SALVADOR        | ES | 100 | 100 | 100 | 99  | 97  | 98  | 100 | 100 | 98  | 100 | 100 | 100 |
| SANTA ANA           | ES | 100 | 100 | 100 | 99  | 99  | 96  | 100 | 100 | 99  | 100 | 100 | 100 |
| FLORES              | GU | 91  | 96  | 96  | 99  | 100 | 100 | 99  | 100 | 97  | 94  | 95  | 90  |
| GUATEMALA CITY      | GU | 100 | 99  | 97  | 97  | 94  | 91  | 98  | 91  | 82  | 92  | 98  | 97  |
| HUEHUETENANGO       | GU | 99  | 100 | 99  | 100 | 98  | 98  | 99  | 100 | 98  | 99  | 97  | 99  |
| POPTUN              | GU | 92  | 95  | 100 | 97  | 95  | 99  | 96  | 100 | 91  | 85  | 84  | 94  |
| PUERTO BARRIOS      | GU | 94  | 94  | 97  | 97  | 98  | 95  | 96  | 96  | 98  | 96  | 96  | 93  |
| RETALHULEU          | GU | 100 | 100 | 100 | 97  | 99  | 95  | 95  | 96  | 95  | 93  | 100 | 100 |
| SAN JOSE            | GU | 100 | 100 | 100 | 100 | 100 | 96  | 99  | 99  | 97  | 97  | 99  | 100 |
| CATACAMAS           | HO | 99  | 100 | 100 | 99  | 99  | 99  | 99  | 100 | 100 | 99  | 99  | 100 |
| CHOLUTECA           | HO | 100 | 100 | 100 | 100 | 100 | 98  | 99  | 100 | 99  | 98  | 99  | 100 |
| GUANAJA             | HO | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 98  | 100 | 100 |
| ISLAS DEL CISNE     | HO | 98  | 98  | 98  | 99  | 99  | 96  | 97  | 98  | 93  | 95  | 98  | 96  |
| LA CEIBA            | HO | 97  | 95  | 97  | 97  | 99  | 97  | 99  | 100 | 100 | 96  | 98  | 96  |
| PUERTO LEMPIRA      | HO | 98  | 98  | 99  | 99  | 100 | 100 | 96  | 98  | 99  | 98  | 97  | 99  |
| SAN PEDRO SULA      | HO | 98  | 99  | 99  | 98  | 99  | 99  | 98  | 100 | 98  | 100 | 98  | 99  |
| TEGUCIGALPA         | HO | 100 | 100 | 100 | 99  | 100 | 98  | 100 | 100 | 98  | 99  | 100 | 99  |
| TELA                | HO | 98  | 95  | 97  | 98  | 100 | 98  | 99  | 100 | 99  | 97  | 97  | 95  |
| BLUEFIELDS          | NK | 95  | 97  | 96  | 97  | 96  | 90  | 92  | 95  | 96  | 96  | 95  | 97  |
| CHINANDEGA          | NK | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| JUIGALPA            | NK | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 100 | 100 | 93  |
| MANAGUA             | NK | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 100 | 99  | 100 |
| PUERTO CABEZAS      | NK | 99  | 98  | 99  | 99  | 96  | 91  | 95  | 96  | 99  | 95  | 96  | 97  |
| RIVAS               | NK | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 99  | 98  | 100 | 99  | 100 |
| BOCAS DEL TORO INTL | PH | 100 | 97  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 98  | 100 |
| CHANGUINOLA INTL    | PH | 97  | 98  | 100 | 99  | 99  | 98  | 99  | 99  | 99  | 99  | 98  | 98  |
| DAVID               | PH | 100 | 99  | 100 | 98  | 92  | 90  | 94  | 94  | 87  | 90  | 89  | 96  |
| HOWARD AFB          | PH | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 100 | 100 | 100 | 100 | 100 |
| LA PALMA            | PH | 100 | 100 | 99  | 100 | 99  | 99  | 99  | 100 | 100 | 98  | 98  | 100 |
| PANAMA CITY         | PH | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 100 |
| PORVENIR            | PH | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 |
| RIO HATO            | PH | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 100 | 99  | 99  | 100 |
| SANTIAGO            | PH | 100 | 100 | 100 | 100 | 98  | 98  | 99  | 99  | 100 | 99  | 99  | 100 |
| TOCUMEN             | PH | 100 | 100 | 100 | 100 | 98  | 97  | 98  | 99  | 97  | 95  | 97  | 100 |

TABLE B-12, Cont'd

| 0600Z          |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL    | BZ | 94  | 93  | 93  | 92  | 96  | 95  | 99  | 99  | 93  | 87  | 91  | 87  |
|                | CS | 98  | 100 | 99  | 98  | 91  | 94  | 95  | 94  | 95  | 86  | 94  | 99  |
| ACAJUTLA       | ES | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                | ES | 99  | 100 | 100 | 99  | 99  | 97  | 97  | 98  | 95  | 97  | 100 | 100 |
| GUATEMALA CITY | GU | 74  | 80  | 79  | 81  | 77  | 60  | 65  | 60  | 56  | 66  | 63  | 70  |
|                | GU | 100 | 100 | 100 | 98  | 99  | 96  | 100 | 96  | 96  | 97  | 98  | 100 |
|                | GU | 100 | 97  | 97  | 98  | 100 | 97  | 98  | 98  | 99  | 93  | 95  | 93  |
|                | GU | 100 | 100 | 100 | 100 | 100 | 97  | 97  | 100 | 98  | 99  | 100 | 100 |
| CATACAMAS      | HO | 97  | 99  | 100 | 100 | 98  | 98  | 100 | 96  | 96  | 95  | 96  | 98  |
|                | HO | 100 | 100 | 100 | 100 | 100 | 97  | 100 | 100 | 96  | 98  | 100 | 100 |
|                | HO | 99  | 99  | 99  | 100 | 100 | 98  | 99  | 100 | 96  | 97  | 99  | 99  |
|                | HO | 99  | 89  | 99  | 100 | 100 | 98  | 98  | 99  | 99  | 100 | 98  | 100 |
|                | HO | 100 | 100 | 99  | 99  | 99  | 98  | 99  | 100 | 100 | 99  | 98  | 99  |
|                | HO | 99  | 94  | 97  | 100 | 100 | 99  | 99  | 100 | 100 | 96  | 97  | 97  |
| MANAGUA        | NK | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 |
| HOWARD AFB     | PH | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                | PH | 100 | 100 | 100 | 100 | 99  | 98  | 100 | 98  | 99  | 99  | 100 | 100 |
|                | PH | 100 | 100 | 100 | 100 | 99  | 98  | 100 | 98  | 99  | 99  | 100 | 100 |

| 1200Z          |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL    | BZ | 87  | 88  | 94  | 94  | 97  | 87  | 95  | 96  | 86  | 80  | 79  | 83  |
|                | CS | 99  | 99  | 100 | 99  | 100 | 99  | 100 | 99  | 100 | 99  | 99  | 98  |
| LIMON          | CS | 100 | 100 | 100 | 100 | 97  | 97  | 97  | 96  | 87  | 91  | 92  | 99  |
|                | CS | 100 | 100 | 100 | 100 | 98  | 100 | 99  | 99  | 98  | 98  | 98  | 100 |
| PUNTARENAS     | CS | 100 | 100 | 100 | 99  | 93  | 98  | 100 | 99  | 98  | 96  | 99  | 100 |
|                | CS | 100 | 100 | 100 | 99  | 93  | 98  | 100 | 99  | 98  | 96  | 99  | 100 |
| ACAJUTLA       | ES | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 |
|                | ES | 99  | 100 | 99  | 100 | 97  | 93  | 94  | 91  | 90  | 95  | 97  | 100 |
|                | ES | 100 | 100 | 99  | 100 | 100 | 98  | 100 | 96  | 92  | 100 | 100 | 100 |
| SANTA ANA      | GU | 52  | 66  | 76  | 85  | 87  | 81  | 78  | 66  | 68  | 49  | 53  | 52  |
|                | GU | 67  | 68  | 61  | 69  | 79  | 72  | 72  | 69  | 74  | 75  | 74  | 73  |
| FLORES         | GU | 84  | 89  | 97  | 92  | 91  | 87  | 86  | 81  | 75  | 76  | 75  | 79  |
|                | GU | 67  | 81  | 87  | 86  | 91  | 87  | 80  | 70  | 42  | 47  | 79  | 79  |
| POPTUN         | GU | 90  | 91  | 90  | 94  | 97  | 96  | 93  | 90  | 95  | 93  | 88  | 88  |
|                | GU | 100 | 100 | 100 | 100 | 100 | 95  | 99  | 99  | 96  | 100 | 98  | 100 |
| PUERTO BARRIOS | GU | 99  | 100 | 98  | 100 | 99  | 97  | 99  | 100 | 99  | 100 | 100 | 99  |
|                | GU | 99  | 100 | 98  | 100 | 99  | 97  | 99  | 100 | 99  | 100 | 100 | 99  |
| RETALHULEU     | GU | 99  | 100 | 98  | 100 | 99  | 97  | 99  | 100 | 99  | 100 | 100 | 99  |
|                | GU | 99  | 100 | 98  | 100 | 99  | 97  | 99  | 100 | 99  | 100 | 100 | 99  |

TABLE B-12, Cont'd

|                                                                                                                                  |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|----------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CATACAMAS<br>CHOLUTECA<br>ISLAS DEL CISNE<br>SAN PEDRO SULA<br>TEGUCIGALPA<br>TELA                                               | HO | 98  | 98  | 100 | 99  | 97  | 98  | 98  | 98  | 95  | 98  | 96  | 96  |
|                                                                                                                                  | HO | 100 | 100 | 100 | 100 | 98  | 100 | 100 | 100 | 97  | 99  | 100 | 100 |
|                                                                                                                                  | HO | 98  | 98  | 99  | 99  | 97  | 96  | 97  | 97  | 99  | 94  | 97  | 95  |
|                                                                                                                                  | HO | 93  | 99  | 99  | 99  | 100 | 98  | 99  | 98  | 100 | 97  | 95  | 97  |
|                                                                                                                                  | HC | 98  | 97  | 99  | 99  | 100 | 98  | 95  | 98  | 96  | 96  | 94  | 94  |
|                                                                                                                                  | HO | 98  | 96  | 99  | 100 | 100 | 99  | 98  | 100 | 99  | 97  | 98  | 95  |
| BLUEFIELDS<br>MANAGUA<br>PUERTO CABEZAS<br>RIVAS                                                                                 | NK | 89  | 97  | 93  | 96  | 91  | 90  | 92  | 86  | 90  | 96  | 89  | 92  |
|                                                                                                                                  | NK | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 |
|                                                                                                                                  | NK | 92  | 95  | 96  | 95  | 96  | 92  | 91  | 96  | 99  | 95  | 93  | 99  |
|                                                                                                                                  | NK | 100 | 100 | 100 | 100 | 100 | 100 | 98  | 98  | 100 | 99  | 100 | 99  |
| ROCAS DEL TORO INTL<br>CHANGUINOLA INTL<br>DAVID<br>FORT SHERMAN<br>HOWARD AFB<br>PANAMA CITY<br>PORVENIR<br>RIO HATO<br>TOCUMEN | PM | 99  | 100 | 99  | 100 | 98  | 98  | 97  | 99  | 100 | 99  | 99  | 98  |
|                                                                                                                                  | PM | 99  | 100 | 96  | 96  | 100 | 99  | 99  | 100 | 100 | 99  | 97  | 97  |
|                                                                                                                                  | PM | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 97  | 96  | 97  | 93  | 98  |
|                                                                                                                                  | PM | 89  | 92  | 93  | 84  | 86  | 71  | 72  | 64  | 85  | 86  | 77  | 86  |
|                                                                                                                                  | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                                                                                                                                  | PM | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 99  | 99  | 99  | 99  | 100 |
|                                                                                                                                  | PM | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 100 | 98  | 100 |
|                                                                                                                                  | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                                                                                                                                  | PM | 100 | 100 | 100 | 99  | 98  | 98  | 100 | 99  | 99  | 98  | 99  | 100 |

| 1800Z          |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL    | BZ | 99  | 94  | 100 | 97  | 99  | 93  | 99  | 98  | 97  | 93  | 95  | 89  |
| LIBERIA        | CS | 100 | 100 | 100 | 100 | 100 | 98  | 99  | 99  | 99  | 99  | 99  | 100 |
| LIMON          | CS | 99  | 99  | 100 | 98  | 100 | 100 | 99  | 99  | 100 | 99  | 100 | 100 |
| NICOYA         | CS | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 98  | 99  | 99  |
| PUNTARENAS     | CS | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 |
| SAN JOSE       | CS | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 99  | 100 | 100 | 100 |
| ACAJUTLA       | ES | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| SAN SALVADOR   | ES | 100 | 100 | 100 | 100 | 98  | 97  | 100 | 98  | 97  | 99  | 100 | 100 |
| SANTA ANA      | ES | 100 | 100 | 99  | 99  | 100 | 97  | 100 | 100 | 98  | 100 | 100 | 100 |
| FLORES         | GU | 87  | 86  | 97  | 98  | 99  | 99  | 99  | 100 | 97  | 93  | 92  | 87  |
| GUATEMALA CITY | GU | 99  | 99  | 99  | 100 | 99  | 97  | 98  | 97  | 96  | 99  | 100 | 99  |
| HUEHUETENANGO  | GU | 99  | 100 | 99  | 100 | 99  | 100 | 99  | 99  | 99  | 97  | 95  | 98  |
| POPTUN         | GU | 90  | 98  | 96  | 91  | 99  | 92  | 88  | 97  | 88  | 74  | 89  | 89  |
| PUERTO BARRIOS | GU | 94  | 94  | 98  | 100 | 99  | 97  | 99  | 99  | 99  | 95  | 97  | 95  |
| RETALHULEU     | GU | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 98  | 95  | 100 | 100 |
| SAN JOSE       | GU | 100 | 100 | 100 | 100 | 100 | 98  | 100 | 100 | 99  | 99  | 100 | 100 |

TABLE B-12, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CATACAMAS           | HO  | 98  | 98  | 100 | 99  | 97  | 98  | 98  | 95  | 98  | 96  | 96  |
| CATACAMAS           | HO  | 100 | 99  | 100 | 100 | 99  | 100 | 99  | 100 | 99  | 99  | 100 |
| CHOLUTECA           | HO  | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 98  | 100 | 100 | 100 |
| GUANAJA             | HO  | 100 | 97  | 100 | 100 | 98  | 100 | 100 | 100 | 98  | 100 | 100 |
| ISLAS DEL CISNE     | HO  | 98  | 99  | 98  | 99  | 99  | 97  | 99  | 99  | 97  | 94  | 98  |
| LA CEIRA            | HO  | 96  | 98  | 100 | 95  | 100 | 100 | 100 | 98  | 97  | 94  | 97  |
| PUERTO LEMPIRA      | HO  | 96  | 98  | 100 | 98  | 99  | 99  | 97  | 98  | 100 | 97  | 99  |
| SAN PEDRO SULA      | HO  | 99  | 99  | 100 | 98  | 100 | 100 | 100 | 99  | 99  | 99  | 99  |
| TEGUCIGALPA         | HO  | 99  | 100 | 100 | 100 | 100 | 99  | 100 | 98  | 100 | 100 | 99  |
| TELA                | HO  | 96  | 95  | 98  | 99  | 99  | 100 | 100 | 100 | 98  | 96  | 95  |
| BLUEFIELDS          | NK  | 92  | 96  | 91  | 98  | 92  | 83  | 81  | 83  | 85  | 91  | 87  |
| CHINANDEGA          | NK  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| JUIGALPA            | NK  | 99  | 100 | 100 | 100 | 98  | 100 | 99  | 100 | 100 | 100 | 100 |
| MANAGUA             | NK  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PUERTO CABEZAS      | NK  | 99  | 100 | 98  | 99  | 100 | 94  | 98  | 99  | 98  | 97  | 95  |
| RIVAS               | NK  | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 100 |
| BOCAS DEL TORO INTL | PH  | 100 | 100 | 100 | 99  | 100 | 98  | 99  | 99  | 100 | 99  | 98  |
| CHANGUINOLA INTL    | PH  | 98  | 99  | 99  | 99  | 99  | 99  | 100 | 99  | 100 | 99  | 96  |
| DAVID               | PH  | 100 | 100 | 100 | 99  | 99  | 99  | 96  | 95  | 95  | 94  | 100 |
| FORT SHERMAN        | PH  | 97  | 98  | 96  | 93  | 87  | 72  | 76  | 82  | 89  | 84  | 81  |
| HOWARD AFB          | PH  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 99  |
| JAUQUE              | PH  | 100 | 100 | 100 | 100 | 99  | 99  | 96  | 99  | 98  | 97  | 99  |
| LA PALMA            | PH  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 |
| PANAMA CITY         | PH  | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 99  | 99  | 99  | 100 |
| PORVENIR            | PH  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| RIO HATO            | PH  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| SANTIAGO            | PH  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 |
| TOCUMEN             | PH  | 100 | 100 | 100 | 98  | 99  | 96  | 99  | 98  | 96  | 97  | 98  |

TABLE B-13 Ceilings > 1,000 ft: Percent Frequency of Occurrence, Selected Times

| 0000Z               |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL         | BZ | 99  | 99  | 99  | 99  | 100 | 99  | 100 | 100 | 100 | 99  | 99  | 95  |
| LIBERIA             | CS | 100 | 100 | 100 | 100 | 99  | 97  | 100 | 100 | 100 | 100 | 99  | 100 |
| LIMON               | CS | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| NICOYA              | CS | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 |
| PUNTARENAS          | CS | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 |
| SAN JOSE            | CS | 100 | 100 | 100 | 99  | 94  | 88  | 95  | 92  | 90  | 82  | 86  | 96  |
| ACAJUTLA            | ES | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 |
| SAN SALVADOR        | ES | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 99  | 100 | 100 | 100 |
| SANTA ANA           | ES | 100 | 100 | 100 | 99  | 99  | 97  | 100 | 100 | 99  | 100 | 100 | 100 |
| FLORES              | GU | 97  | 98  | 97  | 99  | 100 | 100 | 99  | 100 | 98  | 97  | 98  | 93  |
| GUATEMALA CITY      | GU | 100 | 100 | 100 | 99  | 98  | 95  | 100 | 96  | 91  | 98  | 100 | 100 |
| HUEHUETENANGO       | GU | 100 | 100 | 99  | 100 | 99  | 99  | 100 | 99  | 100 | 99  | 100 | 100 |
| POPTUN              | GU | 95  | 98  | 100 | 97  | 97  | 100 | 99  | 100 | 97  | 92  | 92  | 98  |
| PUERTO BARRIOS      | GU | 98  | 99  | 100 | 99  | 99  | 99  | 100 | 100 | 99  | 99  | 99  | 99  |
| RETALHULEU          | GU | 100 | 100 | 100 | 98  | 99  | 99  | 100 | 100 | 99  | 98  | 100 | 100 |
| SAN JOSE            | GU | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| CATACAMAS           | HO | 99  | 100 | 100 | 99  | 99  | 100 | 100 | 100 | 100 | 99  | 99  | 100 |
| CHOLUTECA           | HO | 100 | 100 | 100 | 100 | 100 | 98  | 100 | 100 | 100 | 99  | 99  | 100 |
| GUANAJA             | HO | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| ISLAS DEL CISNE     | HO | 100 | 99  | 100 | 100 | 99  | 99  | 100 | 99  | 99  | 99  | 100 | 99  |
| LA CEIBA            | HO | 99  | 97  | 99  | 99  | 100 | 98  | 99  | 100 | 100 | 99  | 98  | 98  |
| PUERTO LEMPIRA      | HO | 99  | 99  | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 100 | 99  |
| SAN PEDRO SULA      | HO | 98  | 99  | 99  | 98  | 99  | 99  | 98  | 100 | 99  | 100 | 98  | 99  |
| TEGUCIGALPA         | HO | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 99  |
| TELA                | HO | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 100 |
| BLUEFIELDS          | NK | 99  | 99  | 99  | 99  | 99  | 97  | 97  | 98  | 98  | 99  | 98  | 100 |
| CHINANDEGA          | NK | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| JUIGALPA            | NK | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 98  | 100 | 100 | 98  |
| MANAGUA             | NK | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 99  | 100 | 99  | 100 |
| PUERTO CABEZAS      | NK | 99  | 99  | 100 | 99  | 99  | 95  | 98  | 98  | 99  | 97  | 97  | 98  |
| RIVAS               | NK | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 |
| BOCAS DEL TORO INTL | PH | 100 | 99  | 100 | 100 | 99  | 99  | 100 | 100 | 99  | 100 | 100 | 100 |
| CHANGUINOLA INTL    | PH | 99  | 99  | 100 | 100 | 99  | 99  | 100 | 100 | 99  | 100 | 100 | 99  |
| DAVIO               | PH | 100 | 100 | 100 | 99  | 95  | 94  | 99  | 97  | 94  | 95  | 99  | 100 |
| HOWARD AFB          | PH | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 |
| LA PALMA            | PH | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 99  | 100 | 100 | 100 |
| PANAMA CITY         | PH | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PORVENIR            | PH | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| RIO HATO            | PH | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 99  | 100 | 100 |
| SANTIAGO            | PH | 100 | 100 | 100 | 100 | 100 | 98  | 99  | 99  | 100 | 100 | 95  | 100 |
| TOCUMEN             | PH | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 80  | 100 |

TABLE B-13, Cont'd

| 0600Z                                                                              |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL                                                                        | BZ | 97  | 98  | 95  | 100 | 98  | 97  | 100 | 99  | 100 | 94  | 95  | 90  |
|                                                                                    | CS | 99  | 100 | 100 | 99  | 95  | 94  | 96  | 94  | 96  | 89  | 96  | 99  |
| ACAJUTLA<br>SAN SALVADOR                                                           | ES | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                                                                                    | ES | 100 | 100 | 100 | 100 | 99  | 97  | 97  | 99  | 97  | 97  | 100 | 100 |
| GUATEMALA CITY<br>HUEHUETENANGO<br>PUERTO BARRIOS<br>SAN JOSE                      | GU | 81  | 91  | 92  | 90  | 86  | 76  | 82  | 79  | 76  | 79  | 82  | 80  |
|                                                                                    | GU | 100 | 100 | 100 | 98  | 99  | 100 | 100 | 97  | 100 | 100 | 100 | 100 |
|                                                                                    | GU | 100 | 99  | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 99  | 98  | 99  |
|                                                                                    | GU | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| CATACAMAS<br>CHOLUTECA<br>ISLAS DEL CISNE<br>SAN PEDRO SULA<br>TEGUCIGALPA<br>TELA | HO | 97  | 100 | 100 | 100 | 99  | 99  | 100 | 96  | 96  | 96  | 97  | 98  |
|                                                                                    | HO | 100 | 100 | 100 | 100 | 100 | 97  | 100 | 100 | 99  | 99  | 100 | 100 |
|                                                                                    | HO | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 |
|                                                                                    | HO | 99  | 100 | 100 | 100 | 100 | 98  | 99  | 99  | 100 | 100 | 98  | 100 |
|                                                                                    | HO | 100 | 100 | 99  | 99  | 100 | 98  | 100 | 100 | 100 | 99  | 99  | 100 |
|                                                                                    | HO | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 98  | 100 |
| MANAGUA                                                                            | NK | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                                                                                    | PH | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| HOWARD AFB<br>TOCUMEN                                                              | PH | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                                                                                    | PH | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

| 1200Z                                                                                           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------------------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL                                                                                     | BZ | 89  | 93  | 97  | 98  | 98  | 95  | 97  | 99  | 94  | 84  | 82  | 85  |
|                                                                                                 | CS | 100 | 99  | 100 | 99  | 100 | 99  | 100 | 99  | 100 | 100 | 99  | 99  |
| LIMON<br>MICOYA<br>PUNTARENAS<br>SAN JOSE                                                       | CS | 100 | 100 | 100 | 100 | 97  | 98  | 98  | 97  | 90  | 92  | 94  | 99  |
|                                                                                                 | CS | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                                                                                                 | CS | 100 | 100 | 100 | 99  | 99  | 99  | 100 | 99  | 99  | 97  | 99  | 100 |
| ACAJUTLA<br>SAN SALVADOR<br>SANTA ANA                                                           | ES | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 |
|                                                                                                 | ES | 100 | 100 | 99  | 100 | 97  | 96  | 94  | 92  | 92  | 95  | 97  | 100 |
|                                                                                                 | ES | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 98  | 100 | 100 | 100 |
| FLORES<br>GUATEMALA CITY<br>HUEHUETENANGO<br>POPTUH<br>PUERTO BARRIOS<br>RETALHULEU<br>SAN JOSE | GU | 56  | 75  | 79  | 87  | 91  | 83  | 81  | 70  | 72  | 54  | 58  | 53  |
|                                                                                                 | GU | 79  | 79  | 76  | 82  | 86  | 82  | 84  | 81  | 81  | 86  | 83  | 80  |
|                                                                                                 | GU | 89  | 96  | 98  | 96  | 93  | 96  | 92  | 95  | 90  | 90  | 90  | 88  |
|                                                                                                 | GU | 83  | 85  | 98  | 95  | 92  | 93  | 88  | 88  | 72  | 52  | 69  | 82  |
|                                                                                                 | GU | 99  | 99  | 100 | 99  | 99  | 100 | 100 | 98  | 100 | 98  | 98  | 96  |
|                                                                                                 | GU | 100 | 100 | 100 | 100 | 100 | 97  | 99  | 99  | 100 | 100 | 100 | 100 |
| SAN JOSE                                                                                        | GU | 99  | 100 | 98  | 100 | 99  | 99  | 100 | 100 | 100 | 100 | 100 | 99  |
|                                                                                                 | GU | 99  | 100 | 98  | 100 | 99  | 99  | 100 | 100 | 100 | 100 | 100 | 99  |

TABLE B-13, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CATACAMAS           | HQ  | 98  | 98  | 100 | 99  | 98  | 98  | 99  | 98  | 95  | 99  | 99  |
| CHOLUTEC            | HQ  | 100 | 100 | 100 | 100 | 98  | 100 | 100 | 100 | 97  | 99  | 100 |
| ISLAS DEL AISNE     | HQ  | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 |
| SAN PEDRO SULA      | HQ  | 96  | 99  | 99  | 99  | 100 | 98  | 99  | 98  | 100 | 97  | 95  |
| TEGUCIGALPA         | HQ  | 99  | 98  | 100 | 99  | 100 | 99  | 98  | 96  | 97  | 94  | 95  |
| TELA                | HQ  | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 99  |
| BLUEFIELDS          | NK  | 94  | 100 | 97  | 97  | 97  | 97  | 100 | 95  | 92  | 98  | 94  |
| MANAGUA             | NK  | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
| PUERTO CABEZAS      | NK  | 94  | 99  | 99  | 96  | 96  | 97  | 92  | 99  | 99  | 95  | 94  |
| RIVAS               | NK  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 99  | 100 |
| BOCAS DEL TORO INTL | PH  | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 99  | 100 | 100 | 99  |
| CHANGUINOLA INTL    | PH  | 100 | 100 | 100 | 99  | 100 | 99  | 100 | 100 | 100 | 99  | 98  |
| DAVID               | PH  | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 98  | 98  | 97  | 95  |
| FORT SHERMAN        | PH  | 95  | 99  | 99  | 97  | 99  | 90  | 93  | 92  | 98  | 97  | 96  |
| HOWARD AFB          | PH  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PANAMA CITY         | PH  | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 |
| PORVENIR            | PH  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
| RIO HATO            | PH  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| TOCUMEN             | PH  | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 99  | 99  |
| 1800Z               |     |     |     |     |     |     |     |     |     |     |     |     |
| BELIZE INTL         | BZ  | 99  | 98  | 100 | 99  | 100 | 98  | 99  | 99  | 99  | 98  | 99  |
| LIBERIA             | CS  | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 99  | 99  | 100 |
| LIMON               | CS  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| NICOYA              | CS  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PUNTARENAS          | CS  | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| SAN JOSE            | CS  | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 |
| ACAJUTLA            | ES  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| SAN SALVADOR        | ES  | 100 | 100 | 100 | 100 | 100 | 98  | 100 | 100 | 100 | 100 | 100 |
| SANTA ANA           | ES  | 100 | 100 | 99  | 99  | 100 | 97  | 100 | 100 | 100 | 100 | 100 |
| FLORES              | GU  | 97  | 94  | 98  | 99  | 99  | 100 | 99  | 100 | 98  | 96  | 97  |
| GUATEMALA CITY      | GU  | 100 | 99  | 100 | 100 | 100 | 99  | 100 | 100 | 98  | 100 | 100 |
| HUEHUETENANGO       | GU  | 99  | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 |
| POPTUN              | GU  | 93  | 98  | 100 | 96  | 99  | 99  | 100 | 96  | 95  | 98  | 98  |
| PUERTO BARRIOS      | GU  | 100 | 99  | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 99  | 99  |
| RETALHULEU          | GU  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 98  | 98  | 100 | 100 |
| SAN JOSE            | GU  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 |

TABLE B-13, CONT. a

|                     |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CATACAMAS           | HO | 100 | 99  | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 99  | 99  | 100 |
| CHOLUTECA           | HO | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 |
| GUANAJA             | HO | 100 | 98  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| ISLAS DEL CISNE     | HO | 100 | 100 | 100 | 99  | 99  | 99  | 100 | 100 | 100 | 100 | 99  | 100 |
| LA CEIBA            | HO | 98  | 98  | 100 | 98  | 100 | 100 | 100 | 100 | 99  | 99  | 97  | 97  |
| PUERTO LEMPIRA      | HO | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  |
| SAN PEDRO SULA      | HO | 100 | 99  | 100 | 98  | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  |
| TEGUCIGALPA         | HO | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 99  | 100 | 100 | 100 |
| TELA                | HO | 99  | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 98  |
| BLUEFIELDS          | NK | 99  | 99  | 98  | 100 | 98  | 95  | 95  | 97  | 95  | 97  | 99  | 99  |
| CHINANDEGA          | NK | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| JUIGALPA            | NK | 99  | 100 | 100 | 100 | 100 | 98  | 100 | 99  | 100 | 100 | 100 | 100 |
| MANAGUA             | NK | 100 | 100 | 00  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PUERTO CABEZAS      | NK | 99  | 100 | 99  | 99  | 100 | 98  | 99  | 100 | 99  | 98  | 99  | 99  |
| RIVAS               | NK | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 |
| BOCAS DEL TORO INTL | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| CHANGUINOLA INTL    | PM | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 99  |
| DAVID               | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 98  | 100 |
| FORT SHERMAN        | PM | 100 | 100 | 99  | 99  | 98  | 91  | 95  | 99  | 99  | 99  | 96  | 98  |
| HOWARD AFB          | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| JAUQUE              | PM | 100 | 100 | 100 | 100 | 99  | 98  | 98  | 99  | 98  | 100 | 99  | 100 |
| LA PALMA            | PM | 100 | 100 | 108 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PANAMA CITY         | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 |
| PORVENIR            | PM | 100 | 100 | 100 | 100 | 100 | 108 | 100 | 100 | 100 | 100 | 100 | 100 |
| RIO HATO            | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| SANTIAGO            | PM | 100 | 100 | 108 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| TOCUMEN             | PM | 100 | 100 | 100 | 100 | 100 | 98  | 100 | 100 | 99  | 100 | 100 | 100 |

TABLE B-14 Visibility > 3 miles: Percent Frequency of Occurrence, Selected Times

| 0000Z               |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL         | BZ | 98  | 99  | 98  | 100 | 95  | 97  | 99  | 99  | 100 | 99  | 99  | 98  |
| LIBERIA             | CS | 100 | 100 | 100 | 100 | 100 | 99  | 97  | 99  | 99  | 99  | 100 | 100 |
| LIMON               | CS | 94  | 98  | 98  | 97  | 98  | 99  | 98  | 97  | 97  | 98  | 94  | 94  |
| NICOYA              | CS | 100 | 100 | 100 | 98  | 99  | 98  | 99  | 98  | 96  | 95  | 98  | 100 |
| PUNTARENAS          | CS | 99  | 99  | 100 | 99  | 97  | 98  | 100 | 95  | 97  | 97  | 98  | 99  |
| SAN JOSE            | CS | 99  | 100 | 100 | 99  | 93  | 86  | 93  | 89  | 86  | 82  | 85  | 97  |
| ACAJUTLA            | ES | 100 | 99  | 100 | 99  | 96  | 99  | 100 | 99  | 98  | 99  | 100 | 100 |
| SAN SALVADOR        | ES | 100 | 100 | 100 | 99  | 98  | 96  | 97  | 98  | 96  | 98  | 99  | 100 |
| SANTA ANA           | ES | 99  | 100 | 100 | 99  | 99  | 97  | 100 | 100 | 100 | 100 | 98  | 100 |
| FLORES              | GU | 96  | 98  | 99  | 89  | 85  | 98  | 99  | 100 | 96  | 98  | 99  | 96  |
| GUATEMALA CITY      | GU | 100 | 99  | 97  | 73  | 77  | 94  | 97  | 92  | 88  | 92  | 99  | 99  |
| HUEHUETENANGO       | GU | 100 | 100 | 100 | 99  | 92  | 95  | 98  | 97  | 92  | 97  | 99  | 100 |
| POPTUN              | GU | 100 | 100 | 100 | 84  | 83  | 100 | 100 | 100 | 99  | 95  | 95  | 98  |
| PUERTO BARRIOS      | GU | 96  | 98  | 98  | 92  | 84  | 95  | 96  | 98  | 99  | 95  | 98  | 95  |
| RETALHULEU          | GU | 100 | 100 | 96  | 86  | 81  | 89  | 86  | 91  | 74  | 74  | 95  | 100 |
| SAN JOSE            | GU | 100 | 99  | 98  | 75  | 80  | 99  | 98  | 99  | 98  | 98  | 98  | 100 |
| CATACAMAS           | HO | 99  | 100 | 99  | 92  | 93  | 98  | 98  | 98  | 98  | 98  | 99  | 98  |
| CHOLUTECA           | HO | 100 | 100 | 99  | 94  | 87  | 93  | 97  | 97  | 96  | 96  | 100 | 100 |
| GUANAJA             | HO | 98  | 97  | 100 | 98  | 95  | 100 | 98  | 98  | 98  | 93  | 97  | 94  |
| ISLAS DEL CISNE     | HO | 100 | 100 | 100 | 98  | 100 | 99  | 100 | 100 | 99  | 99  | 99  | 99  |
| LA CEIBA            | HO | 93  | 95  | 97  | 92  | 92  | 92  | 98  | 97  | 97  | 90  | 92  | 87  |
| PUERTO LEMPIRA      | HO | 99  | 96  | 99  | 100 | 98  | 97  | 97  | 98  | 98  | 95  | 89  | 98  |
| SAN PEDRO SULA      | HO | 95  | 98  | 97  | 94  | 88  | 93  | 100 | 100 | 99  | 98  | 97  | 96  |
| TEGUCIGALPA         | HO | 100 | 100 | 99  | 85  | 88  | 92  | 97  | 95  | 96  | 95  | 97  | 98  |
| TELA                | HO | 97  | 94  | 97  | 92  | 85  | 93  | 99  | 99  | 98  | 92  | 91  | 93  |
| BLUEFIELDS          | NK | 99  | 98  | 99  | 98  | 99  | 92  | 99  | 96  | 98  | 95  | 96  | 97  |
| CHINANDEGA          | NK | 100 | 100 | 100 | 100 | 97  | 92  | 98  | 99  | 99  | 98  | 100 | 100 |
| JUIGALPA            | NK | 99  | 100 | 99  | 100 | 100 | 96  | 100 | 99  | 98  | 100 | 99  | 100 |
| MANAGUA             | NK | 100 | 100 | 100 | 98  | 99  | 98  | 99  | 97  | 96  | 98  | 100 | 100 |
| PUERTO CABEZAS      | NK | 97  | 97  | 98  | 98  | 96  | 94  | 97  | 95  | 97  | 93  | 90  | 96  |
| RIVAS               | NK | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 99  | 99  | 99  | 100 | 100 |
| BOCAS DEL TORO INTL | PM | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 99  |
| CHANGUINOLA INTL    | PM | 99  | 100 | 99  | 99  | 99  | 100 | 99  | 100 | 100 | 100 | 99  | 100 |
| DAVID               | PM | 100 | 100 | 100 | 98  | 97  | 96  | 97  | 97  | 95  | 96  | 95  | 100 |
| HOWARD AFB          | PM | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 99  | 100 | 100 |
| LA PALMA            | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
| PANAMA CITY         | PM | 100 | 100 | 100 | 100 | 99  | 108 | 100 | 108 | 100 | 100 | 100 | 100 |
| PORVENIR            | PM | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
| RIO HATO            | PM | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
| SANTIAGO            | PM | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 99  | 99  | 99  | 99  | 100 |
| TOCUMEN             | PM | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 100 | 98  | 100 | 100 |

TABLE B-14, Cont'd

| 0600Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 97  | 98  | 100 | 100 | 98  | 97  | 100 | 99  | 99  | 98  | 99  | 94  |
| SAN JOSE        | CS | 99  | 99  | 100 | 100 | 95  | 94  | 95  | 94  | 95  | 86  | 93  | 99  |
| ACAJUTLA        | ES | 99  | 99  | 99  | 96  | 92  | 95  | 97  | 96  | 99  | 99  | 99  | 100 |
| SAN SALVADOR    | ES | 100 | 100 | 100 | 98  | 98  | 96  | 95  | 96  | 93  | 94  | 99  | 100 |
| GUATEMALA CITY  | GU | 93  | 93  | 88  | 71  | 74  | 85  | 96  | 94  | 87  | 94  | 97  | 91  |
| HUEHUETENANGO   | GU | 100 | 98  | 100 | 98  | 96  | 100 | 99  | 99  | 90  | 97  | 98  | 100 |
| PUERTO BARRIOS  | GU | 99  | 96  | 99  | 92  | 97  | 93  | 97  | 95  | 98  | 96  | 98  | 95  |
| SAN JOSE        | GU | 97  | 97  | 100 | 84  | 86  | 96  | 100 | 100 | 99  | 100 | 98  | 96  |
| CATACAMAS       | HO | 96  | 100 | 100 | 96  | 88  | 94  | 93  | 93  | 94  | 93  | 97  | 96  |
| CHOLUTECA       | HO | 100 | 99  | 98  | 95  | 91  | 99  | 98  | 97  | 94  | 99  | 99  | 100 |
| ISLAS DEL CISNE | HO | 99  | 100 | 99  | 100 | 99  | 100 | 99  | 100 | 99  | 99  | 100 | 99  |
| SAN PEDRO SULA  | HO | 95  | 100 | 99  | 91  | 93  | 97  | 98  | 100 | 99  | 98  | 97  | 96  |
| TEGUCIGALPA     | HO | 99  | 100 | 99  | 90  | 93  | 99  | 100 | 99  | 97  | 98  | 97  | 99  |
| TELA            | HO | 95  | 94  | 96  | 93  | 87  | 93  | 100 | 96  | 98  | 91  | 95  | 95  |
| MANAGUA         | NK | 100 | 100 | 100 | 99  | 99  | 100 | 99  | 100 | 99  | 99  | 100 | 99  |
| HOWARD AFB      | PM | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 |
| TOCUMEN         | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

| 1200Z          |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL    | BZ | 87  | 93  | 97  | 96  | 97  | 95  | 93  | 95  | 96  | 88  | 90  | 97  |
| LIMON          | CS | 92  | 92  | 98  | 93  | 96  | 95  | 94  | 97  | 100 | 100 | 96  | 94  |
| NICOYA         | CS | 99  | 100 | 100 | 96  | 93  | 92  | 92  | 83  | 71  | 74  | 91  | 96  |
| PUNTARENAS     | CS | 100 | 100 | 100 | 100 | 99  | 100 | 98  | 99  | 100 | 100 | 100 | 100 |
| SAN JOSE       | CS | 100 | 99  | 100 | 99  | 98  | 98  | 99  | 97  | 97  | 95  | 99  | 100 |
| ACAJUTLA       | ES | 99  | 99  | 99  | 97  | 97  | 99  | 99  | 99  | 100 | 99  | 100 | 100 |
| SAN SALVADOR   | ES | 98  | 99  | 98  | 92  | 87  | 81  | 88  | 82  | 74  | 79  | 93  | 99  |
| SANTA ANA      | ES | 100 | 100 | 100 | 100 | 99  | 91  | 98  | 96  | 97  | 100 | 100 | 98  |
| FLORES         | GU | 76  | 92  | 87  | 82  | 76  | 93  | 86  | 88  | 92  | 88  | 85  | 80  |
| GUATEMALA CITY | GU | 88  | 87  | 79  | 62  | 63  | 85  | 95  | 87  | 88  | 93  | 92  | 85  |
| HUEHUETENANGO  | GU | 69  | 71  | 79  | 75  | 61  | 84  | 80  | 86  | 82  | 85  | 71  | 60  |
| POPTUN         | GU | 84  | 94  | 96  | 80  | 73  | 93  | 85  | 79  | 73  | 54  | 55  | 77  |
| PUERTO BARRIOS | GU | 94  | 96  | 96  | 87  | 80  | 96  | 97  | 99  | 99  | 96  | 93  | 89  |
| RETALHULEU     | GU | 100 | 98  | 93  | 55  | 67  | 97  | 100 | 99  | 100 | 98  | 98  | 100 |
| SAN JOSE       | GU | 86  | 92  | 83  | 55  | 58  | 97  | 98  | 98  | 97  | 98  | 93  | 86  |

TABLE B-14, Cont'd

|                     |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CATACAMAS           | HO | 94  | 98  | 99  | 97  | 91  | 93  | 97  | 94  | 89  | 91  | 95  | 92  |
| CHOLUTECA           | HO | 100 | 100 | 100 | 89  | 81  | 98  | 97  | 97  | 94  | 94  | 99  | 99  |
| ISLAS DEL CISNE     | HO | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 |
| SAN PEDRO SULA      | HO | 95  | 99  | 95  | 92  | 89  | 95  | 98  | 99  | 99  | 96  | 96  | 94  |
| TEGUCIGALPA         | HO | 99  | 99  | 99  | 86  | 86  | 91  | 96  | 93  | 87  | 91  | 95  | 96  |
| TELA                | HO | 97  | 92  | 95  | 94  | 86  | 92  | 100 | 99  | 100 | 92  | 93  | 92  |
| BLUEFIELDS          | NK | 96  | 99  | 98  | 99  | 98  | 99  | 95  | 93  | 96  | 96  | 92  | 95  |
| MANAGUA             | NK | 100 | 99  | 100 | 99  | 98  | 99  | 99  | 98  | 98  | 99  | 99  | 100 |
| PUERTO CABEZAS      | NK | 91  | 95  | 97  | 96  | 91  | 91  | 94  | 91  | 94  | 89  | 89  | 91  |
| RIVAS               | NK | 100 | 100 | 99  | 99  | 100 | 98  | 99  | 99  | 99  | 99  | 100 | 100 |
| BOCAS DEL TORO INTL | PM | 100 | 99  | 100 | 100 | 100 | 99  | 97  | 99  | 99  | 99  | 99  | 100 |
| CHANGUINOLA INTL    | PM | 97  | 100 | 99  | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 98  |
| DAVID               | PM | 100 | 100 | 99  | 99  | 99  | 100 | 97  | 100 | 98  | 96  | 95  | 100 |
| FORT SHERMAN        | PM | 100 | 100 | 100 | 99  | 98  | 97  | 98  | 99  | 98  | 98  | 97  | 99  |
| HOWARD AFB          | PM | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 |
| PANAMA CITY         | PM | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 99  | 100 | 100 | 100 | 100 |
| PORVENIR            | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 98  | 100 |
| RIO HATO            | PM | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 |
| TOCUMEN             | PM | 100 | 100 | 99  | 99  | 100 | 98  | 99  | 99  | 100 | 99  | 99  | 100 |
| 1800Z               |    |     |     |     |     |     |     |     |     |     |     |     |     |
| BELIZE INTL         | BZ | 99  | 100 | 99  | 100 | 95  | 97  | 99  | 99  | 99  | 98  | 97  | 97  |
| LIBERIA             | CS | 100 | 100 | 100 | 100 | 100 | 98  | 100 | 99  | 100 | 99  | 100 | 100 |
| LIMON               | CS | 94  | 96  | 99  | 96  | 98  | 98  | 97  | 96  | 99  | 98  | 97  | 97  |
| NICOYA              | CS | 100 | 100 | 100 | 99  | 100 | 99  | 100 | 99  | 99  | 100 | 99  | 99  |
| PUNTARENAS          | CS | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 99  | 98  | 100 | 99  | 100 |
| SAN JOSE            | CS | 99  | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 99  | 99  | 100 |
| ACAJUTLA            | ES | 100 | 99  | 100 | 98  | 95  | 100 | 99  | 100 | 99  | 100 | 100 | 99  |
| SAN SALVADOR        | ES | 100 | 99  | 100 | 100 | 98  | 96  | 100 | 100 | 96  | 99  | 100 | 100 |
| SANTA ANA           | ES | 100 | 98  | 100 | 100 | 100 | 98  | 98  | 100 | 100 | 100 | 100 | 99  |
| FLORES              | GU | 99  | 99  | 99  | 93  | 86  | 99  | 99  | 100 | 98  | 99  | 99  | 97  |
| GUATEMALA CITY      | GU | 100 | 100 | 100 | 91  | 91  | 99  | 98  | 99  | 96  | 100 | 100 | 100 |
| HUEHUETENANGO       | GU | 100 | 100 | 100 | 98  | 95  | 100 | 100 | 99  | 100 | 98  | 99  | 98  |
| POPTUN              | GU | 98  | 100 | 100 | 91  | 91  | 99  | 100 | 97  | 94  | 97  | 100 | 100 |
| PUERTO BARRIOS      | GU | 95  | 96  | 98  | 97  | 93  | 98  | 99  | 100 | 98  | 96  | 98  | 98  |
| RETALHULEU          | GU | 98  | 100 | 98  | 88  | 94  | 99  | 100 | 99  | 96  | 96  | 97  | 100 |
| SAN JOSE            | GU | 100 | 100 | 98  | 74  | 76  | 98  | 99  | 100 | 97  | 100 | 100 | 100 |

TABLE B-14, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CATACAMAS           | HO  | 99  | 100 | 100 | 97  | 97  | 98  | 98  | 99  | 100 | 99  | 99  |
| CHOLUTECA           | HO  | 100 | 99  | 99  | 92  | 91  | 98  | 100 | 100 | 98  | 98  | 100 |
| GUANAJA             | HO  | 95  | 94  | 100 | 100 | 96  | 96  | 98  | 97  | 98  | 97  | 95  |
| ISLAS DEL CISNE     | HO  | 100 | 100 | 100 | 99  | 100 | 99  | 100 | 100 | 99  | 100 | 99  |
| LA CEIBA            | HO  | 92  | 96  | 98  | 91  | 88  | 94  | 100 | 99  | 99  | 96  | 92  |
| PUERTO LEMPIRA      | HO  | 97  | 96  | 99  | 97  | 94  | 99  | 97  | 97  | 97  | 93  | 95  |
| SAN PEDRO SULA      | HO  | 100 | 93  | 95  | 85  | 89  | 98  | 100 | 100 | 98  | 95  | 96  |
| TEGUCIGALPA         | HO  | 100 | 100 | 99  | 89  | 91  | 98  | 99  | 100 | 100 | 98  | 100 |
| TELA                | HO  | 92  | 92  | 97  | 93  | 78  | 95  | 99  | 100 | 99  | 93  | 94  |
| BLUEFIELDS          | NK  | 98  | 99  | 98  | 97  | 99  | 96  | 92  | 97  | 97  | 99  | 98  |
| CHINANDEGA          | NK  | 100 | 100 | 99  | 99  | 98  | 98  | 99  | 100 | 98  | 98  | 97  |
| JUIGALPA            | NK  | 100 | 100 | 100 | 99  | 100 | 99  | 99  | 100 | 100 | 100 | 99  |
| MANAGUA             | NK  | 100 | 100 | 100 | 98  | 100 | 99  | 98  | 98  | 100 | 98  | 100 |
| PUERTO CABEZAS      | NK  | 98  | 98  | 100 | 99  | 99  | 95  | 97  | 98  | 99  | 97  | 96  |
| RIVAS               | NK  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 100 | 100 | 99  | 100 |
| BOCAS DEL TORO INTL | PM  | 99  | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
| CHANGUINOLA INTL    | PM  | 99  | 100 | 100 | 99  | 100 | 99  | 100 | 100 | 99  | 99  | 100 |
| DAVID               | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
| FORT SHERMAN        | PM  | 100 | 100 | 100 | 98  | 99  | 99  | 98  | 100 | 99  | 100 | 98  |
| HOWARD AFB          | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 98  | 98  |
| JAUQUE              | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 99  | 100 |
| LA PALMA            | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PANAMA CITY         | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
| PORVENIR            | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
| RIO HATO            | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| SANTIAGO            | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| TOCUMEN             | PM  | 100 | 100 | 99  | 99  | 100 | 98  | 99  | 99  | 99  | 99  | 98  |

TABLE B-15 Visibility > 1 mile: Percent Frequency of Occurrence, Selected Times

| 0000Z               |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL         | BZ | 99  | 99  | 99  | 100 | 99  | 99  | 99  | 99  | 100 | 100 | 99  | 100 |
| LIBERIA             | CS | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 99  | 100 | 100 | 100 |
| LIMON               | CS | 100 | 99  | 100 | 100 | 98  | 100 | 100 | 99  | 100 | 100 | 99  | 99  |
| NICOYA              | CS | 100 | 100 | 100 | 98  | 100 | 99  | 100 | 100 | 99  | 97  | 100 | 100 |
| PUNTARENAS          | CS | 99  | 99  | 100 | 100 | 98  | 100 | 100 | 99  | 98  | 99  | 99  | 100 |
| SAN JOSE            | CS | 100 | 100 | 100 | 100 | 99  | 94  | 97  | 97  | 93  | 92  | 93  | 100 |
| ACAJUTLA            | ES | 100 | 99  | 100 | 100 | 100 | 99  | 100 | 99  | 99  | 99  | 100 | 100 |
| SAN SALVADOR        | ES | 100 | 100 | 100 | 100 | 100 | 99  | 98  | 100 | 99  | 100 | 100 | 100 |
| SANTA ANA           | ES | 99  | 100 | 100 | 99  | 99  | 99  | 100 | 100 | 100 | 100 | 98  | 100 |
| FLORES              | GU | 99  | 100 | 99  | 99  | 97  | 99  | 99  | 100 | 97  | 99  | 100 | 99  |
| GUATEMALA CITY      | GU | 100 | 100 | 100 | 98  | 98  | 98  | 100 | 98  | 95  | 99  | 100 | 100 |
| HUEHUETENANGO       | GU | 100 | 100 | 100 | 99  | 99  | 99  | 99  | 98  | 98  | 99  | 99  | 100 |
| POPTUN              | GU | 100 | 100 | 100 | 95  | 94  | 100 | 100 | 100 | 100 | 100 | 98  | 100 |
| PUERTO BARRIOS      | GU | 100 | 99  | 99  | 99  | 97  | 99  | 100 | 100 | 100 | 98  | 99  | 99  |
| RETALHULEU          | GU | 100 | 100 | 100 | 96  | 97  | 95  | 94  | 96  | 90  | 87  | 96  | 100 |
| SAN JOSE            | GU | 100 | 99  | 100 | 99  | 99  | 100 | 100 | 100 | 99  | 100 | 99  | 100 |
| CATACAMAS           | HO | 99  | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
| CHOLUTECA           | HO | 100 | 100 | 100 | 99  | 98  | 99  | 98  | 99  | 98  | 95  | 100 | 100 |
| GUANAJA             | HO | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 97  | 100 |
| ISLAS DEL CISNE     | HO | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  |
| LA CEIBA            | HO | 98  | 97  | 98  | 96  | 95  | 98  | 98  | 100 | 99  | 96  | 95  | 97  |
| PUERTO LEMPIRA      | HO | 99  | 99  | 100 | 100 | 100 | 99  | 99  | 100 | 99  | 100 | 97  | 100 |
| SAN PEDRO SULA      | HO | 99  | 99  | 100 | 100 | 99  | 98  | 100 | 100 | 100 | 100 | 99  | 100 |
| TEGUCIGALPA         | HO | 100 | 100 | 100 | 95  | 98  | 99  | 99  | 98  | 99  | 100 | 100 | 100 |
| TELA                | HO | 99  | 99  | 99  | 98  | 92  | 99  | 99  | 100 | 99  | 97  | 97  | 98  |
| BLUEFIELDS          | NK | 100 | 98  | 99  | 99  | 99  | 99  | 100 | 99  | 100 | 97  | 99  | 100 |
| CHINANDEGA          | NK | 100 | 100 | 100 | 100 | 99  | 98  | 100 | 100 | 99  | 99  | 100 | 100 |
| JUIGALPA            | NK | 99  | 100 | 99  | 100 | 100 | 98  | 100 | 100 | 99  | 100 | 99  | 100 |
| MANAGUA             | NK | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 99  | 98  | 98  | 100 | 100 |
| PUERTO CABEZAS      | NK | 100 | 99  | 100 | 99  | 100 | 99  | 100 | 100 | 99  | 99  | 100 | 100 |
| RIVAS               | NK | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| BOCAS DEL TORO INTL | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| CHANGUINOLA INTL    | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| DAVID               | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| HOWARD AFB          | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 |
| LA PALMA            | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PANAMA CITY         | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PORVENIR            | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| RIO HATO            | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| SANTIAGO            | PM | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 99  | 99  | 100 | 100 | 100 |
| TOCUMEN             | PM | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B-15, Cont'd

| 0600Z          |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL    | BZ | 100 | 100 | 100 | 100 | 100 | 98  | 100 | 99  | 99  | 98  | 99  | 99  |
|                | CS | 100 | 100 | 100 | 100 | 97  | 96  | 97  | 96  | 97  | 91  | 96  | 99  |
| ACAJUTLA       | ES | 100 | 99  | 100 | 99  | 98  | 99  | 99  | 100 | 100 | 99  | 100 | 100 |
|                | ES | 100 | 100 | 100 | 100 | 100 | 99  | 97  | 100 | 97  | 98  | 100 | 100 |
| GUATEMALA CITY | GU | 99  | 100 | 99  | 97  | 94  | 97  | 98  | 98  | 95  | 98  | 98  | 97  |
|                | GU | 100 | 100 | 100 | 98  | 96  | 100 | 100 | 100 | 99  | 100 | 99  | 100 |
|                | GU | 100 | 100 | 100 | 100 | 100 | 98  | 100 | 100 | 100 | 99  | 100 | 100 |
|                | GU | 97  | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  |
| CATACAMAS      | HO | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 100 | 98  | 100 | 100 |
|                | HO | 100 | 99  | 99  | 100 | 99  | 100 | 99  | 99  | 99  | 100 | 100 | 100 |
|                | HO | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 99  |
|                | HO | 99  | 100 | 99  | 99  | 99  | 100 | 99  | 100 | 100 | 100 | 99  | 99  |
|                | HO | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
|                | HO | 98  | 98  | 97  | 100 | 95  | 95  | 100 | 98  | 100 | 97  | 98  | 99  |
| MANAGUA        |    | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 99  | 100 | 100 | 99  |
| HOWARD AFB     | PH | 100 | 00  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                | PH | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1200Z          |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| BELIZE INTL    | BZ | 89  | 96  | 99  | 98  | 99  | 98  | 95  | 97  | 98  | 92  | 90  | 94  |
|                | CS | 100 | 99  | 100 | 97  | 99  | 98  | 98  | 99  | 100 | 100 | 99  | 98  |
| NICHOYA        | CS | 99  | 100 | 100 | 97  | 94  | 93  | 93  | 87  | 79  | 79  | 92  | 96  |
|                | CS | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 |
| PUNTARCNAS     | CS | 100 | 99  | 100 | 100 | 100 | 99  | 100 | 98  | 98  | 97  | 99  | 100 |
|                | CS | 100 | 99  | 100 | 100 | 100 | 99  | 100 | 98  | 98  | 97  | 99  | 100 |
| ACAJUTLA       | ES | 100 | 99  | 99  | 100 | 100 | 99  | 99  | 100 | 100 | 99  | 100 | 100 |
|                | ES | 98  | 99  | 99  | 97  | 93  | 88  | 90  | 87  | 81  | 86  | 95  | 99  |
| SANTA ANA      | ES | 100 | 100 | 100 | 100 | 100 | 98  | 98  | 98  | 100 | 100 | 100 | 98  |
|                | ES | 85  | 94  | 92  | 95  | 93  | 96  | 94  | 95  | 95  | 96  | 90  | 89  |
| FLORES         | GU | 91  | 91  | 88  | 88  | 85  | 92  | 99  | 94  | 89  | 98  | 96  | 90  |
|                | GU | 72  | 79  | 85  | 89  | 79  | 88  | 82  | 90  | 87  | 89  | 77  | 65  |
| HUEHUETENANGO  | GU | 90  | 94  | 100 | 89  | 83  | 89  | 87  | 83  | 73  | 71  | 87  | 87  |
|                | GU | 99  | 100 | 100 | 95  | 93  | 99  | 98  | 100 | 100 | 99  | 99  | 97  |
| PUERTO BARRIOS | GU | 100 | 98  | 100 | 82  | 95  | 98  | 100 | 99  | 100 | 98  | 98  | 100 |
|                | GU | 90  | 95  | 91  | 83  | 87  | 99  | 99  | 99  | 99  | 99  | 94  | 90  |
| RETALHULEU     | GU | 90  | 95  | 91  | 83  | 87  | 99  | 99  | 99  | 99  | 99  | 99  | 94  |
|                | GU | 90  | 95  | 91  | 83  | 87  | 99  | 99  | 99  | 99  | 99  | 99  | 94  |

TABLE B-15, Cont'd

|                     |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CATACAMAS           | HO | 95  | 99  | 100 | 99  | 99  | 98  | 100 | 99  | 97  | 99  | 100 | 100 |
| CHOLUTECA           | HO | 100 | 100 | 100 | 98  | 97  | 99  | 98  | 98  | 97  | 97  | 100 | 100 |
| ISLAS DEL CISNE     | HO | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| SAN PEDRO SULA      | HO | 100 | 99  | 100 | 98  | 98  | 99  | 99  | 99  | 99  | 98  | 99  | 99  |
| TEGUCIGALPA         | HO | 100 | 100 | 100 | 94  | 97  | 98  | 99  | 98  | 97  | 98  | 98  | 99  |
| TELA                | HO | 99  | 97  | 99  | 98  | 91  | 96  | 100 | 99  | 100 | 97  | 98  | 97  |
| BLUEFIELDS          | NK | 100 | 100 | 99  | 99  | 99  | 100 | 98  | 97  | 98  | 97  | 98  | 95  |
| MANAGUA             | NK | 100 | 99  | 100 | 100 | 99  | 99  | 99  | 100 | 100 | 99  | 100 | 100 |
| PUERTO CABEZAS      | NK | 99  | 99  | 100 | 100 | 100 | 98  | 98  | 100 | 99  | 99  | 99  | 97  |
| RIVAS               | NK | 100 | 100 | 99  | 100 | 100 | 99  | 100 | 100 | 99  | 99  | 100 | 100 |
| BOCAS DEL TORO INTL | PM | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 99  | 100 | 100 |
| CHANGUINOLA INTL    | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  |
| DAVID               | PM | 100 | 100 | 100 | 99  | 100 | 100 | 99  | 100 | 99  | 99  | 98  | 100 |
| FORT SHERMAN        | PM | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 100 | 100 | 100 |
| HOWARD AFB          | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PANAMA CITY         | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PORVENIR            | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| RIO HATO            | PM | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| TOCUMEN             | PM | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1800Z               |    |     |     |     |     |     |     |     |     |     |     |     |     |
| BELIZE INTL         | BZ | 99  | 100 | 99  | 100 | 99  | 99  | 100 | 99  | 100 | 99  | 99  | 100 |
| LIBERIA             | CS | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 99  | 100 | 100 |
| LIMON               | CS | 98  | 99  | 100 | 99  | 100 | 100 | 98  | 100 | 100 | 99  | 100 | 100 |
| NICOYA              | CS | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 99  | 100 | 99  | 100 |
| PUNTARENAS          | CS | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| SAN JOSE            | CS | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| ACAJUTLA            | ES | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 |
| SAN SALVADOR        | ES | 100 | 99  | 100 | 100 | 100 | 98  | 100 | 100 | 100 | 99  | 100 | 100 |
| SANTA ANA           | ES | 100 | 98  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| FLORES              | GU | 100 | 100 | 100 | 99  | 95  | 100 | 100 | 100 | 100 | 99  | 100 | 99  |
| GUATEMALA CITY      | GU | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 98  | 100 | 100 | 100 |
| HUEHUETENANGO       | GU | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  |
| POPTUN              | GU | 98  | 100 | 100 | 97  | 94  | 100 | 100 | 98  | 97  | 98  | 100 | 100 |
| PUERTO BARRIOS      | GU | 100 | 99  | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 98  | 100 | 99  |
| RETALHULEU          | GU | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 99  | 97  | 96  | 97  | 100 |
| SAN JOSE            | GU | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 99  | 100 | 100 | 100 |

TABLE B-15, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CATACAMAS           | HO  | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 100 | 99  | 99  |
| CHOLUTECA           | HO  | 100 | 99  | 100 | 98  | 97  | 99  | 100 | 100 | 99  | 99  | 100 |
| GUANAJA             | HO  | 100 | 99  | 100 | 100 | 100 | 98  | 98  | 100 | 98  | 100 | 98  |
| ISLAS DEL CISNE     | HO  | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
| LA CEIBA            | HO  | 97  | 97  | 100 | 96  | 92  | 97  | 100 | 100 | 99  | 98  | 96  |
| PUERTO LEMPIRA      | HO  | 98  | 97  | 100 | 99  | 100 | 100 | 99  | 99  | 98  | 96  | 99  |
| SAN PEDRO SULA      | HO  | 100 | 98  | 99  | 98  | 99  | 100 | 100 | 100 | 99  | 98  | 100 |
| TEGUCIGALPA         | HO  | 100 | 100 | 100 | 97  | 98  | 100 | 100 | 100 | 100 | 99  | 100 |
| TELA                | HO  | 99  | 97  | 99  | 100 | 91  | 97  | 100 | 100 | 100 | 97  | 96  |
| BLUEFIELDS          | NK  | 99  | 100 | 100 | 99  | 100 | 99  | 98  | 99  | 99  | 100 | 99  |
| CHINANDEGA          | NK  | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 100 | 100 | 100 |
| JUIGALPA            | NK  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 |
| MANAGUA             | NK  | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 100 | 100 | 100 |
| PUERTO CABEZAS      | NK  | 100 | 99  | 100 | 99  | 99  | 98  | 100 | 100 | 100 | 98  | 99  |
| RIVAS               | NK  | 99  | 99  | 99  | 100 | 99  | 99  | 99  | 100 | 100 | 99  | 100 |
| BOCAS DEL TORO INTL | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| CHANGUINOLA INTL    | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| DAVID               | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| FORT SHERMAN        | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 99  |
| HOWARD AFB          | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 100 | 99  |
| JAUQUE              | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 100 | 100 |
| LA PALMA            | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PANAMA CITY         | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PORVENIR            | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| RIO HATO            | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| SANTIAGO            | PM  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| TOCUMEN             | PM  | 100 | 100 | 100 | 100 | 98  | 100 | 100 | 100 | 100 | 99  | 100 |

TABLE B-16 Sky Cover < 3/10: Percent Frequency of Occurrence, Selected Times

|        | 0000 LST |     |     |     |     |     |     |     |     |     |     |     |
|--------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|        | JAN      | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 18.00N | 46       | 36  | 47  | 40  | 43  | 11  | 10  | 14  | 18  | 34  | 45  | 47  |
| 18.00N | 48       | 43  | 43  | 46  | 32  | 11  | 23  | 26  | 23  | 28  | 43  | 52  |
| 18.00N | 52       | 59  | 60  | 58  | 33  | 18  | 28  | 29  | 25  | 32  | 37  | 47  |
| 18.00N | 50       | 36  | 63  | 45  | 35  | 22  | 22  | 22  | 24  | 27  | 37  | 49  |
| 18.00N | 57       | 33  | 60  | 50  | 39  | 39  | 35  | 32  | 20  | 35  | 50  | 51  |
| 17.00N | 49       | 29  | 40  | 34  | 23  | 11  | 13  | 12  | 18  | 19  | 41  | 44  |
| 17.00N | 44       | 33  | 43  | 40  | 29  | 13  | 19  | 20  | 17  | 25  | 32  | 33  |
| 17.00N | 49       | 42  | 74  | 55  | 37  | 20  | 22  | 29  | 20  | 21  | 32  | 39  |
| 17.00N | 54       | 44  | 56  | 58  | 37  | 20  | 23  | 31  | 22  | 29  | 42  | 42  |
| 17.00N | 56       | 44  | 57  | 53  | 30  | 17  | 22  | 20  | 27  | 28  | 34  | 47  |
| 16.00N | 49       | 31  | 50  | 44  | 21  | 9   | 10  | 6   | 3   | 14  | 30  | 42  |
| 16.00N | 56       | 36  | 42  | 43  | 27  | 16  | 18  | 16  | 18  | 18  | 34  | 51  |
| 16.00N | 37       | 20  | 42  | 27  | 15  | 6   | 4   | 6   | 4   | 8   | 17  | 27  |
| 16.00N | 54       | 40  | 51  | 37  | 28  | 17  | 19  | 27  | 17  | 29  | 32  | 38  |
| 16.00N | 49       | 31  | 55  | 40  | 30  | 16  | 11  | 25  | 15  | 20  | 37  | 43  |
| 16.00N | 59       | 33  | 63  | 48  | 43  | 19  | 25  | 27  | 24  | 21  | 41  | 52  |
| 15.00N | 53       | 44  | 56  | 17  | 11  | 2   | 8   | 2   | 3   | 10  | 56  | 50  |
| 15.00N | 62       | 58  | 55  | 28  | 17  | 6   | 12  | 8   | 7   | 23  | 28  | 47  |
| 15.00N | 51       | 44  | 46  | 24  | 25  | 8   | 10  | 10  | 9   | 24  | 32  | 39  |
| 15.00N | 34       | 24  | 33  | 19  | 12  | 7   | 12  | 12  | 3   | 20  | 30  | 31  |
| 15.00N | 46       | 25  | 34  | 24  | 19  | 9   | 10  | 15  | 12  | 25  | 36  | 38  |
| 15.00N | 59       | 40  | 65  | 37  | 38  | 11  | 12  | 16  | 18  | 26  | 43  | 38  |
| 15.00N | 64       | 54  | 68  | 40  | 35  | 24  | 24  | 25  | 21  | 24  | 54  | 50  |
| 14.00N | 87       | 71  | 68  | 31  | 26  | 10  | 18  | 12  | 12  | 23  | 61  | 72  |
| 14.00N | 81       | 57  | 51  | 27  | 15  | 7   | 18  | 8   | 9   | 16  | 51  | 54  |
| 14.00N | 74       | 68  | 56  | 30  | 7   | 3   | 7   | 6   | 1   | 18  | 31  | 46  |
| 14.00N | 64       | 64  | 66  | 26  | 14  | 6   | 15  | 13  | 10  | 20  | 43  | 46  |
| 14.00N | 49       | 25  | 45  | 23  | 18  | 7   | 7   | 6   | 9   | 15  | 29  | 37  |
| 14.00N | 60       | 59  | 49  | 33  | 19  | 10  | 14  | 16  | 17  | 20  | 36  | 45  |
| 14.00N | 66       | 51  | 69  | 38  | 32  | 17  | 13  | 19  | 16  | 22  | 39  | 48  |
| 13.00N | 89       | 70  | 69  | 34  | 17  | 4   | 16  | 15  | 13  | 25  | 53  | 79  |
| 13.00N | 77       | 53  | 57  | 28  | 14  | 4   | 12  | 4   | 2   | 10  | 36  | 42  |
| 13.00N | 66       | 76  | 68  | 43  | 12  | 5   | 10  | 20  | 7   | 13  | 37  | 54  |
| 13.00N | 54       | 60  | 56  | 26  | 29  | 13  | 10  | 13  | 12  | 19  | 20  | 46  |
| 13.00N | 59       | 49  | 65  | 29  | 27  | 12  | 12  | 15  | 17  | 17  | 31  | 43  |
| 13.00N | 67       | 52  | 54  | 28  | 29  | 20  | 13  | 19  | 17  | 18  | 32  | 48  |
| 12.00N | 90       | 77  | 77  | 54  | 29  | 10  | 20  | 14  | 14  | 33  | 59  | 73  |
| 12.00N | 83       | 73  | 67  | 40  | 26  | 9   | 24  | 16  | 13  | 26  | 44  | 69  |
| 12.00N | 78       | 69  | 73  | 37  | 17  | 5   | 21  | 13  | 14  | 15  | 44  | 60  |
| 12.00N | 70       | 69  | 78  | 37  | 17  | 10  | 9   | 13  | 8   | 14  | 25  | 48  |
| 12.00N | 46       | 41  | 61  | 31  | 32  | 10  | 14  | 7   | 12  | 16  | 19  | 35  |
| 12.00N | 58       | 48  | 55  | 27  | 18  | 10  | 6   | 12  | 17  | 11  | 29  | 38  |
| 12.00N | 72       | 48  | 51  | 32  | 26  | 13  | 10  | 18  | 13  | 9   | 32  | 57  |
| 11.00N | 88       | 73  | 78  | 56  | 34  | 8   | 19  | 16  | 19  | 27  | 58  | 68  |
| 11.00N | 83       | 67  | 80  | 49  | 33  | 12  | 18  | 13  | 10  | 23  | 50  | 69  |
| 11.00N | 81       | 64  | 75  | 46  | 23  | 10  | 14  | 11  | 10  | 11  | 36  | 60  |
| 11.00N | 61       | 50  | 51  | 28  | 22  | 6   | 15  | 8   | 8   | 15  | 25  | 49  |
| 11.00N | 51       | 40  | 42  | 25  | 19  | 5   | 4   | 5   | 6   | 9   | 17  | 29  |
| 11.00N | 67       | 46  | 40  | 23  | 18  | 7   | 5   | 5   | 11  | 8   | 20  | 41  |
| 11.00N | 72       | 42  | 34  | 16  | 17  | 12  | 8   | 13  | 10  | 14  | 24  | 42  |
| 11.00N | 71       | 63  | 56  | 21  | 18  | 13  | 20  | 13  | 11  | 15  | 31  | 53  |
| 10.00N | 85       | 63  | 76  | 46  | 31  | 10  | 17  | 16  | 17  | 23  | 51  | 72  |

TABLE B-16, Cont'd

|               | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 10.00N 86.00W | 76  | 64  | 57  | 32  | 15  | 3   | 4   | 3   | 3   | 2   | 24  | 48  |
| 10.00N 84.00W | 62  | 61  | 54  | 36  | 24  | 11  | 14  | 7   | 8   | 10  | 23  | 38  |
| 10.00N 82.00W | 44  | 21  | 23  | 14  | 8   | 5   | 0   | 6   | 6   | 7   | 13  | 30  |
| 10.00N 80.00W | 61  | 39  | 36  | 23  | 17  | 7   | 6   | 5   | 4   | 4   | 12  | 40  |
| 10.00N 78.00W | 62  | 42  | 24  | 12  | 10  | 6   | 13  | 15  | 6   | 3   | 22  | 45  |
| 9.00N 91.00W  | 83  | 58  | 74  | 49  | 24  | 4   | 20  | 20  | 12  | 19  | 42  | 68  |
| 9.00N 87.00W  | 79  | 61  | 53  | 29  | 23  | 6   | 9   | 15  | 10  | 16  | 30  | 57  |
| 9.00N 85.00W  | 68  | 46  | 49  | 16  | 3   | 5   | 4   | 1   | 6   | 4   | 15  | 32  |
| 9.00N 83.00W  | 48  | 37  | 30  | 15  | 10  | 4   | 7   | 2   | 0   | 6   | 10  | 28  |
| 9.00N 81.00W  | 22  | 5   | 11  | 4   | 2   | 2   | 0   | 2   | 1   | 3   | 4   | 12  |
| 9.00N 79.00W  | 63  | 59  | 47  | 26  | 13  | 10  | 13  | 11  | 6   | 10  | 14  | 42  |
| 9.00N 77.00W  | 61  | 29  | 24  | 8   | 4   | 6   | 9   | 6   | 4   | 2   | 11  | 31  |
| 8.00N 84.00W  | 51  | 24  | 27  | 11  | 10  | 2   | 8   | 2   | 1   | 2   | 10  | 35  |
| 8.00N 82.00W  | 66  | 39  | 40  | 17  | 8   | 1   | 2   | 3   | 1   | 0   | 4   | 30  |
| 8.00N 80.00W  | 71  | 43  | 53  | 20  | 5   | 3   | 2   | 0   | 2   | 4   | 11  | 31  |
| 8.00N 78.00W  | 44  | 25  | 32  | 12  | 0   | 2   | 6   | 3   | 1   | 2   | 7   | 24  |
| 7.00N 86.00W  | 52  | 37  | 37  | 14  | 8   | 8   | 2   | 4   | 8   | 11  | 26  | 41  |
| 7.00N 81.00W  | 65  | 40  | 46  | 21  | 10  | 5   | 3   | 3   | 4   | 1   | 10  | 21  |
| 7.00N 79.00W  | 50  | 22  | 34  | 17  | 8   | 3   | 3   | 1   | 2   | 5   | 11  | 21  |
| 6.00N 84.00W  | 53  | 29  | 30  | 14  | 6   | 1   | 5   | 5   | 4   | 10  | 18  | 38  |
| 6.00N 82.00W  | 53  | 30  | 25  | 17  | 14  | 6   | 5   | 6   | 8   | 6   | 9   | 27  |
| 6.00N 80.00W  | 38  | 25  | 37  | 23  | 15  | 8   | 7   | 4   | 8   | 10  | 13  | 17  |
| 6.00N 78.00W  | 31  | 21  | 22  | 9   | 5   | 2   | 1   | 2   | 3   | 4   | 12  | 10  |

## 1200 LST

|               | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 18.00N 92.00W | 43  | 44  | 55  | 50  | 40  | 10  | 35  | 29  | 31  | 26  | 46  | 41  |
| 18.00N 90.00W | 47  | 43  | 48  | 57  | 37  | 12  | 31  | 31  | 33  | 37  | 36  | 40  |
| 18.00N 88.00W | 40  | 21  | 52  | 39  | 25  | 7   | 18  | 9   | 9   | 13  | 19  | 33  |
| 18.00N 84.00W | 66  | 50  | 56  | 69  | 34  | 38  | 39  | 45  | 37  | 44  | 42  | 48  |
| 18.00N 81.00W | 67  | 53  | 53  | 56  | 48  | 45  | 40  | 51  | 40  | 48  | 50  | 58  |
| 17.00N 91.00W | 40  | 26  | 43  | 53  | 35  | 12  | 30  | 29  | 31  | 31  | 38  | 39  |
| 17.00N 89.00W | 34  | 19  | 36  | 37  | 25  | 10  | 22  | 13  | 20  | 14  | 26  | 33  |
| 17.00N 87.00W | 56  | 52  | 71  | 60  | 44  | 30  | 32  | 29  | 39  | 33  | 35  | 45  |
| 17.00N 85.00W | 66  | 53  | 69  | 59  | 46  | 35  | 41  | 37  | 32  | 43  | 37  | 50  |
| 17.00N 84.00W | 42  | 40  | 49  | 30  | 19  | 17  | 22  | 22  | 20  | 14  | 20  | 36  |
| 16.00N 92.00W | 49  | 42  | 60  | 52  | 27  | 4   | 24  | 14  | 7   | 23  | 27  | 45  |
| 16.00N 90.00W | 41  | 35  | 46  | 43  | 37  | 10  | 23  | 17  | 22  | 27  | 24  | 34  |
| 16.00N 88.00W | 33  | 22  | 45  | 33  | 22  | 10  | 12  | 8   | 12  | 9   | 19  | 19  |
| 16.00N 86.00W | 44  | 36  | 47  | 46  | 26  | 18  | 20  | 22  | 30  | 37  | 20  | 34  |
| 16.00N 84.00W | 59  | 45  | 60  | 47  | 34  | 20  | 18  | 34  | 30  | 31  | 37  | 43  |
| 16.00N 82.00W | 68  | 60  | 65  | 57  | 45  | 30  | 29  | 45  | 43  | 52  | 46  | 55  |
| 15.00N 93.00W | 87  | 75  | 70  | 54  | 28  | 20  | 20  | 24  | 22  | 41  | 61  | 69  |
| 15.00N 91.00W | 65  | 45  | 67  | 53  | 27  | 3   | 15  | 11  | 6   | 16  | 20  | 46  |
| 15.00N 89.00W | 30  | 34  | 42  | 32  | 22  | 8   | 15  | 13  | 18  | 22  | 19  | 27  |
| 15.00N 87.00W | 23  | 10  | 33  | 23  | 13  | 2   | 5   | 6   | 2   | 11  | 3   | 14  |
| 15.00N 85.00W | 32  | 26  | 33  | 20  | 14  | 1   | 13  | 11  | 20  | 27  | 27  | 24  |
| 15.00N 83.00W | 60  | 52  | 58  | 45  | 43  | 20  | 25  | 37  | 29  | 30  | 38  | 52  |
| 15.00N 81.00W | 74  | 68  | 67  | 56  | 42  | 36  | 37  | 40  | 41  | 41  | 46  | 55  |

TABLE B-16, Cont'd

|        | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 14.00N | 91  | 80  | 75  | 59  | 30  | 19  | 19  | 23  | 21  | 51  | 69  | 78  |
| 14.00N | 92  | 80  | 77  | 53  | 33  | 18  | 20  | 23  | 22  | 36  | 67  | 69  |
| 14.00N | 73  | 56  | 53  | 27  | 6   | 7   | 10  | 5   | 2   | 10  | 28  | 41  |
| 14.00N | 67  | 63  | 61  | 44  | 18  | 10  | 32  | 25  | 12  | 29  | 1   | 56  |
| 14.00N | 25  | 9   | 31  | 12  | 15  | 5   | 18  | 7   | 13  | 25  | 19  | 18  |
| 14.00N | 36  | 20  | 26  | 20  | 12  | 3   | 13  | 8   | 14  | 23  | 23  | 18  |
| 14.00N | 67  | 59  | 61  | 46  | 34  | 24  | 27  | 25  | 33  | 37  | 40  | 43  |
| 13.00N | 87  | 85  | 73  | 52  | 29  | 22  | 19  | 26  | 19  | 25  | 60  | 74  |
| 13.00N | 89  | 77  | 67  | 53  | 23  | 21  | 31  | 29  | 11  | 34  | 57  | 61  |
| 13.00N | 75  | 58  | 56  | 41  | 9   | 3   | 19  | 10  | 9   | 22  | 41  | 44  |
| 13.00N | 30  | 22  | 30  | 17  | 20  | 3   | 11  | 16  | 21  | 18  | 27  | 20  |
| 13.00N | 63  | 52  | 56  | 44  | 30  | 19  | 20  | 21  | 22  | 27  | 32  | 45  |
| 13.00N | 80  | 67  | 54  | 54  | 43  | 21  | 25  | 33  | 28  | 36  | 43  | 53  |
| 12.00N | 86  | 71  | 74  | 53  | 38  | 16  | 19  | 16  | 21  | 43  | 60  | 70  |
| 12.00N | 94  | 79  | 70  | 42  | 24  | 16  | 29  | 28  | 17  | 34  | 57  | 81  |
| 12.00N | 94  | 86  | 86  | 60  | 28  | 21  | 38  | 31  | 28  | 35  | 57  | 80  |
| 17.00N | 24  | 25  | 27  | 13  | 1   | 1   | 5   | 0   | 1   | 4   | 3   | 7   |
| 12.00N | 7   | 1   | 3   | 3   | 6   | 1   | 5   | 4   | 14  | 9   | 10  | 16  |
| 12.00N | 69  | 66  | 60  | 47  | 36  | 12  | 19  | 17  | 18  | 24  | 32  | 47  |
| 12.00N | 75  | 60  | 57  | 44  | 37  | 14  | 19  | 25  | 19  | 22  | 40  | 59  |
| 11.00N | 90  | 80  | 78  | 54  | 40  | 17  | 22  | 27  | 18  | 39  | 51  | 75  |
| 11.00N | 90  | 83  | 86  | 52  | 31  | 22  | 28  | 28  | 22  | 34  | 57  | 79  |
| 11.00N | 93  | 82  | 82  | 68  | 33  | 17  | 34  | 33  | 34  | 37  | 55  | 77  |
| 11.00N | 36  | 34  | 27  | 9   | 7   | 0   | 3   | 4   | 0   | 3   | 8   | 21  |
| 11.00N | 67  | 41  | 55  | 37  | 34  | 4   | 9   | 13  | 11  | 14  | 23  | 43  |
| 11.00N | 75  | 64  | 54  | 44  | 33  | 8   | 18  | 15  | 16  | 14  | 24  | 48  |
| 11.00N | 86  | 47  | 57  | 33  | 23  | 11  | 9   | 20  | 16  | 16  | 29  | 58  |
| 11.00N | 80  | 44  | 59  | 26  | 16  | 19  | 29  | 25  | 16  | 22  | 36  | 48  |
| 10.00N | 92  | 82  | 87  | 62  | 38  | 20  | 23  | 26  | 26  | 34  | 50  | 74  |
| 10.00N | 93  | 78  | 82  | 51  | 33  | 13  | 20  | 12  | 19  | 22  | 35  | 59  |
| 10.00N | 44  | 28  | 30  | 10  | 5   | 1   | 2   | 1   | 0   | 1   | 4   | 22  |
| 10.00N | 27  | 14  | 13  | 9   | 8   | 2   | 3   | 5   | 6   | 2   | 5   | 18  |
| 10.00N | 81  | 49  | 48  | 29  | 22  | 10  | 10  | 20  | 10  | 15  | 20  | 43  |
| 10.00N | 74  | 41  | 40  | 26  | 19  | 11  | 10  | 10  | 6   | 11  | 22  | 51  |
| 10.00N | 89  | 79  | 83  | 54  | 42  | 13  | 19  | 22  | 26  | 38  | 52  | 70  |
| 9.00N  | 89  | 68  | 66  | 38  | 30  | 9   | 17  | 23  | 18  | 27  | 38  | 67  |
| 9.00N  | 83  | 80  | 67  | 40  | 15  | 5   | 13  | 8   | 19  | 11  | 20  | 49  |
| 9.00N  | 23  | 6   | 6   | 1   | 0   | 0   | 2   | 2   | 1   | 2   | 2   | 4   |
| 9.00N  | 28  | 13  | 18  | 7   | 13  | 7   | 4   | 12  | 16  | 11  | 12  | 23  |
| 9.00N  | 9   | 4   | 8   | 3   | 1   | 0   | 3   | 2   | 0   | 0   | 2   | 5   |
| 9.00N  | 69  | 34  | 31  | 22  | 15  | 7   | 10  | 10  | 14  | 10  | 16  | 40  |
| 8.00N  | 66  | 56  | 36  | 22  | 14  | 8   | 12  | 10  | 10  | 9   | 23  | 43  |
| 8.00N  | 79  | 65  | 45  | 32  | 14  | 9   | 12  | 14  | 10  | 13  | 16  | 48  |
| 8.00N  | 55  | 23  | 27  | 13  | 3   | 2   | 2   | 3   | 3   | 3   | 3   | 25  |
| 8.00N  | 27  | 12  | 15  | 6   | 4   | 0   | 10  | 5   | 4   | 3   | 8   | 25  |
| 7.00N  | 61  | 51  | 44  | 24  | 16  | 12  | 13  | 12  | 17  | 22  | 38  | 53  |
| 7.00N  | 76  | 60  | 46  | 39  | 16  | 5   | 11  | 5   | 7   | 7   | 11  | 44  |
| 7.00N  | 58  | 40  | 42  | 30  | 16  | 8   | 6   | 8   | 7   | 6   | 7   | 25  |
| 6.00N  | 56  | 39  | 32  | 19  | 11  | 6   | 17  | 14  | 13  | 16  | 14  | 50  |
| 6.00N  | 68  | 45  | 33  | 26  | 20  | 8   | 11  | 9   | 11  | 16  | 11  | 32  |
| 6.00N  | 51  | 38  | 43  | 28  | 18  | 8   | 8   | 9   | 10  | 13  | 11  | 25  |
| 6.00N  | 29  | 13  | 15  | 12  | 6   | 2   | 3   | 3   | 4   | 3   | 9   | 15  |

TABLE B-17 Sky Cover > 6/10: Percent Frequency of Occurrence, Selected Times

|               | 0000 LST |     |     |     |     |     |     |     |     |     |     |     |
|---------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|               | JAN      | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 18.00N 92.00W | 52       | 59  | 46  | 53  | 50  | 87  | 85  | 82  | 73  | 62  | 48  | 48  |
| 18.00N 90.00W | 49       | 52  | 50  | 50  | 66  | 88  | 75  | 75  | 65  | 67  | 51  | 46  |
| 18.00N 88.00W | 36       | 38  | 33  | 34  | 54  | 70  | 70  | 55  | 66  | 61  | 55  | 45  |
| 18.00N 84.00W | 41       | 53  | 29  | 45  | 57  | 70  | 67  | 73  | 70  | 66  | 51  | 42  |
| 18.00N 81.00W | 34       | 63  | 28  | 40  | 57  | 57  | 62  | 60  | 72  | 59  | 44  | 38  |
| 17.00N 91.00W | 45       | 66  | 57  | 60  | 66  | 87  | 84  | 85  | 80  | 72  | 51  | 49  |
| 17.00N 89.00W | 51       | 65  | 52  | 56  | 70  | 81  | 77  | 74  | 78  | 72  | 61  | 60  |
| 17.00N 87.00W | 46       | 51  | 32  | 39  | 60  | 73  | 74  | 65  | 76  | 69  | 59  | 55  |
| 17.00N 85.00W | 41       | 49  | 29  | 38  | 58  | 74  | 70  | 65  | 74  | 64  | 52  | 46  |
| 17.00N 84.00W | 40       | 46  | 26  | 38  | 58  | 71  | 66  | 69  | 66  | 65  | 48  | 47  |
| 16.00N 92.00W | 45       | 55  | 40  | 58  | 67  | 82  | 82  | 91  | 92  | 78  | 64  | 51  |
| 16.00N 90.00W | 41       | 58  | 57  | 53  | 69  | 84  | 75  | 79  | 80  | 77  | 60  | 45  |
| 16.00N 88.00W | 55       | 74  | 53  | 64  | 77  | 90  | 86  | 87  | 88  | 86  | 77  | 66  |
| 16.00N 86.00W | 40       | 48  | 41  | 54  | 69  | 78  | 71  | 61  | 74  | 67  | 60  | 56  |
| 16.00N 84.00W | 44       | 60  | 34  | 49  | 66  | 79  | 80  | 71  | 80  | 74  | 58  | 47  |
| 16.00N 82.00W | 32       | 57  | 26  | 48  | 50  | 76  | 66  | 70  | 71  | 70  | 52  | 42  |
| 15.00N 93.00W | 34       | 40  | 36  | 71  | 84  | 93  | 87  | 93  | 97  | 83  | 39  | 34  |
| 15.00N 91.00W | 29       | 33  | 28  | 60  | 70  | 89  | 84  | 89  | 93  | 71  | 55  | 47  |
| 15.00N 89.00W | 44       | 43  | 46  | 64  | 67  | 90  | 87  | 90  | 72  | 62  | 62  | 62  |
| 14.00N 87.00W | 57       | 64  | 52  | 72  | 82  | 82  | 77  | 83  | 92  | 75  | 63  | 63  |
| 15.00N 85.00W | 45       | 67  | 56  | 71  | 75  | 87  | 86  | 83  | 86  | 71  | 61  | 56  |
| 15.00N 83.00W | 34       | 51  | 29  | 53  | 54  | 87  | 83  | 80  | 77  | 68  | 51  | 49  |
| 15.00N 81.00W | 29       | 37  | 20  | 49  | 58  | 70  | 74  | 70  | 77  | 74  | 41  | 45  |
| 14.00N 93.00W | 10       | 19  | 27  | 59  | 70  | 90  | 78  | 86  | 83  | 70  | 30  | 26  |
| 14.00N 92.00W | 17       | 36  | 38  | 63  | 83  | 92  | 80  | 91  | 90  | 81  | 45  | 40  |
| 14.00N 90.00W | 23       | 19  | 31  | 58  | 85  | 96  | 87  | 92  | 92  | 73  | 50  | 33  |
| 14.00N 88.00W | 28       | 21  | 27  | 67  | 80  | 91  | 83  | 83  | 85  | 76  | 49  | 45  |
| 14.00N 86.00W | 46       | 57  | 46  | 68  | 80  | 89  | 92  | 90  | 77  | 64  | 56  | 48  |
| 14.00N 84.00W | 37       | 37  | 29  | 60  | 75  | 87  | 84  | 79  | 80  | 74  | 56  | 48  |
| 14.00N 82.00W | 30       | 43  | 22  | 58  | 64  | 82  | 84  | 74  | 79  | 71  | 58  | 44  |
| 14.00N 81.00W | 5        | 24  | 18  | 57  | 78  | 89  | 81  | 83  | 83  | 71  | 40  | 37  |
| 13.00N 89.00W | 18       | 37  | 32  | 67  | 83  | 93  | 83  | 87  | 92  | 86  | 53  | 35  |
| 13.00N 87.00W | 26       | 18  | 26  | 47  | 79  | 85  | 84  | 84  | 88  | 80  | 51  | 36  |
| 13.00N 85.00W | 45       | 32  | 40  | 68  | 68  | 84  | 89  | 85  | 86  | 75  | 70  | 52  |
| 13.00N 83.00W | 36       | 42  | 31  | 63  | 69  | 84  | 85  | 84  | 81  | 81  | 64  | 53  |
| 13.00N 81.00W | 28       | 40  | 30  | 59  | 66  | 78  | 82  | 77  | 79  | 77  | 63  | 43  |
| 12.00N 93.00W | 8        | 18  | 17  | 44  | 70  | 86  | 77  | 85  | 80  | 65  | 39  | 24  |
| 12.00N 90.00W | 14       | 23  | 25  | 56  | 70  | 86  | 74  | 83  | 87  | 70  | 47  | 27  |
| 12.00N 88.00W | 16       | 19  | 22  | 58  | 78  | 94  | 74  | 86  | 84  | 81  | 51  | 29  |
| 12.00N 86.00W | 20       | 25  | 18  | 43  | 63  | 89  | 82  | 84  | 88  | 80  | 68  | 47  |
| 12.00N 84.00W | 46       | 44  | 32  | 57  | 70  | 86  | 84  | 87  | 86  | 77  | 72  | 60  |
| 12.00N 82.00W | 28       | 41  | 35  | 65  | 72  | 88  | 87  | 86  | 81  | 89  | 66  | 52  |
| 12.00N 80.00W | 25       | 39  | 41  | 60  | 71  | 83  | 87  | 77  | 82  | 89  | 62  | 41  |
| 11.00N 91.00W | 10       | 19  | 20  | 39  | 62  | 92  | 78  | 82  | 80  | 71  | 40  | 30  |
| 11.00N 89.00W | 13       | 30  | 17  | 44  | 63  | 85  | 78  | 85  | 87  | 72  | 46  | 27  |
| 11.00N 87.00W | 14       | 27  | 18  | 49  | 74  | 86  | 82  | 87  | 88  | 82  | 60  | 38  |
| 11.00N 85.00W | 34       | 41  | 38  | 60  | 73  | 91  | 82  | 91  | 89  | 83  | 68  | 42  |
| 11.00N 83.00W | 41       | 62  | 52  | 69  | 74  | 91  | 94  | 94  | 92  | 88  | 78  | 57  |
| 11.00N 81.00W | 28       | 44  | 56  | 68  | 78  | 88  | 91  | 88  | 91  | 88  | 91  | 76  |
| 11.00N 79.00W | 17       | 50  | 59  | 80  | 77  | 84  | 86  | 84  | 89  | 84  | 65  | 52  |
| 11.00N 77.00W | 23       | 36  | 40  | 73  | 75  | 81  | 76  | 83  | 88  | 80  | 63  | 42  |

TABLE B-17, Cont'd

|        | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 10.00N | 13  | 30  | 17  | 47  | 65  | 89  | 80  | 80  | 82  | 70  | 43  | 23  |
| 10.00N | 23  | 26  | 31  | 62  | 85  | 96  | 94  | 97  | 97  | 96  | 67  | 41  |
| 10.00N | 34  | 38  | 42  | 58  | 69  | 76  | 74  | 87  | 87  | 87  | 72  | 50  |
| 10.00N | 51  | 73  | 70  | 79  | 89  | 92  | 100 | 90  | 92  | 90  | 82  | 59  |
| 10.00N | 30  | 52  | 56  | 72  | 83  | 89  | 92  | 91  | 93  | 94  | 84  | 54  |
| 10.00N | 31  | 54  | 62  | 82  | 87  | 92  | 84  | 82  | 94  | 96  | 73  | 49  |
| 9.00N  | 15  | 32  | 15  | 49  | 66  | 89  | 79  | 75  | 81  | 75  | 52  | 30  |
| 9.00N  | 20  | 36  | 44  | 69  | 75  | 91  | 89  | 94  | 86  | 82  | 64  | 39  |
| 9.00N  | 28  | 45  | 49  | 79  | 92  | 93  | 92  | 98  | 93  | 95  | 78  | 60  |
| 9.00N  | 45  | 58  | 61  | 77  | 83  | 89  | 91  | 92  | 99  | 94  | 83  | 69  |
| 9.00N  | 66  | 89  | 82  | 94  | 94  | 97  | 100 | 97  | 98  | 97  | 92  | 83  |
| 9.00N  | 29  | 30  | 41  | 66  | 82  | 88  | 80  | 86  | 88  | 85  | 74  | 53  |
| 9.00N  | 33  | 65  | 71  | 91  | 92  | 90  | 91  | 91  | 94  | 97  | 87  | 62  |
| 8.00N  | 43  | 56  | 67  | 88  | 89  | 94  | 90  | 98  | 97  | 97  | 86  | 59  |
| 8.00N  | 24  | 45  | 55  | 76  | 87  | 98  | 96  | 97  | 98  | 100 | 92  | 61  |
| 8.00N  | 24  | 49  | 44  | 76  | 94  | 97  | 96  | 97  | 96  | 92  | 87  | 59  |
| 8.00N  | 48  | 63  | 62  | 87  | 99  | 97  | 91  | 94  | 98  | 96  | 86  | 71  |
| 7.00N  | 45  | 57  | 59  | 82  | 92  | 90  | 95  | 96  | 92  | 87  | 70  | 52  |
| 7.00N  | 28  | 52  | 49  | 76  | 88  | 91  | 94  | 96  | 96  | 97  | 89  | 70  |
| 7.00N  | 45  | 70  | 61  | 80  | 92  | 96  | 97  | 98  | 92  | 94  | 88  | 76  |
| 6.00N  | 41  | 62  | 62  | 85  | 90  | 94  | 91  | 94  | 93  | 85  | 79  | 53  |
| 6.00N  | 43  | 63  | 59  | 80  | 82  | 93  | 95  | 91  | 89  | 92  | 87  | 70  |
| 6.00N  | 60  | 70  | 57  | 73  | 83  | 87  | 92  | 94  | 90  | 88  | 85  | 76  |
| 6.00N  | 67  | 75  | 72  | 88  | 92  | 97  | 96  | 98  | 97  | 91  | 85  | 86  |

1200 LST

|        | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 18.00N | 53  | 51  | 44  | 46  | 56  | 89  | 60  | 67  | 68  | 68  | 51  | 57  |
| 18.00N | 49  | 55  | 48  | 41  | 61  | 86  | 63  | 67  | 64  | 57  | 58  | 58  |
| 18.00N | 43  | 47  | 29  | 42  | 66  | 80  | 66  | 75  | 74  | 75  | 73  | 58  |
| 18.00N | 28  | 44  | 33  | 38  | 57  | 56  | 52  | 46  | 54  | 48  | 50  | 45  |
| 18.00N | 24  | 44  | 28  | 39  | 47  | 51  | 54  | 43  | 54  | 42  | 46  | 34  |
| 17.00N | 58  | 70  | 56  | 42  | 61  | 88  | 67  | 68  | 66  | 63  | 57  | 58  |
| 17.00N | 63  | 78  | 63  | 57  | 73  | 88  | 75  | 82  | 77  | 78  | 69  | 66  |
| 17.00N | 40  | 39  | 27  | 36  | 53  | 64  | 62  | 66  | 58  | 63  | 60  | 45  |
| 17.00N | 28  | 38  | 26  | 37  | 46  | 58  | 55  | 56  | 61  | 52  | 58  | 42  |
| 17.00N | 42  | 51  | 37  | 59  | 66  | 77  | 65  | 64  | 72  | 65  | 70  | 58  |
| 16.00N | 41  | 47  | 31  | 34  | 64  | 82  | 60  | 74  | 82  | 69  | 65  | 48  |
| 16.00N | 57  | 64  | 53  | 56  | 60  | 88  | 73  | 76  | 73  | 66  | 73  | 56  |
| 16.00N | 59  | 70  | 44  | 53  | 61  | 78  | 74  | 78  | 80  | 75  | 83  | 67  |
| 16.00N | 54  | 61  | 45  | 51  | 63  | 81  | 68  | 69  | 61  | 58  | 73  | 61  |
| 16.00N | 33  | 45  | 32  | 48  | 58  | 73  | 71  | 61  | 62  | 61  | 57  | 48  |
| 16.00N | 26  | 33  | 30  | 41  | 51  | 63  | 58  | 46  | 54  | 44  | 49  | 41  |
| 16.00N | 9   | 23  | 24  | 38  | 70  | 79  | 75  | 69  | 73  | 47  | 31  | 26  |
| 15.00N | 25  | 45  | 24  | 32  | 70  | 92  | 79  | 85  | 89  | 77  | 66  | 45  |
| 15.00N | 65  | 62  | 50  | 51  | 71  | 89  | 81  | 84  | 77  | 72  | 77  | 68  |
| 15.00N | 72  | 86  | 55  | 69  | 77  | 96  | 83  | 91  | 94  | 84  | 93  | 78  |
| 15.00N | 67  | 73  | 67  | 79  | 82  | 97  | 82  | 85  | 75  | 70  | 69  | 74  |
| 15.00N | 33  | 38  | 36  | 49  | 52  | 77  | 66  | 59  | 64  | 56  | 53  | 40  |
| 15.00N | 23  | 26  | 25  | 38  | 53  | 59  | 61  | 57  | 51  | 52  | 47  | 38  |

TABLE B-17, Cont'd

|        | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 14.00N | 7   | 17  | 16  | 33  | 69  | 81  | 80  | 74  | 72  | 43  | 27  | 20  |
| 14.00N | 4   | 18  | 19  | 43  | 55  | 79  | 78  | 76  | 71  | 59  | 27  | 28  |
| 14.00N | 16  | 35  | 29  | 58  | 79  | 90  | 76  | 86  | 93  | 84  | 57  | 42  |
| 14.00N | 22  | 30  | 31  | 47  | 72  | 86  | 61  | 66  | 81  | 58  | 50  | 32  |
| 14.00N | 74  | 88  | 63  | 79  | 83  | 93  | 82  | 87  | 83  | 72  | 77  | 80  |
| 14.00N | 57  | 79  | 64  | 79  | 80  | 94  | 81  | 85  | 78  | 72  | 71  | 71  |
| 14.00N | 25  | 31  | 29  | 56  | 57  | 72  | 68  | 73  | 65  | 53  | 53  | 46  |
| 13.00N | 9   | 14  | 24  | 46  | 69  | 70  | 76  | 71  | 77  | 59  | 34  | 19  |
| 13.00N | 9   | 21  | 30  | 40  | 72  | 78  | 62  | 65  | 74  | 60  | 39  | 22  |
| 13.00N | 13  | 30  | 32  | 39  | 82  | 90  | 68  | 78  | 82  | 63  | 49  | 38  |
| 13.00N | 68  | 76  | 68  | 82  | 76  | 96  | 85  | 77  | 78  | 80  | 69  | 75  |
| 13.00N | 29  | 39  | 39  | 53  | 66  | 78  | 77  | 76  | 74  | 66  | 57  | 48  |
| 13.00N | 12  | 25  | 35  | 40  | 54  | 75  | 59  | 57  | 66  | 62  | 49  | 38  |
| 13.00N | 10  | 24  | 23  | 42  | 59  | 82  | 76  | 84  | 76  | 48  | 37  | 26  |
| 12.00N | 4   | 19  | 21  | 54  | 69  | 81  | 70  | 68  | 80  | 65  | 37  | 17  |
| 12.00N | 5   | 14  | 11  | 38  | 70  | 79  | 61  | 66  | 69  | 60  | 34  | 14  |
| 12.00N | 52  | 57  | 54  | 74  | 86  | 96  | 94  | 98  | 97  | 88  | 87  | 79  |
| 12.00N | 88  | 93  | 86  | 85  | 87  | 98  | 94  | 91  | 82  | 86  | 84  | 83  |
| 12.00N | 23  | 31  | 32  | 49  | 57  | 82  | 75  | 79  | 78  | 68  | 61  | 45  |
| 12.00N | 19  | 36  | 40  | 53  | 55  | 83  | 77  | 70  | 73  | 74  | 58  | 32  |
| 11.00N | 6   | 17  | 19  | 40  | 59  | 82  | 70  | 71  | 79  | 58  | 43  | 22  |
| 11.00N | 7   | 15  | 11  | 46  | 63  | 76  | 62  | 68  | 72  | 63  | 41  | 18  |
| 11.00N | 5   | 17  | 14  | 30  | 66  | 80  | 62  | 65  | 60  | 59  | 38  | 23  |
| 11.00N | 56  | 60  | 59  | 82  | 87  | 98  | 93  | 95  | 98  | 94  | 88  | 69  |
| 11.00N | 27  | 45  | 41  | 58  | 61  | 93  | 89  | 86  | 89  | 82  | 72  | 53  |
| 11.00N | 22  | 31  | 40  | 52  | 62  | 89  | 77  | 80  | 82  | 81  | 72  | 44  |
| 11.00N | 9   | 42  | 35  | 63  | 74  | 88  | 88  | 74  | 81  | 79  | 64  | 33  |
| 11.00N | 14  | 51  | 31  | 69  | 75  | 75  | 67  | 67  | 82  | 76  | 62  | 44  |
| 10.00N | 6   | 17  | 11  | 38  | 53  | 80  | 75  | 70  | 72  | 71  | 43  | 19  |
| 10.00N | 5   | 17  | 16  | 38  | 62  | 80  | 75  | 81  | 79  | 71  | 56  | 26  |
| 10.00N | 54  | 60  | 63  | 84  | 88  | 97  | 96  | 97  | 98  | 96  | 91  | 73  |
| 10.00N | 61  | 73  | 80  | 87  | 84  | 98  | 96  | 93  | 91  | 95  | 81  | 76  |
| 10.00N | 18  | 42  | 44  | 66  | 79  | 87  | 87  | 77  | 89  | 81  | 74  | 49  |
| 10.00N | 16  | 52  | 51  | 68  | 75  | 87  | 85  | 80  | 91  | 87  | 78  | 42  |
| 9.00N  | 8   | 20  | 15  | 46  | 54  | 83  | 79  | 72  | 83  | 59  | 46  | 24  |
| 9.00N  | 10  | 32  | 31  | 61  | 68  | 88  | 81  | 70  | 76  | 69  | 54  | 25  |
| 9.00N  | 14  | 19  | 29  | 58  | 79  | 91  | 86  | 89  | 78  | 74  | 75  | 44  |
| 9.00N  | 67  | 86  | 85  | 98  | 98  | 100 | 96  | 97  | 98  | 96  | 93  | 90  |
| 9.00N  | 65  | 82  | 79  | 87  | 85  | 92  | 95  | 86  | 83  | 86  | 80  | 67  |
| 9.00N  | 58  | 79  | 82  | 86  | 91  | 96  | 96  | 94  | 99  | 96  | 92  | 73  |
| 9.00N  | 28  | 61  | 63  | 71  | 80  | 87  | 84  | 83  | 82  | 84  | 83  | 77  |
| 8.00N  | 26  | 41  | 60  | 76  | 83  | 91  | 85  | 89  | 87  | 83  | 74  | 49  |
| 8.00N  | 17  | 30  | 52  | 61  | 81  | 90  | 85  | 83  | 84  | 81  | 74  | 46  |
| 8.00N  | 29  | 52  | 52  | 74  | 89  | 96  | 94  | 94  | 97  | 96  | 90  | 61  |
| 8.00N  | 69  | 82  | 70  | 88  | 95  | 100 | 87  | 89  | 90  | 95  | 86  | 71  |
| 7.00N  | 36  | 44  | 51  | 73  | 80  | 84  | 82  | 83  | 78  | 75  | 58  | 42  |
| 7.00N  | 19  | 38  | 46  | 60  | 81  | 91  | 86  | 94  | 87  | 91  | 83  | 53  |
| 7.00N  | 37  | 58  | 55  | 64  | 83  | 91  | 91  | 91  | 92  | 91  | 90  | 73  |
| 6.00N  | 38  | 55  | 66  | 80  | 86  | 92  | 79  | 85  | 83  | 83  | 84  | 45  |
| 6.00N  | 76  | 54  | 58  | 71  | 74  | 80  | 68  | 87  | 86  | 80  | 84  | 62  |
| 6.00N  | 44  | 59  | 47  | 69  | 77  | 89  | 89  | 90  | 88  | 86  | 84  | 73  |
| 6.00N  | 65  | 84  | 81  | 87  | 93  | 98  | 96  | 95  | 94  | 92  | 88  | 80  |

TABLE B-18 Days Favorable for Personnel Paratroop Operations (Ceiling > 1,500 ft, Visibility > 3 mi, wind speed < 13 kts), Selected Times

| 0000Z               |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| NELIZE INTL         | BZ | 29  | 27  | 29  | 28  | 28  | 27  | 28  | 30  | 30  | 30  | 29  | 29  |
| LIBERIA             | CS | 19  | 13  | 21  | 18  | 28  | 27  | 27  | 29  | 30  | 30  | 28  | 26  |
| LIMON               | CS | 28  | 27  | 30  | 28  | 30  | 29  | 30  | 29  | 29  | 30  | 28  | 29  |
| NICOYA              | CS | 27  | 24  | 27  | 27  | 30  | 29  | 30  | 30  | 28  | 29  | 29  | 31  |
| PUNTARENAS          | CS | 30  | 27  | 31  | 29  | 30  | 29  | 30  | 29  | 29  | 29  | 29  | 31  |
| SAN JOSE            | CS | 10  | 8   | 14  | 15  | 25  | 22  | 22  | 22  | 22  | 22  | 20  | 18  |
| ACAJUTLA            | ES | 30  | 27  | 30  | 29  | 30  | 30  | 30  | 30  | 28  | 30  | 29  | 31  |
| SAN SALVADOR        | ES | 28  | 25  | 28  | 28  | 29  | 29  | 30  | 30  | 29  | 30  | 28  | 29  |
| SANTA ANA           | ES | 30  | 28  | 30  | 29  | 30  | 28  | 30  | 31  | 30  | 31  | 29  | 31  |
| FLORES              | GU | 27  | 27  | 30  | 26  | 26  | 29  | 30  | 31  | 28  | 29  | 28  | 27  |
| GUATEMALA CITY      | GU | 22  | 17  | 22  | 14  | 21  | 25  | 24  | 23  | 21  | 25  | 22  | 21  |
| HUEHUETENANGO       | GU | 28  | 23  | 26  | 24  | 27  | 26  | 27  | 28  | 27  | 29  | 28  | 30  |
| POPTUN              | GU | 29  | 26  | 30  | 25  | 24  | 29  | 29  | 31  | 27  | 27  | 25  | 29  |
| PUERTO BARRIOS      | GU | 28  | 25  | 29  | 25  | 25  | 26  | 28  | 28  | 29  | 28  | 28  | 27  |
| RETALHULEU          | GU | 31  | 28  | 29  | 26  | 25  | 26  | 26  | 28  | 21  | 22  | 28  | 31  |
| SAN JOSE            | GU | 30  | 28  | 30  | 22  | 25  | 28  | 30  | 30  | 29  | 29  | 29  | 31  |
| CATACAMAS           | HO | 29  | 27  | 30  | 25  | 27  | 29  | 29  | 29  | 29  | 30  | 29  | 29  |
| CHOLUTECA           | HO | 29  | 25  | 29  | 25  | 25  | 27  | 29  | 30  | 28  | 29  | 29  | 28  |
| GUANAJA             | HO | 19  | 17  | 7   | 16  | 13  | 10  | 14  | 13  | 18  | 23  | 24  | 21  |
| ISLAS DEL CISNE     | HO | 24  | 23  | 22  | 22  | 23  | 23  | 26  | 28  | 26  | 28  | 26  | 25  |
| LA CEIBA            | HO | 28  | 26  | 28  | 24  | 27  | 23  | 24  | 27  | 28  | 27  | 27  | 26  |
| PUERTO LEMPIRA      | HO | 29  | 25  | 28  | 28  | 28  | 28  | 27  | 28  | 27  | 27  | 23  | 26  |
| SAN PEDRO SULA      | HO | 28  | 26  | 27  | 26  | 26  | 26  | 26  | 29  | 29  | 30  | 28  | 29  |
| TEGUCIGALPA         | HO | 29  | 24  | 29  | 24  | 27  | 26  | 28  | 29  | 28  | 28  | 28  | 29  |
| TELA                | HO | 29  | 25  | 28  | 27  | 26  | 25  | 29  | 30  | 29  | 28  | 27  | 28  |
| BLUEFIELDS          | NK | 28  | 26  | 28  | 28  | 29  | 24  | 27  | 28  | 28  | 29  | 28  | 28  |
| CHINANDEGA          | NK | 27  | 27  | 29  | 28  | 29  | 27  | 30  | 30  | 29  | 30  | 29  | 30  |
| JUIGALPA            | NK | 30  | 28  | 31  | 29  | 31  | 28  | 30  | 30  | 29  | 30  | 29  | 30  |
| MANAGUA             | NK | 29  | 26  | 30  | 27  | 29  | 28  | 29  | 29  | 29  | 30  | 29  | 30  |
| PUERTO CABEZAS      | NK | 24  | 24  | 25  | 22  | 26  | 20  | 21  | 28  | 27  | 27  | 24  | 26  |
| RIVAS               | NK | 24  | 24  | 28  | 29  | 30  | 27  | 29  | 30  | 29  | 30  | 28  | 29  |
| BOCAS DEL TORO INTL | PM | 30  | 27  | 30  | 29  | 30  | 29  | 30  | 31  | 30  | 30  | 29  | 31  |
| CHANGUINOLA INTL    | PM | 30  | 28  | 31  | 29  | 31  | 30  | 30  | 31  | 30  | 31  | 29  | 30  |
| DAVID               | PM | 25  | 20  | 25  | 28  | 29  | 26  | 28  | 28  | 25  | 27  | 26  | 30  |
| HOWARD AFB          | PM | 31  | 28  | 31  | 30  | 31  | 30  | 30  | 31  | 30  | 30  | 30  | 31  |
| LA PALMA            | PM | 30  | 28  | 30  | 30  | 30  | 29  | 31  | 31  | 30  | 30  | 29  | 31  |
| PANAMA CITY         | PM | 28  | 22  | 25  | 24  | 28  | 29  | 29  | 30  | 30  | 30  | 28  | 31  |
| PORVENIR            | PM | 16  | 16  | 21  | 23  | 29  | 27  | 29  | 30  | 27  | 28  | 26  | 23  |
| RIO HATO            | PM | 21  | 12  | 12  | 17  | 27  | 27  | 28  | 29  | 29  | 30  | 29  | 28  |
| SANTIAGO            | PM | 21  | 14  | 16  | 20  | 27  | 29  | 30  | 30  | 30  | 30  | 29  | 30  |
| TOCUMEN             | PM | 29  | 25  | 27  | 27  | 29  | 29  | 29  | 30  | 29  | 29  | 29  | 31  |

TABLE B-18, Cont'd

| 0600Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 29  | 26  | 29  | 27  | 30  | 28  | 28  | 30  | 27  | 27  | 26  | 27  |
| SAN JOSE        | CS | 12  | 10  | 15  | 18  | 26  | 26  | 24  | 24  | 26  | 25  | 24  | 19  |
| ACAJUTLA        | ES | 30  | 27  | 30  | 28  | 28  | 28  | 29  | 30  | 29  | 30  | 29  | 30  |
| SAN SALVADOR    | ES | 29  | 26  | 30  | 29  | 30  | 28  | 29  | 29  | 28  | 28  | 29  | 30  |
| GUATEMALA CITY  | GU | 18  | 17  | 20  | 16  | 20  | 17  | 18  | 17  | 16  | 20  | 16  | 18  |
| HUEHUETENANGO   | GU | 31  | 26  | 31  | 29  | 30  | 29  | 30  | 29  | 26  | 29  | 29  | 31  |
| PUERTO BARRIOS  | GU | 28  | 25  | 29  | 26  | 30  | 27  | 29  | 29  | 28  | 27  | 26  | 27  |
| SAN JOSE        | GU | 30  | 27  | 31  | 25  | 26  | 28  | 29  | 31  | 29  | 30  | 29  | 29  |
| CATACAMAS       | HO | 29  | 28  | 31  | 29  | 27  | 28  | 30  | 28  | 28  | 28  | 29  | 29  |
| CHOLUTECA       | HO | 25  | 24  | 29  | 26  | 28  | 28  | 30  | 30  | 27  | 30  | 28  | 29  |
| ISLAS DEL CISNE | HO | 24  | 22  | 22  | 22  | 22  | 22  | 29  | 29  | 25  | 29  | 27  | 25  |
| SAN PEDRO SULA  | HO | 29  | 28  | 30  | 27  | 28  | 28  | 30  | 31  | 29  | 30  | 29  | 29  |
| TEGUCIGALPA     | HO | 30  | 27  | 30  | 27  | 29  | 30  | 30  | 29  | 30  | 30  | 28  | 30  |
| TELA            | HO | 28  | 25  | 29  | 29  | 27  | 28  | 30  | 30  | 30  | 27  | 28  | 29  |
| MANAGUA         | NK | 31  | 28  | 30  | 29  | 30  | 30  | 30  | 31  | 30  | 30  | 29  | 31  |
| HOWARD AFB      | PH | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 30  | 30  | 31  |
| TOCUMEN         | PH | 31  | 28  | 31  | 29  | 30  | 29  | 31  | 30  | 29  | 30  | 30  | 31  |

| 1200Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 25  | 22  | 28  | 27  | 29  | 25  | 28  | 28  | 25  | 23  | 23  | 26  |
| LIMON           | CS | 28  | 25  | 30  | 27  | 29  | 28  | 29  | 30  | 30  | 30  | 28  | 28  |
| NICOYA          | CS | 29  | 26  | 30  | 28  | 28  | 27  | 28  | 25  | 21  | 22  | 26  | 29  |
| PUNTARENAS      | CS | 31  | 28  | 31  | 30  | 30  | 30  | 30  | 29  | 29  | 30  | 29  | 31  |
| SAN JOSE        | CS | 11  | 12  | 15  | 17  | 27  | 25  | 23  | 25  | 27  | 28  | 24  | 20  |
| ACAJUTLA        | ES | 30  | 27  | 31  | 29  | 30  | 30  | 30  | 30  | 30  | 30  | 29  | 31  |
| SAN SALVADOR    | ES | 29  | 26  | 29  | 27  | 27  | 24  | 28  | 25  | 22  | 24  | 26  | 29  |
| SANTA ANA       | ES | 30  | 28  | 30  | 30  | 30  | 27  | 30  | 29  | 27  | 31  | 30  | 30  |
| FLORES          | GU | 14  | 18  | 23  | 22  | 20  | 24  | 23  | 19  | 20  | 14  | 15  | 15  |
| GUATEMALA CITY  | GU | 17  | 16  | 16  | 13  | 17  | 20  | 21  | 19  | 19  | 22  | 19  | 19  |
| HUEHUETENANGO   | GU | 19  | 18  | 24  | 22  | 18  | 23  | 22  | 22  | 20  | 22  | 16  | 16  |
| POPTUN          | GU | 21  | 23  | 26  | 20  | 20  | 27  | 25  | 23  | 20  | 14  | 14  | 22  |
| PUERTO BARRIOS  | GU | 24  | 23  | 27  | 24  | 24  | 28  | 28  | 27  | 28  | 27  | 24  | 24  |
| RETALHULEU      | GU | 31  | 27  | 29  | 16  | 20  | 28  | 30  | 30  | 29  | 30  | 29  | 31  |
| SAN JOSE        | GU | 26  | 26  | 26  | 17  | 18  | 29  | 30  | 30  | 29  | 30  | 28  | 27  |
| CATACAMAS       | HO | 27  | 26  | 30  | 29  | 27  | 28  | 29  | 29  | 27  | 27  | 28  | 28  |
| CHOLUTECA       | HO | 25  | 22  | 28  | 24  | 24  | 29  | 29  | 30  | 27  | 29  | 28  | 27  |
| ISLAS DEL CISNE | HO | 25  | 23  | 22  | 22  | 23  | 22  | 27  | 28  | 26  | 28  | 26  | 25  |
| SAN PEDRO SULA  | HO | 28  | 27  | 29  | 27  | 28  | 28  | 30  | 30  | 30  | 29  | 27  | 28  |
| TEGUCIGALPA     | HO | 29  | 26  | 30  | 25  | 26  | 27  | 28  | 28  | 25  | 27  | 27  | 27  |
| TELA            | HO | 29  | 25  | 29  | 28  | 27  | 28  | 30  | 31  | 30  | 28  | 28  | 28  |

TABLE B-18, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |    |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| BLUEFIELDS          | NK  | 25  | 25  | 28  | 28  | 27  | 26  | 26  | 24  | 26  | 29  | 26  | 27 |
| MANAGUA             | NK  | 30  | 27  | 31  | 29  | 30  | 30  | 30  | 30  | 29  | 30  | 29  | 31 |
| PUERTO CABEZAS      | NK  | 23  | 23  | 25  | 24  | 24  | 21  | 19  | 26  | 28  | 27  | 26  | 26 |
| RIVAS               | NK  | 20  | 21  | 28  | 26  | 31  | 28  | 26  | 29  | 29  | 30  | 29  | 27 |
| BOCAS DEL TORO INTL | PH  | 30  | 27  | 30  | 30  | 30  | 30  | 29  | 30  | 30  | 30  | 28  | 30 |
| CHANGUINOLA INTL    | PH  | 30  | 28  | 30  | 29  | 31  | 30  | 30  | 31  | 30  | 29  | 30  | 30 |
| DAVID               | PH  | 30  | 27  | 29  | 29  | 30  | 30  | 30  | 30  | 28  | 29  | 27  | 31 |
| FORT SHERMAN        | PH  | 27  | 25  | 29  | 25  | 27  | 21  | 22  | 20  | 25  | 26  | 22  | 26 |
| HOWARD AFB          | PH  | 31  | 28  | 31  | 30  | 30  | 30  | 30  | 30  | 30  | 31  | 29  | 31 |
| PANAMA CITY         | PH  | 30  | 27  | 31  | 30  | 30  | 29  | 31  | 30  | 29  | 30  | 29  | 31 |
| PORVENIR            | PH  | 14  | 11  | 16  | 18  | 25  | 28  | 26  | 28  | 26  | 22  | 22  | 15 |
| RIO HATO            | PH  | 29  | 26  | 30  | 29  | 30  | 30  | 30  | 31  | 30  | 31  | 29  | 31 |
| TOCUMEN             | PH  | 31  | 27  | 31  | 27  | 30  | 29  | 30  | 30  | 30  | 30  | 29  | 31 |

|                |            | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |    |
|----------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 1800Z          |            |     |     |     |     |     |     |     |     |     |     |     |     |    |
| BELIZE INTL    | BZ         | 29  | 24  | 27  | 26  | 25  | 23  | 25  | 26  | 28  | 27  | 26  | 25  |    |
|                | CS         | 13  | 13  | 10  | 13  | 23  | 24  | 21  | 24  | 27  | 28  | 26  | 16  |    |
|                | CS         | 28  | 26  | 29  | 27  | 30  | 29  | 29  | 29  | 29  | 29  | 28  | 28  |    |
|                | CS         | 23  | 23  | 26  | 27  | 30  | 29  | 30  | 30  | 29  | 29  | 28  | 27  |    |
|                | CS         | 29  | 26  | 30  | 29  | 30  | 29  | 31  | 30  | 29  | 29  | 29  | 30  |    |
|                | CS         | 4   | 4   | 7   | 10  | 20  | 20  | 17  | 19  | 20  | 23  | 19  | 10  |    |
|                | ES         | 30  | 27  | 30  | 27  | 29  | 29  | 30  | 30  | 30  | 30  | 30  | 29  |    |
|                | ES         | 26  | 24  | 29  | 29  | 29  | 28  | 30  | 30  | 27  | 29  | 25  | 27  |    |
|                | ES         | 31  | 26  | 30  | 29  | 31  | 29  | 30  | 31  | 30  | 30  | 29  | 30  |    |
|                | GU         | 27  | 24  | 29  | 27  | 26  | 29  | 30  | 30  | 29  | 28  | 28  | 26  |    |
| GUATEMALA CITY | GU         | 19  | 17  | 24  | 21  | 24  | 26  | 25  | 25  | 25  | 24  | 20  | 19  |    |
|                | GU         | 28  | 26  | 29  | 27  | 29  | 28  | 28  | 28  | 29  | 28  | 27  | 28  |    |
|                | GU         | 25  | 24  | 23  | 23  | 27  | 25  | 25  | 27  | 25  | 21  | 26  | 26  |    |
|                | GU         | 26  | 24  | 26  | 25  | 27  | 28  | 29  | 29  | 28  | 27  | 26  | 28  |    |
|                | GU         | 30  | 27  | 30  | 26  | 28  | 28  | 30  | 30  | 29  | 27  | 30  | 31  |    |
|                | GU         | 30  | 27  | 28  | 21  | 22  | 28  | 30  | 30  | 28  | 29  | 29  | 30  |    |
|                | CATACAMAS  | HO  | 30  | 26  | 28  | 26  | 29  | 28  | 27  | 29  | 30  | 29  | 28  | 29 |
|                |            | HO  | 23  | 22  | 26  | 20  | 27  | 29  | 29  | 30  | 29  | 29  | 24  | 22 |
|                |            | HO  | 23  | 21  | 21  | 23  | 26  | 22  | 26  | 26  | 27  | 27  | 24  | 23 |
|                |            | HO  | 22  | 20  | 18  | 19  | 19  | 20  | 23  | 27  | 24  | 27  | 24  | 24 |
| HO             |            | 28  | 26  | 30  | 25  | 27  | 27  | 29  | 29  | 29  | 27  | 27  | 29  |    |
| HO             |            | 26  | 23  | 30  | 27  | 28  | 27  | 28  | 27  | 28  | 24  | 24  | 26  |    |
| HO             |            | 30  | 25  | 29  | 25  | 27  | 29  | 31  | 31  | 30  | 28  | 28  | 29  |    |
| HO             |            | 25  | 22  | 26  | 25  | 27  | 28  | 28  | 29  | 28  | 27  | 22  | 25  |    |
| HO             |            | 27  | 25  | 29  | 27  | 23  | 28  | 29  | 30  | 30  | 29  | 27  | 28  |    |
| HO             |            | 23  | 23  | 23  | 26  | 28  | 23  | 21  | 24  | 24  | 26  | 23  | 24  |    |
| CHINANDEGA     | NK         | 23  | 22  | 25  | 27  | 28  | 28  | 29  | 30  | 29  | 29  | 28  | 28  |    |
|                | NK         | 28  | 27  | 30  | 28  | 31  | 29  | 30  | 30  | 29  | 30  | 28  | 28  |    |
|                | NK         | 22  | 21  | 23  | 24  | 28  | 28  | 26  | 29  | 29  | 29  | 29  | 27  |    |
|                | NK         | 22  | 21  | 22  | 21  | 26  | 18  | 16  | 23  | 25  | 24  | 22  | 24  |    |
|                | NK         | 18  | 15  | 22  | 23  | 30  | 27  | 24  | 26  | 28  | 28  | 27  | 22  |    |
|                | BLUEFIELDS | NK  | 23  | 23  | 23  | 26  | 28  | 23  | 21  | 24  | 24  | 26  | 23  | 24 |
|                |            | NK  | 23  | 22  | 25  | 27  | 28  | 28  | 29  | 30  | 29  | 29  | 28  | 28 |
|                |            | NK  | 28  | 27  | 30  | 28  | 31  | 29  | 30  | 30  | 29  | 30  | 28  | 28 |
|                |            | NK  | 22  | 21  | 23  | 24  | 28  | 28  | 26  | 29  | 29  | 29  | 29  | 27 |
|                |            | NK  | 22  | 21  | 22  | 21  | 26  | 18  | 16  | 23  | 25  | 24  | 22  | 24 |
| NK             |            | 18  | 15  | 22  | 23  | 30  | 27  | 24  | 26  | 28  | 28  | 27  | 22  |    |

TABLE B-18, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BOCAS DEL TORO INTL | 30  | 27  | 30  | 29  | 30  | 29  | 30  | 30  | 29  | 29  | 28  | 29  |
| CHANGUINOLA INTL    | 30  | 27  | 30  | 29  | 30  | 29  | 30  | 30  | 30  | 29  | 29  | 29  |
| DAVID               | 22  | 19  | 25  | 25  | 29  | 29  | 30  | 29  | 28  | 27  | 27  | 29  |
| FORT SHERMAN        | 30  | 27  | 29  | 27  | 27  | 22  | 23  | 25  | 26  | 24  | 24  | 28  |
| HOWARD AFB          | 28  | 23  | 25  | 28  | 30  | 29  | 30  | 30  | 29  | 29  | 29  | 30  |
| JAUQUE              | 30  | 27  | 30  | 30  | 30  | 29  | 29  | 30  | 29  | 29  | 30  | 30  |
| LA PALMA            | 30  | 27  | 30  | 29  | 31  | 29  | 31  | 31  | 29  | 29  | 29  | 30  |
| PANAMA CITY         | 25  | 22  | 23  | 26  | 30  | 29  | 30  | 30  | 28  | 28  | 26  | 29  |
| PORVENIR            | 14  | 14  | 18  | 21  | 28  | 27  | 29  | 30  | 27  | 26  | 25  | 18  |
| RIO HATO            | 18  | 17  | 19  | 23  | 30  | 29  | 28  | 30  | 29  | 30  | 28  | 27  |
| SANTIAGO            | 21  | 21  | 23  | 23  | 30  | 29  | 31  | 30  | 29  | 29  | 29  | 29  |
| TOCUMEN             | 20  | 17  | 20  | 21  | 28  | 28  | 29  | 29  | 27  | 27  | 28  | 26  |

TABLE B-19 Days Favorable for Equipment Paratroop Operations (Ceiling > 1,500 ft, Visibility > 3 mi, Wind Speed < 17 kts), Selected Times

| 0000Z               |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL         | BZ | 30  | 27  | 30  | 29  | 29  | 29  | 30  | 31  | 30  | 30  | 29  | 29  |
| LIBERIA             | CS | 21  | 15  | 24  | 20  | 30  | 28  | 28  | 30  | 30  | 30  | 29  | 27  |
| LIMON               | CS | 29  | 27  | 30  | 29  | 30  | 30  | 30  | 30  | 29  | 30  | 28  | 29  |
| NICOYA              | CS | 30  | 27  | 30  | 29  | 31  | 29  | 30  | 30  | 28  | 29  | 29  | 31  |
| PUNTARENAS          | CS | 31  | 28  | 31  | 30  | 30  | 29  | 30  | 29  | 29  | 30  | 29  | 31  |
| SAN JOSE            | CS | 15  | 12  | 19  | 20  | 26  | 23  | 25  | 24  | 22  | 23  | 22  | 22  |
| ACAJUTLA            | ES | 31  | 28  | 31  | 30  | 30  | 30  | 31  | 31  | 29  | 31  | 30  | 31  |
| SAN SALVADOR        | ES | 30  | 27  | 30  | 29  | 30  | 29  | 30  | 30  | 29  | 30  | 30  | 30  |
| SANTA ANA           | ES | 30  | 28  | 31  | 30  | 30  | 28  | 30  | 31  | 30  | 31  | 29  | 31  |
| FLORES              | GU | 28  | 27  | 30  | 26  | 26  | 30  | 31  | 31  | 28  | 29  | 28  | 27  |
| GUATEMALA CITY      | GU | 27  | 23  | 27  | 19  | 23  | 26  | 29  | 25  | 23  | 27  | 26  | 26  |
| HUEHUETENANGO       | GU | 30  | 27  | 30  | 28  | 28  | 28  | 30  | 30  | 27  | 30  | 29  | 31  |
| POPTUN              | GU | 29  | 27  | 31  | 25  | 25  | 29  | 30  | 31  | 27  | 27  | 25  | 29  |
| PUERTO BARRIOS      | GU | 28  | 26  | 29  | 27  | 26  | 27  | 29  | 29  | 29  | 29  | 28  | 28  |
| RETALHULEU          | GU | 31  | 28  | 29  | 26  | 25  | 26  | 26  | 28  | 22  | 23  | 28  | 31  |
| SAN JOSE            | GU | 31  | 28  | 30  | 22  | 25  | 28  | 30  | 30  | 29  | 29  | 29  | 31  |
| CATACAMAS           | HO | 30  | 28  | 30  | 27  | 28  | 29  | 30  | 30  | 29  | 31  | 30  | 30  |
| CHOLUTECA           | HO | 30  | 27  | 30  | 26  | 26  | 28  | 29  | 30  | 28  | 29  | 30  | 30  |
| GUANAJA             | HO | 26  | 20  | 14  | 22  | 14  | 13  | 19  | 19  | 21  | 27  | 27  | 24  |
| ISLAS DEL CISNE     | HO | 29  | 27  | 29  | 28  | 29  | 28  | 29  | 30  | 27  | 29  | 29  | 30  |
| LA CEIBA            | HO | 29  | 27  | 28  | 26  | 28  | 25  | 27  | 29  | 29  | 27  | 27  | 26  |
| PUERTO LEMPIRA      | HO | 29  | 24  | 29  | 29  | 30  | 29  | 29  | 30  | 29  | 28  | 25  | 29  |
| SAN PEDRO SULA      | HO | 29  | 27  | 29  | 28  | 28  | 28  | 30  | 31  | 29  | 30  | 28  | 30  |
| TEGUCIGALPA         | HO | 30  | 27  | 30  | 25  | 27  | 27  | 30  | 29  | 28  | 29  | 29  | 30  |
| TELA                | HO | 29  | 26  | 29  | 27  | 26  | 26  | 30  | 30  | 29  | 28  | 27  | 28  |
| BLUEFIELDS          | NK | 29  | 28  | 29  | 29  | 29  | 25  | 28  | 28  | 28  | 29  | 28  | 29  |
| CHINANDEGA          | NK | 29  | 27  | 31  | 30  | 30  | 28  | 31  | 31  | 30  | 30  | 30  | 31  |
| JUIGALPA            | NK | 31  | 28  | 31  | 30  | 31  | 29  | 31  | 30  | 29  | 31  | 30  | 31  |
| MANAGUA             | NK | 31  | 28  | 31  | 29  | 30  | 29  | 30  | 30  | 29  | 31  | 30  | 31  |
| PUERTO CABEZAS      | NK | 28  | 26  | 29  | 27  | 29  | 25  | 26  | 30  | 29  | 28  | 26  | 29  |
| RIVAS               | NK | 29  | 27  | 31  | 30  | 30  | 29  | 31  | 31  | 30  | 31  | 29  | 31  |
| BOCAS DEL TORO INTL | PM | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 29  | 31  |
| CHANGUINOLA INTL    | PM | 30  | 28  | 31  | 29  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
| DAVID               | PM | 27  | 21  | 28  | 28  | 29  | 26  | 28  | 28  | 26  | 27  | 26  | 30  |
| HOWARD AFB          | PM | 31  | 28  | 31  | 30  | 31  | 30  | 30  | 31  | 30  | 31  | 30  | 31  |
| LA PALMA            | PM | 31  | 28  | 31  | 30  | 30  | 30  | 31  | 31  | 30  | 31  | 29  | 31  |
| PANAMA CITY         | PM | 30  | 27  | 28  | 29  | 30  | 30  | 31  | 31  | 30  | 30  | 30  | 31  |
| PORVENIR            | PM | 25  | 24  | 27  | 28  | 31  | 30  | 31  | 31  | 29  | 31  | 29  | 28  |
| RIO HATO            | PM | 28  | 23  | 21  | 23  | 29  | 30  | 30  | 30  | 30  | 31  | 30  | 31  |
| SANTIAGO            | PM | 28  | 23  | 25  | 26  | 30  | 30  | 31  | 31  | 30  | 30  | 30  | 31  |
| TOCUMEN             | PM | 31  | 28  | 30  | 29  | 30  | 29  | 30  | 30  | 29  | 29  | 29  | 31  |

TABLE B-19, Cont'd

| 0600Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 29  | 26  | 29  | 28  | 30  | 28  | 30  | 31  | 27  | 27  | 27  | 27  |
| SAN JOSE        | CS | 16  | 14  | 18  | 20  | 27  | 27  | 25  | 26  | 26  | 26  | 25  | 22  |
| ACAJUTLA        | ES | 31  | 28  | 31  | 29  | 28  | 28  | 30  | 30  | 29  | 31  | 30  | 31  |
| SAN SALVADOR    | ES | 30  | 28  | 30  | 29  | 30  | 29  | 29  | 29  | 28  | 29  | 29  | 31  |
| GUATEMALA CITY  | GU | 21  | 19  | 22  | 17  | 20  | 17  | 20  | 18  | 16  | 20  | 18  | 19  |
| HUEHUETENANGO   | GU | 31  | 27  | 31  | 29  | 30  | 29  | 31  | 29  | 26  | 29  | 29  | 31  |
| PUERTO BARRIOS  | GU | 29  | 26  | 29  | 27  | 30  | 27  | 29  | 29  | 29  | 28  | 26  | 27  |
| SAN JOSE        | GU | 30  | 27  | 31  | 25  | 27  | 28  | 30  | 31  | 29  | 31  | 29  | 30  |
| CATACAMAS       | HO | 29  | 28  | 31  | 29  | 28  | 28  | 30  | 28  | 29  | 29  | 29  | 30  |
| CHOLUTEC        | HO | 28  | 26  | 30  | 26  | 28  | 28  | 31  | 30  | 27  | 30  | 29  | 30  |
| ISLAS DEL CISNE | HO | 29  | 27  | 28  | 28  | 27  | 28  | 30  | 31  | 28  | 30  | 30  | 30  |
| SAN PEDRO SULA  | HO | 29  | 28  | 31  | 27  | 29  | 29  | 31  | 31  | 30  | 30  | 29  | 29  |
| TEGUCIGALPA     | HO | 30  | 28  | 30  | 27  | 29  | 29  | 31  | 31  | 29  | 30  | 29  | 30  |
| TELA            | HO | 29  | 25  | 30  | 29  | 27  | 28  | 31  | 30  | 30  | 27  | 28  | 29  |
| MANAGUA         | NK | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 30  | 30  | 31  |
| HOWARD AFB      | PM | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
| TOCUMEN         | PH | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |

| 1200Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 25  | 23  | 29  | 27  | 29  | 26  | 29  | 28  | 25  | 23  | 23  | 27  |
| LIMON           | CS | 28  | 26  | 30  | 28  | 30  | 28  | 29  | 30  | 30  | 31  | 29  | 28  |
| NICOYA          | CS | 30  | 28  | 31  | 29  | 28  | 27  | 28  | 25  | 21  | 22  | 26  | 29  |
| PUNTARENAS      | CS | 31  | 28  | 31  | 30  | 30  | 30  | 30  | 31  | 29  | 30  | 29  | 31  |
| SAN JOSE        | CS | 17  | 15  | 20  | 21  | 29  | 27  | 26  | 27  | 28  | 29  | 26  | 23  |
| ACAJUTLA        | ES | 30  | 27  | 31  | 29  | 30  | 30  | 30  | 31  | 30  | 31  | 30  | 31  |
| SAN SALVADOR    | ES | 30  | 27  | 29  | 28  | 27  | 24  | 28  | 25  | 22  | 24  | 28  | 30  |
| SANTA ANA       | ES | 30  | 28  | 30  | 30  | 31  | 27  | 30  | 29  | 27  | 31  | 30  | 30  |
| FLORES          | GU | 14  | 19  | 23  | 22  | 20  | 24  | 23  | 20  | 20  | 14  | 15  | 15  |
| GUATEMALA CITY  | GU | 19  | 18  | 17  | 14  | 17  | 20  | 22  | 20  | 19  | 22  | 21  | 21  |
| HUEHUETENANGO   | GU | 20  | 18  | 24  | 22  | 18  | 23  | 22  | 22  | 20  | 22  | 16  | 16  |
| POPTUN          | GU | 21  | 23  | 27  | 22  | 20  | 27  | 25  | 23  | 20  | 14  | 14  | 22  |
| PUERTO BARRIOS  | GU | 25  | 24  | 27  | 25  | 24  | 28  | 28  | 27  | 28  | 27  | 25  | 25  |
| RETALHULEU      | GU | 31  | 28  | 29  | 17  | 21  | 28  | 31  | 31  | 29  | 30  | 29  | 31  |
| SAN JOSE        | GU | 26  | 26  | 26  | 17  | 18  | 29  | 30  | 30  | 29  | 30  | 28  | 27  |
| CATACAMAS       | HO | 27  | 27  | 31  | 29  | 27  | 28  | 30  | 29  | 27  | 28  | 29  | 28  |
| CHOLUTEC        | HO | 28  | 25  | 30  | 25  | 24  | 29  | 30  | 30  | 28  | 29  | 29  | 29  |
| ISLAS DEL CISNE | HO | 30  | 27  | 28  | 29  | 29  | 28  | 30  | 30  | 28  | 29  | 28  | 29  |
| SAN PEDRO SULA  | HO | 28  | 27  | 29  | 27  | 28  | 28  | 30  | 30  | 30  | 29  | 27  | 29  |
| TEGUCIGALPA     | HO | 30  | 27  | 31  | 26  | 26  | 27  | 29  | 28  | 25  | 27  | 27  | 28  |
| TELA            | HO | 30  | 25  | 29  | 28  | 27  | 28  | 30  | 31  | 30  | 28  | 28  | 28  |

TABLE B-19, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |    |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| BLUEFIELDS          | NK  | 27  | 27  | 29  | 29  | 28  | 26  | 27  | 24  | 26  | 29  | 26  | 27 |
| HANAGUA             | NK  | 31  | 28  | 31  | 30  | 30  | 30  | 31  | 30  | 29  | 31  | 30  | 31 |
| PUERTO CABEZAS      | NK  | 24  | 25  | 29  | 27  | 26  | 24  | 25  | 28  | 28  | 28  | 26  | 27 |
| RIVAS               | NK  | 28  | 25  | 30  | 28  | 31  | 29  | 28  | 30  | 30  | 30  | 30  | 30 |
| BOCAS DEL TORO INTL | PM  | 31  | 28  | 30  | 30  | 30  | 30  | 31  | 31  | 30  | 31  | 28  | 30 |
| CHANGUINOLA INTL    | PM  | 30  | 28  | 30  | 29  | 31  | 30  | 31  | 31  | 30  | 31  | 29  | 30 |
| DAVIO               | PM  | 30  | 28  | 30  | 30  | 31  | 30  | 30  | 30  | 28  | 29  | 27  | 31 |
| FORT SHERMAN        | PM  | 27  | 26  | 29  | 25  | 27  | 21  | 22  | 20  | 25  | 26  | 22  | 26 |
| HOWARD AFB          | PM  | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31 |
| PANAMA CITY         | PM  | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31 |
| PORVENIR            | PM  | 22  | 19  | 23  | 26  | 30  | 30  | 29  | 30  | 29  | 30  | 27  | 24 |
| RIO HATO            | PM  | 31  | 27  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31 |
| TOCUMEN             | PM  | 31  | 28  | 31  | 30  | 30  | 29  | 31  | 30  | 30  | 30  | 30  | 31 |

## 1800Z

| 1800Z                                                                                                                       |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL                                                                                                                 | BZ | 30  | 26  | 30  | 29  | 29  | 28  | 30  | 30  | 29  | 28  | 28  | 27  |
| LIBERIA<br>LLIMON<br>NICOYA<br>PUNTARENAS<br>SAN JOSE                                                                       | CS | 16  | 13  | 16  | 17  | 26  | 26  | 27  | 26  | 29  | 30  | 29  | 21  |
|                                                                                                                             | CS | 29  | 27  | 31  | 28  | 30  | 29  | 30  | 29  | 30  | 30  | 29  | 29  |
|                                                                                                                             | CS | 29  | 27  | 29  | 30  | 31  | 30  | 31  | 30  | 29  | 30  | 29  | 30  |
|                                                                                                                             | CS | 31  | 27  | 31  | 29  | 31  | 30  | 31  | 31  | 29  | 31  | 30  | 31  |
|                                                                                                                             | CS | 8   | 7   | 13  | 16  | 25  | 24  | 20  | 23  | 25  | 28  | 23  | 16  |
| ACAJUTLA<br>SAN SALVADOR<br>SANTA ANA                                                                                       | ES | 31  | 28  | 31  | 29  | 29  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
|                                                                                                                             | ES | 29  | 26  | 30  | 30  | 30  | 28  | 31  | 30  | 28  | 30  | 28  | 30  |
|                                                                                                                             | ES | 31  | 27  | 31  | 30  | 31  | 29  | 30  | 31  | 30  | 31  | 30  | 31  |
| FLORES<br>GUATEMALA CITY<br>HUEHUETENANGO<br>POPTUN<br>PUERTO BARRIOS<br>RETALHULEU<br>SAN JOSE                             | GU | 27  | 24  | 30  | 27  | 26  | 29  | 31  | 31  | 29  | 29  | 28  | 26  |
|                                                                                                                             | GU | 24  | 22  | 29  | 25  | 28  | 28  | 29  | 28  | 28  | 29  | 26  | 26  |
|                                                                                                                             | GU | 29  | 28  | 30  | 29  | 29  | 30  | 31  | 30  | 30  | 28  | 30  | 30  |
|                                                                                                                             | GU | 27  | 27  | 27  | 25  | 27  | 26  | 27  | 29  | 26  | 23  | 27  | 27  |
|                                                                                                                             | GU | 27  | 26  | 29  | 27  | 28  | 29  | 30  | 30  | 29  | 29  | 28  | 28  |
|                                                                                                                             | GU | 30  | 28  | 30  | 26  | 28  | 29  | 31  | 30  | 29  | 28  | 30  | 31  |
|                                                                                                                             | GU | 31  | 28  | 30  | 22  | 23  | 29  | 30  | 31  | 29  | 31  | 30  | 31  |
| CATACAMAS<br>CHOLUTECA<br>GUANAJA<br>ISLAS DEL CISNE<br>LA CEIBA<br>PUERTO LEMPIRA<br>SAN PEDRO SULA<br>TEGUCIGALPA<br>TELA | HO | 30  | 28  | 30  | 28  | 30  | 29  | 30  | 30  | 30  | 31  | 29  | 30  |
|                                                                                                                             | HO | 27  | 25  | 28  | 23  | 28  | 29  | 30  | 31  | 29  | 30  | 27  | 27  |
|                                                                                                                             | HO | 27  | 24  | 25  | 25  | 28  | 25  | 28  | 27  | 29  | 28  | 25  | 27  |
|                                                                                                                             | HO | 28  | 27  | 29  | 27  | 29  | 29  | 29  | 30  | 28  | 30  | 27  | 30  |
|                                                                                                                             | HO | 28  | 27  | 30  | 26  | 27  | 27  | 30  | 31  | 29  | 29  | 27  | 29  |
|                                                                                                                             | HO | 28  | 25  | 30  | 28  | 29  | 29  | 29  | 29  | 29  | 27  | 26  | 29  |
|                                                                                                                             | HO | 31  | 26  | 29  | 26  | 28  | 29  | 31  | 31  | 30  | 29  | 29  | 29  |
|                                                                                                                             | HO | 29  | 26  | 30  | 26  | 28  | 29  | 30  | 30  | 30  | 30  | 28  | 30  |
|                                                                                                                             | HO | 28  | 26  | 30  | 28  | 24  | 28  | 31  | 31  | 30  | 29  | 28  | 28  |
| BLUEFIELDS<br>CHINANDEGA<br>JUIGALPA<br>MANAGUA<br>PUERTO CABEZAS<br>PIVAS                                                  | NK | 28  | 27  | 27  | 28  | 28  | 24  | 24  | 25  | 25  | 28  | 25  | 26  |
|                                                                                                                             | NK | 28  | 27  | 29  | 29  | 30  | 29  | 30  | 31  | 29  | 31  | 29  | 30  |
|                                                                                                                             | NK | 31  | 28  | 31  | 29  | 31  | 29  | 31  | 31  | 30  | 31  | 30  | 31  |
|                                                                                                                             | NK | 29  | 27  | 29  | 29  | 30  | 30  | 29  | 30  | 30  | 30  | 30  | 30  |
|                                                                                                                             | NK | 29  | 26  | 29  | 28  | 29  | 25  | 26  | 30  | 28  | 30  | 26  | 28  |
|                                                                                                                             | NK | 25  | 22  | 27  | 28  | 31  | 30  | 29  | 30  | 30  | 31  | 29  | 28  |

TABLE B-19, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BOCAS DEL TORO INTL | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 29  | 30  |
| CHANGUINOLA INTL    | 30  | 28  | 30  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 30  |
| DAVID               | 24  | 22  | 26  | 27  | 30  | 30  | 30  | 29  | 28  | 30  | 28  | 30  |
| FORT SHERMAN        | 30  | 28  | 30  | 27  | 27  | 22  | 23  | 25  | 26  | 25  | 24  | 28  |
| HOWARD AFB          | 31  | 28  | 30  | 30  | 31  | 30  | 31  | 31  | 30  | 30  | 29  | 30  |
| JAUQUE              | 31  | 28  | 31  | 30  | 30  | 29  | 29  | 31  | 29  | 30  | 30  | 31  |
| LA PALMA            | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
| PANAMA CITY         | 29  | 25  | 27  | 29  | 31  | 30  | 31  | 31  | 30  | 30  | 29  | 31  |
| PORVENIR            | 23  | 22  | 27  | 28  | 30  | 30  | 31  | 31  | 29  | 30  | 29  | 27  |
| RIO HATO            | 27  | 23  | 25  | 27  | 30  | 30  | 30  | 31  | 30  | 31  | 29  | 30  |
| SANTIAGO            | 25  | 25  | 29  | 28  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 30  |
| TOCUMEN             | 25  | 23  | 26  | 26  | 30  | 29  | 30  | 30  | 28  | 29  | 29  | 29  |

TABLE B-20 Days Favorable for Container Paratroop Operations (Ceiling > 1,500 ft, Visibility > 3 mi, Wind Speed < 21 kts), Selected Times

| 0000Z               |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL         | BZ | 30  | 28  | 30  | 29  | 29  | 29  | 30  | 31  | 30  | 30  | 29  | 29  |
| LIBERIA             | CS | 29  | 23  | 30  | 26  | 30  | 29  | 30  | 30  | 30  | 30  | 29  | 31  |
| LIMON               | CS | 29  | 27  | 30  | 29  | 30  | 30  | 30  | 30  | 29  | 30  | 28  | 29  |
| NICOYA              | CS | 31  | 28  | 31  | 29  | 31  | 29  | 30  | 30  | 28  | 29  | 29  | 31  |
| PUNTARENAS          | CS | 31  | 28  | 31  | 30  | 29  | 29  | 30  | 29  | 29  | 30  | 29  | 31  |
| SAN JOSE            | CS | 26  | 23  | 28  | 28  | 27  | 24  | 28  | 25  | 23  | 23  | 24  | 28  |
| ACAJUTLA            | ES | 31  | 28  | 31  | 30  | 30  | 30  | 31  | 31  | 29  | 31  | 30  | 31  |
| SAN SALVADOR        | ES | 31  | 28  | 31  | 29  | 30  | 29  | 30  | 30  | 29  | 30  | 30  | 31  |
| SANTA ANA           | ES | 31  | 28  | 31  | 30  | 30  | 28  | 31  | 31  | 30  | 31  | 29  | 31  |
| FLORES              | GU | 28  | 27  | 30  | 27  | 26  | 30  | 31  | 31  | 28  | 29  | 28  | 27  |
| GUATEMALA CITY      | GU | 30  | 27  | 29  | 21  | 23  | 27  | 30  | 27  | 23  | 27  | 28  | 29  |
| HUEHUETENANGO       | GU | 31  | 28  | 31  | 29  | 28  | 28  | 30  | 30  | 27  | 30  | 29  | 31  |
| POPTUN              | GU | 29  | 27  | 31  | 25  | 25  | 30  | 30  | 31  | 27  | 27  | 25  | 29  |
| PUERTO BARRIOS      | GU | 29  | 26  | 30  | 27  | 26  | 27  | 29  | 29  | 29  | 29  | 28  | 28  |
| RETALHULEU          | GU | 31  | 28  | 30  | 26  | 25  | 26  | 26  | 28  | 22  | 23  | 28  | 31  |
| SAN JOSE            | GU | 31  | 28  | 30  | 22  | 25  | 28  | 30  | 30  | 29  | 29  | 29  | 31  |
| CATACAMAS           | HO | 30  | 28  | 31  | 27  | 29  | 29  | 30  | 30  | 29  | 30  | 30  | 31  |
| CHOLUTECA           | HO | 31  | 28  | 31  | 28  | 26  | 25  | 23  | 24  | 28  | 29  | 30  | 31  |
| GUANAJA             | HO | 28  | 26  | 28  | 26  | 25  | 23  | 29  | 28  | 27  | 29  | 28  | 28  |
| ISLAS DEL CISNE     | HO | 30  | 28  | 30  | 30  | 30  | 29  | 30  | 30  | 28  | 29  | 29  | 30  |
| LA CEIBA            | HO | 29  | 27  | 29  | 27  | 28  | 27  | 30  | 30  | 29  | 28  | 27  | 26  |
| PUERTO LEMPIRA      | HO | 30  | 26  | 30  | 30  | 30  | 29  | 29  | 30  | 29  | 28  | 26  | 29  |
| SAN PEDRO SULA      | HO | 29  | 27  | 29  | 28  | 28  | 28  | 30  | 31  | 30  | 30  | 29  | 30  |
| TEGUCIGALPA         | HO | 31  | 28  | 31  | 26  | 27  | 27  | 30  | 29  | 29  | 29  | 29  | 30  |
| TELA                | HO | 29  | 26  | 30  | 28  | 26  | 27  | 30  | 30  | 29  | 28  | 27  | 28  |
| BLUEFIELDS          | NK | 29  | 28  | 29  | 29  | 29  | 25  | 28  | 28  | 28  | 29  | 28  | 29  |
| CHINANDIGA          | NK | 31  | 28  | 31  | 30  | 30  | 28  | 31  | 31  | 30  | 30  | 30  | 31  |
| JUIGALPA            | NK | 31  | 28  | 31  | 30  | 31  | 29  | 31  | 30  | 29  | 31  | 30  | 31  |
| MANAGUA             | NK | 31  | 28  | 31  | 29  | 31  | 29  | 30  | 30  | 29  | 30  | 30  | 31  |
| PUERTO CABEZAS      | NK | 30  | 27  | 30  | 29  | 29  | 26  | 29  | 30  | 29  | 28  | 26  | 30  |
| RIVAS               | NK | 31  | 28  | 31  | 30  | 30  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
| BOCAS DEL TORO INTL | PH | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 29  | 31  |
| CHANGUINOLA INTL    | PH | 30  | 28  | 31  | 29  | 31  | 30  | 31  | 31  | 30  | 31  | 29  | 31  |
| DAVID               | PH | 31  | 28  | 30  | 29  | 29  | 26  | 28  | 29  | 26  | 27  | 26  | 30  |
| HOWARD AFB          | PH | 31  | 28  | 31  | 30  | 31  | 30  | 30  | 31  | 30  | 31  | 29  | 31  |
| LA PALMA            | PH | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 29  | 31  |
| PANAMA CITY         | PH | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
| PORVENIR            | PH | 30  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
| RIO HATO            | PH | 31  | 28  | 31  | 29  | 30  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
| SANTIAGO            | PH | 31  | 27  | 31  | 30  | 30  | 30  | 31  | 31  | 30  | 30  | 29  | 31  |
| TOCUMEN             | PH | 31  | 28  | 31  | 30  | 30  | 29  | 30  | 30  | 29  | 29  | 29  | 31  |

TABLE B-20, Cont'd

| 0600Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 29  | 26  | 29  | 28  | 30  | 28  | 30  | 31  | 27  | 27  | 27  | 27  |
| SAN JOSE        | CS | 26  | 24  | 28  | 27  | 28  | 28  | 29  | 29  | 27  | 26  | 27  | 29  |
| ACAJUTLA        | ES | 30  | 28  | 31  | 29  | 29  | 28  | 30  | 30  | 30  | 31  | 30  | 31  |
| SAN SALVADOR    | ES | 31  | 28  | 31  | 29  | 30  | 29  | 29  | 29  | 28  | 29  | 29  | 31  |
| GUATEMALA CITY  | GU | 22  | 21  | 22  | 18  | 20  | 17  | 20  | 18  | 16  | 20  | 18  | 21  |
| HUEHUETENANGO   | GU | 31  | 28  | 31  | 29  | 30  | 29  | 31  | 29  | 26  | 29  | 29  | 31  |
| PUERTO BARRIOS  | GU | 30  | 27  | 30  | 27  | 30  | 27  | 29  | 29  | 29  | 28  | 27  | 28  |
| SAN JOSE        | GU | 30  | 27  | 31  | 25  | 27  | 28  | 30  | 31  | 29  | 31  | 29  | 30  |
| CATACAMAS       | HO | 29  | 28  | 31  | 29  | 28  | 28  | 30  | 28  | 29  | 29  | 29  | 30  |
| CHOLUTECA       | HO | 30  | 28  | 30  | 28  | 28  | 29  | 31  | 30  | 27  | 30  | 30  | 31  |
| ISLAS DEL CISNE | HO | 30  | 28  | 31  | 30  | 31  | 29  | 31  | 31  | 29  | 30  | 30  | 30  |
| SAN PEDRO SULA  | HO | 29  | 28  | 31  | 27  | 29  | 29  | 31  | 31  | 30  | 30  | 29  | 29  |
| TEGUCIGALPA     | HO | 30  | 28  | 30  | 27  | 29  | 29  | 31  | 31  | 29  | 30  | 29  | 30  |
| TELA            | HO | 29  | 25  | 30  | 29  | 27  | 28  | 31  | 30  | 30  | 27  | 28  | 29  |
| HANAGUA         | NK | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 30  | 30  | 31  |
| HOWARD AFB      | PM | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
| TOCUMEN         | PM | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |

| 1200Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 25  | 23  | 29  | 27  | 29  | 26  | 29  | 28  | 25  | 23  | 23  | 27  |
| LIMON           | CS | 28  | 26  | 30  | 28  | 30  | 28  | 29  | 30  | 30  | 31  | 29  | 28  |
| NICOYA          | CS | 31  | 28  | 31  | 29  | 28  | 27  | 28  | 25  | 21  | 22  | 26  | 30  |
| PUNTARENAS      | CS | 31  | 28  | 31  | 30  | 30  | 30  | 30  | 31  | 29  | 30  | 29  | 31  |
| SAN JOSE        | CS | 27  | 25  | 29  | 27  | 30  | 29  | 30  | 30  | 29  | 29  | 30  | 29  |
| ACAJUTLA        | ES | 31  | 28  | 31  | 29  | 30  | 30  | 30  | 31  | 30  | 31  | 30  | 31  |
| SAN SALVADOR    | ES | 31  | 28  | 30  | 28  | 27  | 24  | 28  | 25  | 22  | 24  | 28  | 31  |
| SANTA ANA       | ES | 30  | 28  | 31  | 30  | 31  | 27  | 30  | 29  | 27  | 31  | 30  | 30  |
| FLORES          | GU | 14  | 19  | 23  | 22  | 20  | 24  | 23  | 20  | 20  | 14  | 15  | 15  |
| GUATEMALA CITY  | GU | 20  | 18  | 17  | 14  | 17  | 20  | 22  | 20  | 19  | 22  | 21  | 21  |
| HUEHUETENANGO   | GU | 20  | 18  | 24  | 22  | 18  | 23  | 22  | 22  | 20  | 22  | 16  | 16  |
| POPTUN          | GU | 21  | 23  | 27  | 22  | 20  | 27  | 25  | 23  | 20  | 14  | 14  | 22  |
| PUERTO BARRIOS  | GU | 26  | 25  | 27  | 25  | 24  | 28  | 28  | 27  | 28  | 28  | 25  | 25  |
| RETALHULEU      | GU | 31  | 28  | 29  | 17  | 21  | 28  | 31  | 31  | 29  | 30  | 29  | 31  |
| SAN JOSE        | GU | 26  | 26  | 26  | 17  | 18  | 29  | 30  | 30  | 29  | 30  | 28  | 27  |
| CATACAMAS       | HO | 28  | 27  | 31  | 29  | 27  | 28  | 30  | 29  | 27  | 28  | 29  | 28  |
| CHOLUTECA       | HO | 31  | 27  | 31  | 26  | 24  | 30  | 30  | 30  | 28  | 29  | 30  | 30  |
| ISLAS DEL CISNE | HO | 31  | 28  | 30  | 29  | 30  | 29  | 30  | 30  | 29  | 29  | 29  | 30  |
| SAN PEDRO SULA  | HO | 28  | 28  | 29  | 27  | 28  | 28  | 30  | 30  | 30  | 29  | 27  | 29  |
| TEGUCIGALPA     | HO | 30  | 27  | 31  | 26  | 26  | 27  | 29  | 28  | 25  | 27  | 27  | 29  |
| TELA            | HO | 30  | 25  | 29  | 28  | 27  | 28  | 30  | 31  | 30  | 28  | 28  | 28  |

TABLE B-20, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |    |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| BLUEFIELDS          | NK  | 28  | 27  | 29  | 29  | 28  | 26  | 27  | 24  | 26  | 29  | 26  | 27 |
| MANAGUA             | NK  | 31  | 28  | 31  | 30  | 30  | 31  | 31  | 30  | 29  | 31  | 30  | 31 |
| PUERTO CABEZAS      | NK  | 26  | 26  | 29  | 27  | 27  | 25  | 26  | 28  | 29  | 31  | 27  | 28 |
| RIVAS               | NK  | 30  | 28  | 31  | 30  | 31  | 29  | 29  | 30  | 30  | 30  | 30  | 31 |
| BOCAS DEL TORO INTL | PH  | 31  | 28  | 31  | 30  | 30  | 30  | 31  | 30  | 31  | 31  | 29  | 30 |
| CHANGUINOLA INTL    | PH  | 30  | 28  | 30  | 29  | 31  | 30  | 31  | 31  | 30  | 31  | 29  | 30 |
| DAVID               | PH  | 31  | 28  | 31  | 30  | 31  | 30  | 30  | 30  | 28  | 29  | 27  | 31 |
| FORT SHERMAN        | PH  | 27  | 26  | 29  | 25  | 27  | 21  | 22  | 20  | 25  | 26  | 22  | 26 |
| HOWARD AFB          | PH  | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31 |
| PANAMA CITY         | PH  | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31 |
| PORVENIR            | PH  | 30  | 28  | 31  | 30  | 31  | 30  | 30  | 31  | 30  | 31  | 29  | 31 |
| RIO HATO            | PH  | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31 |
| TOCUMEN             | PH  | 31  | 28  | 31  | 30  | 30  | 29  | 31  | 30  | 30  | 30  | 30  | 31 |

| 1800Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 30  | 26  | 31  | 29  | 29  | 28  | 30  | 30  | 29  | 28  | 28  | 27  |
| LIBERIA         | CS | 24  | 23  | 27  | 27  | 31  | 28  | 29  | 30  | 30  | 31  | 30  | 28  |
| LIMON           | CS | 29  | 27  | 31  | 28  | 30  | 29  | 30  | 29  | 30  | 30  | 29  | 30  |
| NICOYA          | CS | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 30  | 29  | 30  | 29  | 30  |
| PUNTARENAS      | CS | 31  | 27  | 31  | 30  | 31  | 30  | 31  | 31  | 29  | 31  | 30  | 31  |
| SAN JOSE        | CS | 20  | 20  | 26  | 24  | 30  | 28  | 28  | 29  | 29  | 30  | 29  | 26  |
| ACAJUTLA        | ES | 31  | 28  | 31  | 29  | 29  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
| SAN SALVADOR    | ES | 31  | 28  | 31  | 30  | 30  | 28  | 31  | 30  | 28  | 30  | 29  | 31  |
| SANTA ANA       | ES | 31  | 28  | 31  | 30  | 31  | 29  | 30  | 31  | 30  | 31  | 30  | 31  |
| FLORES          | GU | 27  | 24  | 30  | 28  | 26  | 29  | 31  | 31  | 29  | 29  | 28  | 26  |
| GUATEMALA CITY  | GU | 30  | 26  | 31  | 27  | 28  | 29  | 30  | 30  | 29  | 31  | 29  | 30  |
| HUEHUETENANGO   | GU | 31  | 28  | 31  | 29  | 29  | 30  | 31  | 31  | 30  | 30  | 28  | 30  |
| POPTUN          | GU | 28  | 28  | 30  | 26  | 28  | 27  | 27  | 29  | 26  | 23  | 27  | 27  |
| PUERTO BARRIOS  | GU | 28  | 26  | 29  | 29  | 29  | 29  | 30  | 30  | 29  | 29  | 29  | 29  |
| RETALHULEU      | GU | 30  | 28  | 30  | 26  | 28  | 29  | 31  | 31  | 29  | 28  | 30  | 31  |
| SAN JOSE        | GU | 31  | 28  | 30  | 22  | 23  | 29  | 31  | 31  | 29  | 31  | 30  | 31  |
| CATACAMAS       | HO | 31  | 28  | 31  | 29  | 30  | 29  | 30  | 31  | 30  | 31  | 29  | 30  |
| CHOLUTECA       | HO | 30  | 27  | 30  | 26  | 28  | 30  | 31  | 31  | 29  | 30  | 30  | 30  |
| GUANAJA         | HO | 29  | 26  | 29  | 29  | 29  | 29  | 29  | 28  | 29  | 29  | 28  | 30  |
| ISLAS DEL CISNE | HO | 30  | 28  | 30  | 30  | 31  | 29  | 30  | 31  | 29  | 30  | 28  | 30  |
| LA CEIBA        | HO | 28  | 27  | 30  | 27  | 28  | 28  | 31  | 31  | 29  | 29  | 27  | 29  |
| PUERTO LEMPIRA  | HO | 30  | 26  | 31  | 29  | 29  | 29  | 30  | 29  | 29  | 28  | 28  | 29  |
| SAN PEDRO SULA  | HO | 31  | 26  | 30  | 26  | 28  | 29  | 31  | 31  | 30  | 29  | 29  | 29  |
| TEGUCIGALPA     | HO | 30  | 28  | 31  | 27  | 26  | 29  | 31  | 31  | 30  | 31  | 30  | 30  |
| TELA            | HO | 28  | 26  | 30  | 28  | 24  | 28  | 31  | 31  | 30  | 29  | 28  | 28  |
| BLUEFIELDS      | NK | 28  | 27  | 28  | 28  | 28  | 25  | 24  | 25  | 25  | 28  | 26  | 28  |
| CHINANDEGA      | NK | 30  | 28  | 30  | 30  | 30  | 30  | 30  | 31  | 29  | 31  | 29  | 31  |
| JUIGALPA        | NK | 31  | 28  | 31  | 30  | 31  | 29  | 31  | 31  | 30  | 31  | 30  | 31  |
| MANAGUA         | NK | 31  | 28  | 31  | 29  | 31  | 30  | 30  | 30  | 30  | 30  | 30  | 31  |
| PUERTO CABEZAS  | NK | 30  | 27  | 30  | 29  | 31  | 27  | 29  | 30  | 29  | 30  | 28  | 30  |
| RIVAS           | NK | 30  | 26  | 30  | 29  | 31  | 30  | 30  | 31  | 30  | 31  | 30  | 31  |

TABLE B-20, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BOCAS DEL TORO INTL | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 30  |
| CHANGUINOLA INTL    | 30  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 30  |
| DAVID               | 30  | 26  | 29  | 30  | 31  | 30  | 31  | 29  | 28  | 30  | 28  | 31  |
| FORT SHERMAN        | 30  | 28  | 30  | 27  | 27  | 22  | 23  | 25  | 26  | 25  | 24  | 28  |
| HOWARD AFB          | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 30  | 29  | 30  |
| JAUQUE              | 31  | 28  | 31  | 30  | 30  | 29  | 29  | 31  | 29  | 30  | 30  | 31  |
| LA PALMA            | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
| PANAMA CITY         | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 30  | 30  | 31  |
| PORVENIR            | 30  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
| RIO HATO            | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 31  | 30  | 31  |
| SANTIAGO            | 29  | 28  | 31  | 30  | 31  | 30  | 31  | 30  | 30  | 31  | 30  | 31  |
| TOCUMEN             | 30  | 28  | 30  | 29  | 31  | 29  | 31  | 30  | 29  | 30  | 29  | 31  |

TABLE B-21 Days Favorable for HALO Parachute Operations (Ceiling > 2,500 ft, Visibility > 5 mi, Wind Speed < 13 kts), Selected Times

| 0000Z               |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL         | BZ | 28  | 27  | 27  | 25  | 27  | 25  | 27  | 28  | 29  | 29  | 27  | 26  |
| LIBERIA             | CS | 19  | 13  | 20  | 17  | 26  | 27  | 24  | 25  | 26  | 27  | 28  | 26  |
| LIMON               | CS | 25  | 24  | 27  | 27  | 28  | 27  | 27  | 28  | 27  | 27  | 24  | 25  |
| NICOYA              | CS | 27  | 24  | 26  | 27  | 29  | 27  | 27  | 24  | 24  | 26  | 29  | 29  |
| PUNTARENAS          | CS | 30  | 27  | 31  | 29  | 28  | 27  | 29  | 27  | 26  | 27  | 27  | 31  |
| SAN JOSE            | CS | 10  | 8   | 13  | 15  | 22  | 19  | 20  | 19  | 18  | 17  | 16  | 16  |
| ACAJUTLA            | ES | 30  | 27  | 30  | 27  | 26  | 29  | 30  | 30  | 27  | 30  | 30  | 31  |
| SAN SALVADOR        | ES | 28  | 25  | 28  | 25  | 26  | 27  | 29  | 29  | 27  | 29  | 28  | 29  |
| SANTA ANA           | ES | 30  | 28  | 30  | 29  | 30  | 27  | 30  | 31  | 29  | 31  | 29  | 31  |
| FLORES              | GU | 24  | 25  | 28  | 24  | 22  | 27  | 29  | 30  | 26  | 26  | 25  | 24  |
| GUATEMALA CITY      | GU | 20  | 15  | 16  | 7   | 13  | 19  | 20  | 18  | 17  | 19  | 19  | 19  |
| HUEHUETENANGO       | GU | 26  | 22  | 23  | 20  | 20  | 20  | 23  | 23  | 20  | 24  | 23  | 28  |
| POPTUN              | GU | 28  | 24  | 27  | 25  | 20  | 28  | 29  | 30  | 23  | 24  | 19  | 26  |
| PUERTO BARRIOS      | GU | 24  | 21  | 25  | 19  | 21  | 21  | 21  | 24  | 25  | 24  | 22  | 23  |
| RETALHULEU          | GU | 29  | 27  | 24  | 20  | 16  | 23  | 22  | 20  | 15  | 18  | 26  | 29  |
| SAN JOSE            | GU | 30  | 26  | 24  | 13  | 13  | 24  | 26  | 26  | 23  | 24  | 27  | 30  |
| CATACAMAS           | HO | 28  | 26  | 29  | 23  | 25  | 26  | 27  | 28  | 28  | 28  | 29  | 28  |
| CHOLUTECA           | HO | 29  | 24  | 29  | 22  | 22  | 26  | 28  | 29  | 25  | 27  | 29  | 28  |
| GUANAJA             | HO | 18  | 14  | 7   | 16  | 12  | 7   | 13  | 13  | 17  | 22  | 19  | 18  |
| ISLAS DEL CISNE     | HO | 24  | 23  | 22  | 22  | 23  | 23  | 26  | 28  | 25  | 28  | 26  | 25  |
| LA CEIBA            | HO | 24  | 22  | 25  | 22  | 24  | 20  | 22  | 24  | 25  | 25  | 22  | 20  |
| PUERTO LEMPIRA      | HO | 27  | 22  | 26  | 27  | 24  | 25  | 25  | 25  | 26  | 26  | 22  | 25  |
| SAN PEDRO SULA      | HO | 28  | 25  | 26  | 24  | 23  | 24  | 26  | 29  | 29  | 28  | 28  | 28  |
| TEGUCIGALPA         | HO | 28  | 24  | 29  | 21  | 24  | 24  | 27  | 28  | 26  | 26  | 26  | 27  |
| TELA                | HO | 24  | 21  | 27  | 22  | 23  | 21  | 23  | 24  | 25  | 23  | 21  | 21  |
| BLUEFIELDS          | NK | 27  | 25  | 26  | 26  | 26  | 21  | 23  | 24  | 24  | 24  | 24  | 26  |
| CHINANDEGA          | NK | 27  | 25  | 28  | 26  | 28  | 24  | 28  | 29  | 27  | 27  | 28  | 30  |
| JUIGALPA            | NK | 30  | 28  | 31  | 27  | 27  | 25  | 26  | 30  | 27  | 30  | 27  | 29  |
| MANAGUA             | NK | 29  | 26  | 29  | 24  | 28  | 26  | 27  | 27  | 26  | 26  | 29  | 30  |
| PUERTO CABEZAS      | NK | 22  | 22  | 23  | 21  | 23  | 17  | 17  | 23  | 25  | 26  | 22  | 23  |
| RIVAS               | NK | 24  | 24  | 28  | 27  | 30  | 26  | 28  | 28  | 27  | 26  | 27  | 28  |
| BOCAS DEL TORO INTL | PM | 29  | 26  | 30  | 27  | 29  | 28  | 29  | 30  | 28  | 29  | 27  | 29  |
| CHANGUINOLA INTL    | PM | 25  | 20  | 23  | 26  | 24  | 22  | 25  | 24  | 20  | 20  | 21  | 28  |
| DAVID               | PM | 31  | 28  | 31  | 30  | 30  | 29  | 30  | 30  | 29  | 30  | 29  | 31  |
| HOWARD AFB          | PM | 30  | 28  | 30  | 30  | 28  | 28  | 30  | 29  | 28  | 28  | 28  | 30  |
| LA PALMA            | PM | 28  | 22  | 25  | 24  | 27  | 27  | 28  | 29  | 29  | 29  | 28  | 30  |
| PANAMA CITY         | PM | 28  | 16  | 20  | 22  | 29  | 27  | 29  | 30  | 27  | 28  | 25  | 22  |
| PORVENIR            | PM | 16  | 12  | 12  | 17  | 27  | 28  | 28  | 28  | 28  | 27  | 28  | 28  |
| RIO HATO            | PM | 20  | 14  | 16  | 19  | 25  | 28  | 30  | 29  | 28  | 28  | 27  | 30  |
| SANTIAGO            | PM | 29  | 25  | 26  | 26  | 28  | 27  | 29  | 29  | 27  | 27  | 27  | 30  |
| TOCUMEN             | PM | 29  | 25  | 26  | 26  | 28  | 27  | 29  | 29  | 27  | 27  | 27  | 30  |

TABLE B-21, Cont'd

| 0600Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 27  | 25  | 26  | 26  | 25  | 22  | 26  | 28  | 23  | 26  | 25  | 25  |
| SAN JOSE        | CS | 12  | 10  | 15  | 18  | 26  | 26  | 23  | 24  | 24  | 24  | 23  | 19  |
| ACAJUTLA        | ES | 30  | 27  | 30  | 25  | 23  | 27  | 29  | 28  | 27  | 30  | 29  | 30  |
| SAN SALVADOR    | ES | 29  | 26  | 30  | 27  | 30  | 26  | 28  | 27  | 25  | 26  | 28  | 30  |
| GUATEMALA CITY  | GU | 14  | 15  | 17  | 10  | 13  | 12  | 14  | 13  | 12  | 15  | 14  | 13  |
| HUEHUETENANGO   | GU | 28  | 26  | 28  | 23  | 25  | 19  | 26  | 23  | 20  | 23  | 24  | 26  |
| PUERTO BARRIOS  | GU | 23  | 21  | 24  | 17  | 26  | 18  | 21  | 21  | 22  | 21  | 21  | 21  |
| SAN JOSE        | GU | 27  | 24  | 30  | 25  | 11  | 20  | 23  | 23  | 25  | 27  | 26  | 28  |
| CATACAMAS       | HO | 28  | 27  | 29  | 27  | 26  | 26  | 28  | 26  | 26  | 28  | 27  | 28  |
| CHOLUTECA       | HO | 25  | 23  | 29  | 23  | 25  | 27  | 30  | 29  | 25  | 29  | 28  | 29  |
| ISLAS DEL CISNE | HO | 24  | 22  | 22  | 22  | 22  | 22  | 29  | 29  | 25  | 29  | 27  | 25  |
| SAN PEDRO SULA  | HO | 28  | 26  | 28  | 24  | 25  | 27  | 30  | 30  | 28  | 28  | 27  | 28  |
| TEGUCIGALPA     | HO | 27  | 27  | 29  | 23  | 25  | 26  | 29  | 29  | 26  | 27  | 25  | 27  |
| TELA            | HO | 23  | 23  | 27  | 24  | 21  | 25  | 27  | 27  | 28  | 24  | 23  | 25  |
| MANAGUA         | NK | 30  | 28  | 30  | 28  | 28  | 28  | 30  | 30  | 28  | 28  | 29  | 31  |
| HOWARD AFB      | PH | 31  | 28  | 31  | 30  | 31  | 30  | 31  | 31  | 30  | 30  | 30  | 31  |
| TOCUMEN         | PH | 31  | 28  | 30  | 28  | 30  | 29  | 31  | 30  | 29  | 29  | 29  | 31  |

| 1200Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 23  | 20  | 26  | 24  | 23  | 22  | 24  | 24  | 23  | 19  | 20  | 23  |
| LIMON           | CS | 25  | 22  | 28  | 25  | 27  | 25  | 26  | 28  | 29  | 30  | 28  | 26  |
| NICOYA          | CS | 29  | 26  | 30  | 28  | 27  | 25  | 28  | 24  | 19  | 21  | 26  | 29  |
| PUNTARENAS      | CS | 31  | 28  | 31  | 30  | 30  | 28  | 30  | 30  | 28  | 29  | 27  | 30  |
| SAN JOSE        | CS | 11  | 12  | 14  | 17  | 27  | 24  | 22  | 25  | 26  | 27  | 23  | 20  |
| ACAJUTLA        | ES | 30  | 27  | 30  | 26  | 25  | 29  | 30  | 30  | 29  | 30  | 29  | 31  |
| SAN SALVADOR    | ES | 29  | 26  | 29  | 25  | 23  | 22  | 28  | 24  | 19  | 23  | 26  | 29  |
| SANTA ANA       | ES | 30  | 28  | 30  | 28  | 28  | 27  | 30  | 27  | 26  | 30  | 30  | 30  |
| FLORES          | GU | 14  | 17  | 21  | 20  | 16  | 21  | 21  | 18  | 19  | 13  | 13  | 14  |
| GUATEMALA CITY  | GU | 13  | 13  | 13  | 9   | 13  | 16  | 17  | 17  | 16  | 20  | 16  | 15  |
| HUEHUETENANGO   | GU | 15  | 14  | 20  | 17  | 13  | 18  | 18  | 17  | 16  | 17  | 12  | 12  |
| POPTUN          | GU | 19  | 22  | 25  | 19  | 20  | 24  | 22  | 21  | 19  | 12  | 14  | 20  |
| PUERTO BARRIOS  | GU | 19  | 16  | 21  | 17  | 19  | 21  | 22  | 19  | 23  | 20  | 17  | 17  |
| RETALHULEU      | GU | 31  | 26  | 24  | 12  | 19  | 26  | 30  | 28  | 27  | 30  | 29  | 31  |
| SAN JOSE        | GU | 25  | 24  | 21  | 9   | 10  | 26  | 27  | 28  | 27  | 29  | 27  | 25  |
| CATACAMAS       | HO | 25  | 26  | 29  | 28  | 24  | 24  | 27  | 26  | 24  | 24  | 26  | 24  |
| CHOLUTECA       | HO | 25  | 23  | 28  | 23  | 22  | 29  | 29  | 29  | 26  | 28  | 28  | 27  |
| ISLAS DEL CISNE | HO | 25  | 23  | 22  | 22  | 23  | 22  | 27  | 29  | 26  | 28  | 25  | 25  |
| SAN PEDRO SULA  | HO | 26  | 25  | 28  | 22  | 24  | 27  | 28  | 29  | 29  | 26  | 27  | 26  |
| TEGUCIGALPA     | HO | 25  | 24  | 28  | 22  | 21  | 22  | 25  | 24  | 21  | 21  | 20  | 21  |
| TELA            | HO | 27  | 23  | 24  | 26  | 24  | 26  | 29  | 29  | 28  | 23  | 23  | 23  |

TABLE B-21, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |    |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| BLUEFIELDS          | NK  | 22  | 22  | 25  | 26  | 23  | 22  | 21  | 19  | 23  | 26  | 24  | 25 |
| MANAGUA             | NK  | 30  | 27  | 30  | 29  | 29  | 28  | 29  | 29  | 28  | 28  | 29  | 30 |
| PUERTO CABEZAS      | NK  | 20  | 21  | 22  | 22  | 20  | 18  | 16  | 22  | 24  | 25  | 23  | 21 |
| RIVAS               | NK  | 20  | 21  | 26  | 26  | 30  | 25  | 23  | 25  | 28  | 26  | 27  | 25 |
| BOCAS DEL TORO INTL | PH  | 27  | 26  | 27  | 25  | 29  | 27  | 26  | 27  | 28  | 28  | 24  | 26 |
| CHANGUINOLA INTL    | PH  | 28  | 24  | 28  | 25  | 28  | 26  | 26  | 29  | 29  | 29  | 26  | 26 |
| DAVID               | PH  | 30  | 27  | 29  | 28  | 29  | 29  | 28  | 28  | 27  | 26  | 26  | 31 |
| FORT SHERMAN        | PH  | 27  | 25  | 27  | 21  | 25  | 19  | 19  | 19  | 25  | 25  | 19  | 23 |
| HOWARD AFB          | PH  | 31  | 28  | 31  | 30  | 30  | 29  | 30  | 30  | 30  | 31  | 29  | 31 |
| PANAMA CITY         | PH  | 30  | 28  | 30  | 29  | 29  | 27  | 30  | 29  | 28  | 29  | 29  | 30 |
| PORVENIR            | PH  | 14  | 11  | 16  | 18  | 25  | 27  | 24  | 28  | 24  | 27  | 21  | 14 |
| RIO HATO            | PH  | 29  | 26  | 38  | 28  | 30  | 30  | 30  | 31  | 30  | 30  | 29  | 30 |
| TOCUMEN             | PH  | 31  | 28  | 28  | 28  | 29  | 28  | 30  | 30  | 28  | 29  | 29  | 31 |

## 1800Z

| 1800Z           |                | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |    |
|-----------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| BELIZE INTL     | BZ             | 25  | 21  | 25  | 23  | 23  | 20  | 23  | 24  | 25  | 22  | 22  | 23  |    |
|                 | CS             | 13  | 13  | 10  | 12  | 22  | 24  | 20  | 23  | 26  | 27  | 25  | 16  |    |
|                 | CS             | 27  | 25  | 28  | 25  | 29  | 28  | 27  | 28  | 28  | 29  | 27  | 27  |    |
|                 | CS             | 23  | 23  | 26  | 26  | 30  | 29  | 30  | 28  | 26  | 27  | 26  | 27  |    |
|                 | CS             | 29  | 27  | 30  | 29  | 30  | 30  | 31  | 30  | 29  | 30  | 29  | 31  |    |
| ACAJUTLA        | CS             | 4   | 4   | 7   | 10  | 20  | 20  | 17  | 19  | 20  | 23  | 19  | 10  |    |
|                 | ES             | 30  | 27  | 30  | 26  | 25  | 29  | 30  | 30  | 29  | 30  | 30  | 29  |    |
|                 | ES             | 26  | 24  | 19  | 27  | 27  | 27  | 30  | 29  | 26  | 28  | 25  | 27  |    |
|                 | ES             | 31  | 26  | 30  | 29  | 31  | 29  | 30  | 31  | 29  | 30  | 29  | 30  |    |
|                 | GUATEMALA CITY | GU  | 21  | 20  | 26  | 24  | 21  | 23  | 25  | 26  | 23  | 22  | 21  | 22 |
| GU              |                | 16  | 14  | 28  | 15  | 16  | 15  | 16  | 13  | 17  | 16  | 16  | 15  |    |
| GU              |                | 27  | 25  | 28  | 24  | 24  | 25  | 26  | 24  | 25  | 23  | 23  | 26  |    |
| GU              |                | 15  | 15  | 17  | 13  | 16  | 15  | 16  | 18  | 13  | 9   | 15  | 15  |    |
| GU              |                | 22  | 20  | 23  | 19  | 24  | 25  | 25  | 25  | 27  | 26  | 23  | 24  |    |
| SAN JOSE        | GU             | 30  | 26  | 26  | 18  | 21  | 27  | 27  | 27  | 25  | 25  | 29  | 31  |    |
|                 | GU             | 30  | 26  | 22  | 11  | 14  | 26  | 29  | 29  | 27  | 28  | 29  | 30  |    |
|                 | CATACAMAS      | HO  | 29  | 26  | 28  | 25  | 28  | 26  | 26  | 28  | 29  | 29  | 27  | 28 |
|                 |                | HO  | 23  | 22  | 26  | 19  | 25  | 28  | 29  | 30  | 28  | 29  | 24  | 22 |
|                 |                | HO  | 20  | 19  | 18  | 21  | 26  | 21  | 25  | 26  | 26  | 23  | 20  | 22 |
| ISLAS DEL CISNE |                | HO  | 22  | 20  | 18  | 19  | 19  | 20  | 23  | 27  | 24  | 27  | 24  | 24 |
|                 |                | HO  | 26  | 26  | 28  | 23  | 24  | 25  | 28  | 29  | 28  | 27  | 24  | 24 |
|                 | HO             | 22  | 20  | 26  | 24  | 24  | 23  | 24  | 23  | 25  | 24  | 24  | 21  |    |
|                 | HO             | 28  | 24  | 27  | 23  | 26  | 29  | 30  | 31  | 29  | 28  | 28  | 26  |    |
|                 | HO             | 25  | 22  | 25  | 22  | 25  | 28  | 27  | 29  | 28  | 27  | 22  | 23  |    |
| TEGUCIGALPA     | HO             | 25  | 23  | 25  | 23  | 21  | 24  | 27  | 29  | 29  | 25  | 22  | 23  |    |
|                 | BLUEFIELDS     | NK  | 19  | 18  | 18  | 21  | 22  | 19  | 17  | 21  | 23  | 24  | 20  | 22 |
|                 |                | NK  | 23  | 22  | 24  | 25  | 26  | 28  | 29  | 30  | 29  | 27  | 27  | 28 |
|                 |                | NK  | 27  | 27  | 30  | 28  | 31  | 26  | 28  | 29  | 26  | 28  | 25  | 28 |
|                 |                | NK  | 21  | 21  | 22  | 23  | 27  | 26  | 24  | 28  | 27  | 29  | 28  | 27 |
| MANAGUA         |                | NK  | 21  | 20  | 21  | 20  | 24  | 15  | 15  | 21  | 22  | 23  | 19  | 21 |
| PUERTO CABEZAS  | NK             | 21  | 20  | 21  | 20  | 24  | 15  | 15  | 21  | 22  | 23  | 19  | 21  |    |
|                 | PUERTO CABEZAS | NK  | 18  | 15  | 22  | 23  | 28  | 25  | 22  | 25  | 27  | 25  | 22  |    |
| PUNTA RIVAS     |                |     |     |     |     |     |     |     |     |     |     |     |     |    |

TABLE B-21, Cont'd

|                     | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BOCAS DEL TORO INTL | 27  | 25  | 29  | 27  | 30  | 27  | 27  | 28  | 28  | 29  | 26  | 26  |
| CHANGUINOLA INTL    | 28  | 26  | 29  | 27  | 30  | 28  | 29  | 29  | 28  | 29  | 27  | 27  |
| DAVID               | 22  | 19  | 23  | 24  | 27  | 26  | 28  | 26  | 26  | 25  | 24  | 29  |
| FORT SHERMAN        | 28  | 26  | 28  | 25  | 25  | 17  | 20  | 22  | 24  | 24  | 22  | 27  |
| HOWARD AFB          | 28  | 23  | 25  | 27  | 30  | 29  | 30  | 30  | 29  | 29  | 28  | 30  |
| JAQUE               | 30  | 27  | 30  | 29  | 29  | 28  | 28  | 28  | 27  | 26  | 27  | 30  |
| LA PALMA            | 30  | 27  | 30  | 29  | 31  | 29  | 31  | 31  | 29  | 29  | 29  | 30  |
| PANAMA CITY         | 25  | 22  | 23  | 25  | 29  | 28  | 30  | 29  | 28  | 28  | 27  | 28  |
| PORVENIR            | 14  | 14  | 18  | 21  | 27  | 27  | 29  | 30  | 27  | 26  | 25  | 18  |
| RIO HATO            | 18  | 17  | 19  | 22  | 29  | 28  | 28  | 30  | 29  | 30  | 27  | 27  |
| SANTIAGO            | 21  | 21  | 23  | 23  | 29  | 29  | 31  | 30  | 29  | 29  | 29  | 29  |
| TOCUMEN             | 20  | 17  | 19  | 20  | 25  | 27  | 28  | 27  | 26  | 25  | 26  | 25  |
|                     | PM  |     |     |     |     |     |     |     |     |     |     |     |

TABLE B-22 Days Favorable for Chemical Operations (Wind Speed 4-10 kts, Temperature 33-89° F, No Precipitation) - Selected times

| 0000Z           |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | BZ | 13  | 17  | 24  | 22  | 22  | 15  | 20  | 23  | 1   | 12  | 13  | 10  |
| LIBERIA         | CS | 11  | 7   | 11  | 5   | 4   | 6   | 7   | 6   | 3   | 4   | 7   | 8   |
| LIMON           | CS | 6   | 7   | 9   | 8   | 4   | 5   | 5   | 6   | 7   | 4   | 4   | 4   |
| NICOYA          | CS | 15  | 18  | 18  | 16  | 8   | 2   | 4   | 3   | 1   | 1   | 3   | 10  |
| PUNTARENAS      | CS | 12  | 11  | 12  | 10  | 6   | 2   | 4   | 4   | 4   | 3   | 4   | 8   |
| SAN JOSE        | CS | 5   | 4   | 6   | 4   | 5   | 7   | 8   | 5   | 6   | 6   | 8   | 9   |
| ACAJUTLA        | ES | 14  | 13  | 20  | 16  | 15  | 10  | 13  | 11  | 6   | 9   | 11  | 11  |
| SAN SALVADOR    | ES | 17  | 19  | 22  | 21  | 20  | 13  | 11  | 11  | 11  | 16  | 16  | 16  |
| SANTA ANA       | ES | 11  | 11  | 13  | 12  | 8   | 3   | 4   | 4   | 4   | 2   | 3   | 7   |
| FLORES          | GU | 5   | 7   | 11  | 8   | 3   | 5   | 4   | 4   | 3   | 4   | 5   | 4   |
| GUATEMALA CITY  | GU | 15  | 12  | 16  | 13  | 17  | 13  | 10  | 12  | 11  | 16  | 17  | 15  |
| HUEHUETENANGO   | GU | 15  | 14  | 15  | 11  | 10  | 8   | 13  | 10  | 8   | 7   | 11  | 17  |
| POPTUN          | GU | 6   | 6   | 14  | 17  | 10  | 14  | 13  | 8   | 2   | 2   | 1   | 4   |
| PUERTO BARRIOS  | GU | 10  | 10  | 17  | 17  | 13  | 13  | 14  | 15  | 10  | 5   | 5   | 6   |
| RETALHULEU      | GU | 20  | 21  | 17  | 11  | 7   | 5   | 7   | 5   | 5   | 5   | 6   | 9   |
| SAN JOSE        | GU | 11  | 15  | 28  | 18  | 15  | 11  | 12  | 13  | 10  | 8   | 5   | 7   |
| CATACAMAS       | HO | 6   | 11  | 17  | 16  | 11  | 6   | 5   | 5   | 5   | 6   | 7   | 8   |
| CHOLUTECA       | HO | 10  | 4   | 5   | 3   | 5   | 4   | 4   | 5   | 4   | 3   | 8   | 13  |
| GUANAJA         | HO | 7   | 10  | 4   | 11  | 7   | 5   | 9   | 6   | 7   | 6   | 6   | 9   |
| ISLAS DEL CISNE | HO | 16  | 16  | 15  | 15  | 12  | 13  | 19  | 22  | 21  | 20  | 18  | 17  |
| LA CEIBA        | HO | 12  | 13  | 18  | 15  | 20  | 12  | 13  | 13  | 11  | 9   | 4   | 8   |
| PUERTO LEMPIRA  | HO | 18  | 15  | 19  | 19  | 18  | 17  | 17  | 14  | 16  | 13  | 13  | 16  |
| SAN PEDRO SULA  | HO | 18  | 14  | 22  | 19  | 16  | 11  | 13  | 12  | 13  | 15  | 13  | 14  |
| TEGUCIGALPA     | HO | 19  | 19  | 23  | 19  | 18  | 11  | 13  | 16  | 17  | 14  | 13  | 15  |
| TELA            | HO | 11  | 13  | 18  | 21  | 23  | 13  | 17  | 16  | 13  | 8   | 5   | 6   |
| BLUEFIELDS      | NK | 16  | 15  | 17  | 18  | 13  | 8   | 13  | 12  | 14  | 10  | 10  | 14  |
| CHINANDEGA      | NK | 10  | 12  | 13  | 15  | 13  | 9   | 7   | 8   | 7   | 5   | 5   | 18  |
| JUIGALPA        | NK | 20  | 17  | 16  | 14  | 8   | 11  | 14  | 12  | 7   | 4   | 11  | 18  |
| MANAGUA         | NK | 17  | 17  | 16  | 11  | 7   | 6   | 8   | 6   | 4   | 3   | 3   | 9   |
| PUERTO CABEZAS  | NK | 15  | 13  | 14  | 13  | 14  | 8   | 8   | 13  | 16  | 16  | 15  | 18  |
| RIVAS           | NK | 16  | 18  | 18  | 17  | 11  | 9   | 15  | 12  | 7   | 6   | 9   | 16  |
| DAVID           | PM | 16  | 14  | 15  | 16  | 14  | 12  | 10  | 10  | 9   | 8   | 10  | 14  |
| HOWARD AFB      | PM | 26  | 25  | 25  | 22  | 12  | 11  | 13  | 12  | 8   | 7   | 10  | 18  |
| PANAMA CITY     | PM | 24  | 22  | 23  | 17  | 19  | 14  | 16  | 18  | 15  | 15  | 18  | 19  |
| SANTIAGO        | PM | 16  | 10  | 12  | 13  | 12  | 8   | 7   | 7   | 8   | 6   | 5   | 14  |
| TOCUMEN         | PM | 20  | 18  | 19  | 18  | 11  | 9   | 11  | 10  | 8   | 7   | 9   | 15  |

| 0600Z       |    | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL | BZ | 6   | 10  | 9   | 17  | 18  | 16  | 13  | 15  | 8   | 7   | 6   | 8   |
| SAN JOSE    | CS | 9   | 7   | 10  | 13  | 16  | 14  | 15  | 16  | 14  | 15  | 14  | 11  |

TABLE B-22, Cont'd

|                 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ACAJUTLA        | 16  | 12  | 14  | 12  | 10  | 13  | 12  | 10  | 10  | 13  | 15  | 16  |
| SAN SALVADOR    | ES  | 10  | 7   | 4   | 7   | 6   | 5   | 8   | 6   | 7   | 11  | 11  |
| GUATEMALA CITY  | GU  | 18  | 15  | 16  | 17  | 13  | 13  | 16  | 17  | 12  | 19  | 20  |
| HUEHUETENANGO   | GU  | 2   | 2   | 3   | 3   | 1   | 1   | 4   | 4   | 1   | 1   | 2   |
| PUERTO BARRIOS  | GU  | 5   | 5   | 3   | 7   | 4   | 3   | 5   | 3   | 6   | 4   | 7   |
| SAN JOSE        | GU  | 3   | 1   | 2   | 3   | 3   | 2   | 4   | 2   | 3   | 2   | *   |
| CATACAMAS       | HO  | 7   | 10  | 12  | 16  | 8   | 4   | 5   | 6   | 5   | 4   | 6   |
| CHOLUTECA       | HO  | 12  | 7   | 7   | 5   | 2   | 4   | 9   | 7   | 2   | 5   | 8   |
| ISLAS DEL CISNE | HO  | 18  | 16  | 14  | 15  | 14  | 15  | 22  | 24  | 18  | 22  | 19  |
| SAN PEDRO SULA  | HO  | 5   | 4   | 7   | 8   | 11  | 9   | 7   | 4   | 5   | 5   | 4   |
| TEGUCIGALPA     | HO  | 15  | 17  | 19  | 20  | 11  | 10  | 12  | 10  | 6   | 10  | 12  |
| TELA            | HO  | 3   | 3   | 4   | 4   | 3   | 4   | 8   | 5   | 2   | 2   | 1   |
| MANAGUA         | NK  | 4   | 8   | 12  | 12  | 6   | 2   | 1   | 1   | 1   | 0   | 0   |
| HOWARD AFB      | PH  | 22  | 22  | 23  | 19  | 8   | 7   | 10  | 9   | 6   | 5   | 8   |
| TOCUMEN         | PH  | 6   | 7   | 8   | 7   | 5   | 7   | 6   | 7   | 4   | 5   | 5   |

|                 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1200Z           |     |     |     |     |     |     |     |     |     |     |     |     |
| BELIZE INTL     | BZ  | 8   | 8   | 10  | 14  | 14  | 13  | 11  | 9   | 5   | 6   | 8   |
| LIMON           | CS  | 6   | 3   | 4   | 7   | 6   | 5   | 7   | 6   | 6   | 5   | 6   |
| NICOYA          | CS  | 8   | 10  | 8   | 8   | 1   | 1   | 2   | 1   | 1   | 0   | 3   |
| PUNTARENAS      | CS  | 4   | 5   | 2   | 4   | 1   | 1   | 1   | 2   | 1   | 1   | 2   |
| SAN JOSE        | CS  | 8   | 9   | 10  | 12  | 18  | 17  | 13  | 15  | 17  | 18  | 13  |
| ACAJUTLA        | ES  | 15  | 14  | 14  | 13  | 12  | 11  | 17  | 12  | 10  | 13  | 17  |
| SAN SALVADOR    | ES  | 15  | 10  | 6   | 9   | 4   | 7   | 13  | 11  | 7   | 11  | 15  |
| SANTA ANA       | ES  | 1   | 1   | 2   | 0   | 0   | 0   | 1   | 0   | 0   | 1   | 1   |
| FLORES          | GU  | 2   | 3   | 3   | 3   | 2   | 1   | 0   | 1   | 1   | 2   | 3   |
| GUATEMALA CITY  | GU  | 18  | 15  | 15  | 13  | 13  | 14  | 19  | 1   | 13  | 23  | 20  |
| HUEHUETENANGO   | GU  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 1   |
| POPTUN          | GU  | 2   | 2   | 5   | 6   | 5   | 4   | 2   | 0   | 1   | 2   | 2   |
| PUERTO BARRIOS  | GU  | 8   | 8   | 7   | 7   | 6   | 5   | 7   | 7   | 8   | 7   | 6   |
| RETALHULEU      | GU  | 13  | 10  | 6   | 8   | 6   | 2   | 5   | 9   | 2   | 3   | 6   |
| SAN JOSE        | GU  | 3   | 2   | 3   | 1   | 1   | 4   | 3   | 3   | 3   | 3   | 2   |
| CATACAMAS       | HO  | 5   | 3   | 5   | 3   | 3   | 2   | 4   | 3   | 2   | 3   | 5   |
| CHOLUTECA       | HO  | 14  | 12  | 9   | 6   | 3   | 7   | 10  | 9   | 3   | 6   | 10  |
| ISLAS DEL CISNE | HO  | 17  | 16  | 14  | 16  | 13  | 15  | 21  | 22  | 19  | 20  | 17  |
| SAN PEDRO SULA  | HO  | 2   | 3   | 3   | 5   | 5   | 3   | 2   | 2   | 3   | 2   | 3   |
| TEGUCIGALPA     | HO  | 11  | 11  | 11  | 12  | 8   | 7   | 9   | 9   | 5   | 9   | 12  |
| TELA            | HO  | 1   | 0   | 3   | 0   | 1   | 1   | 1   | 0   | 1   | 1   | 1   |

TABLE B-22, Cont'd

|                | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BLUEFIELDS     | 14  | 12  | 14  | 14  | 12  | 9   | 13  | 11  | 11  | 12  | 11  | 12  |
| MANAGUA        | 3   | 4   | 2   | 2   | 1   | 0   | 1   | 0   | 0   | 0   | 0   | 1   |
| PUERTO CABEZAS | 13  | 13  | 12  | 15  | 14  | 6   | 9   | 12  | 15  | 14  | 12  | 14  |
| RIVAS          | 13  | 18  | 18  | 16  | 11  | 7   | 11  | 9   | 7   | 5   | 10  | 14  |
| DAVID          | 8   | 6   | 5   | 5   | 4   | 5   | 4   | 3   | 2   | 2   | 2   | 4   |
| FORT SHERMAN   | 14  | 9   | 10  | 9   | 2   | 2   | 5   | 3   | 2   | 2   | 2   | 6   |
| HOWARD AFB     | 17  | 17  | 19  | 15  | 6   | 5   | 8   | 6   | 5   | 4   | 5   | 8   |
| PANAMA CITY    | 15  | 18  | 12  | 8   | 9   | 6   | 8   | 8   | 4   | 9   | 10  | 14  |
| TOCUMEN        | 7   | 7   | 5   | 6   | 5   | 5   | 5   | 7   | 7   | 6   | 5   | 5   |
| PM             |     |     |     |     |     |     |     |     |     |     |     |     |
| PM             |     |     |     |     |     |     |     |     |     |     |     |     |
| PM             |     |     |     |     |     |     |     |     |     |     |     |     |
| PM             |     |     |     |     |     |     |     |     |     |     |     |     |

|                 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| BELIZE INTL     | 18  | 16  | 16  | 15  | 11  | 8   | 9   | 12  | 14  | 16  | 16  | 18  |
| LIBERIA         | 2   | 1   | 0   | 0   | 2   | 6   | 4   | 10  | 6   | 9   | 11  | 4   |
| LIMON           | 14  | 15  | 15  | 14  | 11  | 11  | 11  | 14  | 15  | 13  | 11  | 13  |
| NICOYA          | 8   | 1   | 1   | 2   | 4   | 9   | 10  | 8   | 6   | 9   | 14  | 14  |
| PURTARENAS      | 8   | 4   | 1   | 1   | 5   | 8   | 9   | 7   | 8   | 9   | 9   | 11  |
| SAN JOSE        | 3   | 3   | 5   | 5   | 9   | 9   | 7   | 7   | 7   | 9   | 7   | 6   |
| CS              |     |     |     |     |     |     |     |     |     |     |     |     |
| ACAJUTLA        | 18  | 17  | 17  | 12  | 16  | 12  | 15  | 15  | 14  | 17  | 16  | 18  |
| SAN SALVADOR    | 15  | 15  | 17  | 15  | 16  | 11  | 15  | 17  | 10  | 13  | 15  | 16  |
| SANTA ANA       | 7   | 7   | 4   | 5   | 1   | 1   | 5   | 4   | 1   | 2   | 6   | 7   |
| ES              |     |     |     |     |     |     |     |     |     |     |     |     |
| FLORES          | 16  | 13  | 17  | 8   | 6   | 7   | 9   | 10  | 11  | 10  | 10  | 11  |
| GUATEMALA CITY  | 11  | 9   | 16  | 15  | 16  | 16  | 17  | 17  | 16  | 16  | 12  | 12  |
| HUEHUETENANGO   | 14  | 10  | 12  | 11  | 8   | 9   | 15  | 16  | 10  | 10  | 10  | 13  |
| POPTUN          | 13  | 14  | 9   | 13  | 13  | 15  | 17  | 16  | 11  | 14  | 12  | 17  |
| PUERTO BARRIOS  | 20  | 16  | 21  | 16  | 18  | 18  | 19  | 21  | 20  | 17  | 16  | 17  |
| RETALHULEU      | 9   | 10  | 7   | 2   | 11  | 14  | 19  | 18  | 18  | 21  | 16  | 13  |
| SAN JOSE        | 22  | 16  | 10  | 5   | 12  | 16  | 19  | 17  | 20  | 21  | 22  | 21  |
| GU              |     |     |     |     |     |     |     |     |     |     |     |     |
| CATACAMAS       | 11  | 11  | 16  | 13  | 7   | 7   | 12  | 11  | 9   | 6   | 5   | 8   |
| CHOLUTECA       | 3   | 1   | 1   | 1   | 2   | 6   | 5   | 4   | 5   | 5   | 4   | 4   |
| GUANAJA         | 8   | 9   | 12  | 12  | 11  | 11  | 12  | 11  | 6   | 8   | 3   | 8   |
| ISLAS DEL CISNE | 11  | 12  | 8   | 9   | 10  | 14  | 13  | 14  | 14  | 19  | 14  | 13  |
| LA CEIBA        | 19  | 19  | 23  | 21  | 16  | 14  | 18  | 22  | 20  | 17  | 15  | 16  |
| PUERTO LEMPIRA  | 14  | 13  | 18  | 10  | 9   | 11  | 15  | 13  | 12  | 12  | 12  | 12  |
| SAN PEDRO SULA  | 9   | 10  | 9   | 3   | 5   | 7   | 7   | 6   | 7   | 7   | 11  | 8   |
| TEGUCIGALPA     | 17  | 13  | 17  | 19  | 19  | 16  | 18  | 19  | 18  | 17  | 14  | 14  |
| TELA            | 18  | 17  | 20  | 18  | 13  | 15  | 19  | 21  | 14  | 17  | 13  | 16  |
| HO              |     |     |     |     |     |     |     |     |     |     |     |     |
| HO              |     |     |     |     |     |     |     |     |     |     |     |     |
| HO              |     |     |     |     |     |     |     |     |     |     |     |     |
| HO              |     |     |     |     |     |     |     |     |     |     |     |     |
| HO              |     |     |     |     |     |     |     |     |     |     |     |     |
| HO              |     |     |     |     |     |     |     |     |     |     |     |     |
| HO              |     |     |     |     |     |     |     |     |     |     |     |     |
| HO              |     |     |     |     |     |     |     |     |     |     |     |     |
| BLUEFIELDS      | 12  | 15  | 15  | 18  | 14  | 9   | 8   | 11  | 14  | 13  | 12  | 13  |
| CHINANDEGA      | 5   | 2   | 1   | 1   | 3   | 5   | 3   | 7   | 9   | 8   | 12  | 4   |
| JUIGALPA        | 15  | 15  | 17  | 10  | 6   | 14  | 18  | 19  | 15  | 19  | 15  | 15  |
| MANAGUA         | 11  | 8   | 4   | 2   | 3   | 7   | 11  | 11  | 9   | 7   | 10  | 15  |
| PUERTO CABEZAS  | 12  | 13  | 14  | 11  | 16  | 8   | 5   | 11  | 16  | 13  | 11  | 11  |
| RIVAS           | 16  | 13  | 17  | 18  | 16  | 15  | 18  | 16  | 18  | 14  | 18  | 19  |
| NK              |     |     |     |     |     |     |     |     |     |     |     |     |
| NK              |     |     |     |     |     |     |     |     |     |     |     |     |
| NK              |     |     |     |     |     |     |     |     |     |     |     |     |
| NK              |     |     |     |     |     |     |     |     |     |     |     |     |
| NK              |     |     |     |     |     |     |     |     |     |     |     |     |

TABLE B-22, Cont'd

|              | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DAVID        | 14  | 10  | 12  | 14  | 19  | 20  | 20  | 21  | 20  | 22  | 21  | 22  |
| FORT SHERMAN | 17  | 17  | 19  | 17  | 7   | 8   | 9   | 7   | 7   | 6   | 7   | 15  |
| HOWARD AFB   | 13  | 7   | 7   | 7   | 12  | 14  | 13  | 15  | 17  | 14  | 13  | 14  |
| PANAMA CITY  | 14  | 9   | 18  | 12  | 25  | 22  | 18  | 21  | 21  | 19  | 17  | 17  |
| SANTIAGO     | 12  | 10  | 7   | 8   | 8   | 11  | 9   | 10  | 12  | 11  | 13  | 11  |
| TUCUMEN      | 7   | 4   | 4   | 6   | 13  | 12  | 11  | 12  | 13  | 14  | 12  | 10  |
| PM           |     |     |     |     |     |     |     |     |     |     |     |     |
| PM           |     |     |     |     |     |     |     |     |     |     |     |     |
| PM           |     |     |     |     |     |     |     |     |     |     |     |     |
| PM           |     |     |     |     |     |     |     |     |     |     |     |     |
| PM           |     |     |     |     |     |     |     |     |     |     |     |     |
| PM           |     |     |     |     |     |     |     |     |     |     |     |     |

TABLE B-23 Cloud-Free Line-of-Sight (Percent Frequency Based on Total Sky Cover)

|        |  | SAN JOSE CS (FEB) |  |    |    |    |    |    |    |    |    |    |  |
|--------|--|-------------------|--|----|----|----|----|----|----|----|----|----|--|
|        |  | ANGLE             |  | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR     |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 00 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 06 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 12 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 18 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
|        |  | ANGLE             |  | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR     |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 00 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 06 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 12 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 18 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
|        |  | ANGLE             |  | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR     |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 00 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 06 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 12 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 18 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
|        |  | ANGLE             |  | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR     |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 00 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 06 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 12 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 18 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
|        |  | ANGLE             |  | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR     |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 00 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 06 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 12 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 18 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
|        |  | ANGLE             |  | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR     |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 00 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 06 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 12 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 18 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
|        |  | ANGLE             |  | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR     |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 00 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 06 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 12 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 18 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
|        |  | ANGLE             |  | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR     |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 00 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 06 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 12 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 18 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
|        |  | ANGLE             |  | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR     |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 00 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 06 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 12 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |
| 18 LST |  |                   |  |    |    |    |    |    |    |    |    |    |  |

TABLE B-23, Cont'd

|        | HOWARD AFB PH (FEB)     |    |    |    |    |    |    |    |    |    |
|--------|-------------------------|----|----|----|----|----|----|----|----|----|
|        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |                         |    |    |    |    |    |    |    |    |    |
| 01 LST |                         | 91 | 90 | 90 | 90 | 89 | 88 | 87 | 85 | 81 |
| 07 LST |                         | 76 | 76 | 76 | 75 | 74 | 72 | 70 | 65 | 58 |
| 13 LST |                         | 69 | 69 | 68 | 68 | 67 | 65 | 61 | 55 | 46 |
| 19 LST |                         | 81 | 80 | 80 | 80 | 79 | 77 | 75 | 70 | 64 |
|        |                         |    |    |    |    |    |    |    |    |    |
|        | SAN JOSE CS (MAY)       |    |    |    |    |    |    |    |    |    |
|        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |                         |    |    |    |    |    |    |    |    |    |
| 00 LST |                         | 57 | 56 | 56 | 56 | 55 | 54 | 52 | 49 | 44 |
| 06 LST |                         | 45 | 45 | 44 | 44 | 43 | 41 | 39 | 35 | 29 |
| 12 LST |                         | 39 | 39 | 38 | 38 | 37 | 35 | 33 | 29 | 22 |
| 18 LST |                         | 23 | 23 | 23 | 23 | 23 | 21 | 19 | 17 | 13 |
|        |                         |    |    |    |    |    |    |    |    |    |
|        | SAN SALVADOR ES (MAY)   |    |    |    |    |    |    |    |    |    |
|        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |                         |    |    |    |    |    |    |    |    |    |
| 00 LST |                         | 54 | 53 | 53 | 53 | 52 | 51 | 48 | 44 | 39 |
| 06 LST |                         | 43 | 43 | 43 | 42 | 41 | 40 | 36 | 32 | 25 |
| 12 LST |                         | 52 | 52 | 52 | 51 | 50 | 48 | 44 | 39 | 31 |
| 18 LST |                         | 47 | 47 | 47 | 46 | 45 | 43 | 40 | 36 | 29 |
|        |                         |    |    |    |    |    |    |    |    |    |
|        | GUATEMALA CITY GU (MAY) |    |    |    |    |    |    |    |    |    |
|        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |                         |    |    |    |    |    |    |    |    |    |
| 00 LST |                         | 45 | 44 | 44 | 44 | 44 | 42 | 40 | 37 | 33 |
| 06 LST |                         | 35 | 34 | 34 | 34 | 33 | 32 | 30 | 27 | 22 |
| 12 LST |                         | 42 | 42 | 42 | 41 | 40 | 39 | 36 | 32 | 26 |
| 18 LST |                         | 28 | 28 | 28 | 28 | 27 | 27 | 24 | 21 | 17 |
|        |                         |    |    |    |    |    |    |    |    |    |
|        | CATACAMAS HO (MAY)      |    |    |    |    |    |    |    |    |    |
|        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |                         |    |    |    |    |    |    |    |    |    |
| 00 LST |                         | 56 | 56 | 55 | 55 | 54 | 53 | 50 | 47 | 42 |
| 06 LST |                         | 46 | 45 | 45 | 44 | 44 | 41 | 38 | 34 | 27 |
| 12 LST |                         | 59 | 59 | 58 | 58 | 56 | 54 | 49 | 44 | 35 |
| 18 LST |                         | 53 | 53 | 52 | 52 | 51 | 49 | 45 | 41 | 34 |
|        |                         |    |    |    |    |    |    |    |    |    |
|        | SAN PEDRO SULA HO (MAY) |    |    |    |    |    |    |    |    |    |
|        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |                         |    |    |    |    |    |    |    |    |    |
| 00 LST |                         | 63 | 62 | 62 | 61 | 60 | 58 | 55 | 50 | 44 |
| 06 LST |                         | 57 | 57 | 57 | 56 | 55 | 53 | 49 | 43 | 37 |
| 12 LST |                         | 65 | 65 | 64 | 64 | 63 | 60 | 56 | 51 | 43 |
| 18 LST |                         | 57 | 56 | 56 | 55 | 54 | 52 | 49 | 44 | 37 |
|        |                         |    |    |    |    |    |    |    |    |    |
|        | TEGUCIGALPA HO (MAY)    |    |    |    |    |    |    |    |    |    |
|        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |                         |    |    |    |    |    |    |    |    |    |
| 00 LST |                         | 50 | 50 | 50 | 49 | 49 | 47 | 44 | 40 | 34 |
| 06 LST |                         | 50 | 49 | 49 | 48 | 47 | 45 | 41 | 36 | 29 |
| 12 LST |                         | 57 | 57 | 56 | 55 | 54 | 51 | 47 | 41 | 32 |
| 18 LST |                         | 44 | 44 | 43 | 43 | 42 | 40 | 36 | 32 | 25 |

TABLE B-23, Cont'd

|    |        | MANAGUA NK (MAY)        |    |    |    |    |    |    |    |    |    |
|----|--------|-------------------------|----|----|----|----|----|----|----|----|----|
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         |    |    |    |    |    |    |    |    |    |
|    | 06 LST |                         | 60 | 60 | 60 | 59 | 59 | 57 | 55 | 52 | 47 |
|    | 12 LST |                         | 32 | 32 | 32 | 32 | 31 | 30 | 27 | 25 | 20 |
|    | 18 LST |                         | 34 | 34 | 33 | 33 | 32 | 31 | 28 | 25 | 19 |
|    |        |                         | 32 | 31 | 31 | 31 | 30 | 29 | 27 | 24 | 19 |
|    |        |                         |    |    |    |    |    |    |    |    |    |
|    |        | HOWARD AFB PH (MAY)     |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 01 LST |                         | 57 | 56 | 56 | 55 | 54 | 53 | 50 | 46 | 40 |
|    | 07 LST |                         | 40 | 40 | 40 | 39 | 39 | 37 | 34 | 30 | 24 |
|    | 13 LST |                         | 31 | 31 | 31 | 30 | 30 | 28 | 25 | 22 | 17 |
|    | 19 LST |                         | 30 | 30 | 29 | 29 | 28 | 27 | 24 | 22 | 17 |
|    |        |                         |    |    |    |    |    |    |    |    |    |
|    |        | SAN JOSE CS (AUG)       |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 46 | 46 | 45 | 45 | 44 | 43 | 40 | 37 | 31 |
|    | 06 LST |                         | 44 | 44 | 43 | 43 | 42 | 40 | 37 | 33 | 27 |
|    | 12 LST |                         | 33 | 33 | 32 | 32 | 31 | 30 | 27 | 23 | 18 |
|    | 18 LST |                         | 16 | 16 | 16 | 16 | 16 | 15 | 13 | 11 | 08 |
|    |        |                         |    |    |    |    |    |    |    |    |    |
|    |        | SAN SALVADOR ES (AUG)   |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 34 | 33 | 33 | 33 | 32 | 31 | 29 | 26 | 21 |
|    | 06 LST |                         | 41 | 41 | 41 | 40 | 39 | 37 | 34 | 29 | 22 |
|    | 12 LST |                         | 50 | 49 | 49 | 48 | 47 | 45 | 41 | 36 | 29 |
|    | 18 LST |                         | 39 | 39 | 39 | 38 | 37 | 36 | 32 | 28 | 21 |
|    |        |                         |    |    |    |    |    |    |    |    |    |
|    |        | GUATEMALA CITY GU (AUG) |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 33 | 33 | 33 | 32 | 32 | 30 | 28 | 26 | 21 |
|    | 06 LST |                         | 24 | 24 | 24 | 24 | 23 | 22 | 20 | 17 | 13 |
|    | 12 LST |                         | 27 | 27 | 27 | 26 | 26 | 24 | 22 | 19 | 15 |
|    | 18 LST |                         | 18 | 18 | 17 | 17 | 17 | 16 | 14 | 12 | 09 |
|    |        |                         |    |    |    |    |    |    |    |    |    |
|    |        | CATACAMAS HO (AUG)      |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 49 | 49 | 49 | 48 | 47 | 45 | 42 | 38 | 32 |
|    | 06 LST |                         | 46 | 46 | 46 | 45 | 44 | 42 | 39 | 35 | 28 |
|    | 12 LST |                         | 54 | 54 | 53 | 52 | 51 | 48 | 44 | 39 | 30 |
|    | 18 LST |                         | 39 | 39 | 39 | 38 | 37 | 35 | 32 | 28 | 21 |
|    |        |                         |    |    |    |    |    |    |    |    |    |
|    |        | SAN PEDRO SULA HO (AUG) |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 41 | 40 | 40 | 40 | 39 | 37 | 33 | 29 | 22 |
|    | 06 LST |                         | 51 | 51 | 50 | 49 | 48 | 45 | 41 | 36 | 27 |
|    | 12 LST |                         | 55 | 55 | 54 | 53 | 52 | 50 | 45 | 39 | 31 |
|    | 18 LST |                         | 44 | 44 | 44 | 43 | 42 | 39 | 36 | 31 | 23 |

TABLE B-23, Cont'd

|       |        | TEGUCIGALPA HO (AUG)    |    |    |    |    |    |    |    |    |  |
|-------|--------|-------------------------|----|----|----|----|----|----|----|----|--|
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 00 LST | 49                      | 49 | 49 | 48 | 47 | 45 | 42 | 37 | 30 |  |
|       | 06 LST | 46                      | 46 | 46 | 45 | 44 | 42 | 38 | 33 | 25 |  |
|       | 12 LST | 50                      | 50 | 49 | 48 | 47 | 45 | 40 | 35 | 27 |  |
|       | 18 LST | 44                      | 44 | 44 | 43 | 42 | 40 | 36 | 31 | 23 |  |
|       |        | MANAGUA NK (AUG)        |    |    |    |    |    |    |    |    |  |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 00 LST | 51                      | 50 | 50 | 49 | 49 | 47 | 44 | 40 | 35 |  |
|       | 06 LST | 30                      | 30 | 29 | 29 | 28 | 27 | 24 | 21 | 17 |  |
|       | 12 LST | 25                      | 25 | 25 | 25 | 24 | 23 | 21 | 18 | 13 |  |
|       | 18 LST | 15                      | 15 | 15 | 15 | 15 | 14 | 12 | 10 | 07 |  |
|       |        | HOWARD AFB PH (AUG)     |    |    |    |    |    |    |    |    |  |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 01 LST | 44                      | 44 | 43 | 43 | 42 | 40 | 38 | 34 | 29 |  |
|       | 07 LST | 33                      | 33 | 33 | 32 | 32 | 30 | 28 | 24 | 19 |  |
|       | 13 LST | 28                      | 28 | 27 | 27 | 27 | 25 | 23 | 20 | 15 |  |
|       | 19 LST | 20                      | 20 | 20 | 20 | 20 | 18 | 16 | 14 | 10 |  |
|       |        | SAN JOSE CS (NOV)       |    |    |    |    |    |    |    |    |  |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 00 LST | 56                      | 56 | 55 | 55 | 54 | 53 | 50 | 47 | 42 |  |
|       | 06 LST | 52                      | 52 | 52 | 51 | 50 | 49 | 46 | 42 | 36 |  |
|       | 12 LST | 44                      | 44 | 43 | 43 | 42 | 40 | 37 | 34 | 27 |  |
|       | 18 LST | 31                      | 31 | 31 | 30 | 30 | 28 | 26 | 23 | 18 |  |
|       |        | SAN SALVADOR ES (NOV)   |    |    |    |    |    |    |    |    |  |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 00 LST | 74                      | 74 | 74 | 74 | 73 | 71 | 68 | 64 | 58 |  |
|       | 06 LST | 70                      | 70 | 69 | 69 | 68 | 66 | 62 | 58 | 50 |  |
|       | 12 LST | 73                      | 73 | 72 | 71 | 70 | 68 | 65 | 60 | 53 |  |
|       | 18 LST | 64                      | 64 | 63 | 63 | 62 | 60 | 56 | 51 | 43 |  |
|       |        | GUATEMALA CITY GU (NOV) |    |    |    |    |    |    |    |    |  |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 00 LST | 53                      | 52 | 52 | 52 | 51 | 50 | 47 | 44 | 40 |  |
|       | 06 LST | 53                      | 53 | 53 | 52 | 51 | 50 | 47 | 44 | 39 |  |
|       | 12 LST | 53                      | 53 | 52 | 52 | 51 | 49 | 46 | 41 | 35 |  |
|       | 18 LST | 50                      | 50 | 50 | 49 | 49 | 47 | 44 | 41 | 35 |  |
|       |        | CATACAMAS HO (NOV)      |    |    |    |    |    |    |    |    |  |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 00 LST | 58                      | 58 | 57 | 57 | 56 | 54 | 51 | 47 | 41 |  |
|       | 06 LST | 61                      | 61 | 60 | 60 | 59 | 56 | 52 | 47 | 40 |  |
|       | 12 LST | 54                      | 54 | 53 | 52 | 51 | 49 | 44 | 39 | 31 |  |
|       | 18 LST | 52                      | 52 | 51 | 51 | 50 | 47 | 43 | 38 | 30 |  |

TABLE B-23, Cont'd

|    |        | SAN PEDRO SULA HO (NOV) |    |    |    |    |    |    |    |    |    |
|----|--------|-------------------------|----|----|----|----|----|----|----|----|----|
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 56 | 55 | 55 | 54 | 53 | 51 | 48 | 44 | 37 |
|    | 06 LST |                         | 50 | 50 | 50 | 49 | 48 | 46 | 42 | 38 | 30 |
|    | 12 LST |                         | 47 | 46 | 46 | 45 | 44 | 42 | 38 | 34 | 26 |
|    | 18 LST |                         | 48 | 48 | 47 | 47 | 45 | 43 | 40 | 35 | 27 |
|    |        | TEGUCIGALPA HO (NOV)    |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 58 | 58 | 58 | 57 | 56 | 54 | 51 | 46 | 39 |
|    | 06 LST |                         | 53 | 52 | 52 | 50 | 50 | 38 | 44 | 48 | 30 |
|    | 12 LST |                         | 53 | 52 | 52 | 51 | 50 | 47 | 43 | 38 | 30 |
|    | 18 LST |                         | 50 | 50 | 49 | 49 | 48 | 45 | 42 | 37 | 29 |
|    |        | MANAGUA NK (NOV)        |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 64 | 64 | 63 | 63 | 62 | 61 | 58 | 55 | 50 |
|    | 06 LST |                         | 46 | 46 | 46 | 45 | 44 | 43 | 40 | 36 | 31 |
|    | 12 LST |                         | 44 | 44 | 44 | 43 | 42 | 41 | 38 | 34 | 28 |
|    | 18 LST |                         | 39 | 39 | 39 | 39 | 38 | 36 | 34 | 31 | 25 |
|    |        | HOWARD AFB PM (NOV)     |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 01 LST |                         | 53 | 53 | 52 | 52 | 51 | 49 | 46 | 42 | 36 |
|    | 07 LST |                         | 45 | 44 | 44 | 43 | 43 | 41 | 37 | 33 | 27 |
|    | 13 LST |                         | 35 | 35 | 34 | 34 | 33 | 31 | 28 | 25 | 19 |
|    | 19 LST |                         | 32 | 32 | 32 | 31 | 31 | 29 | 27 | 23 | 18 |

TABLE B-24 Cloud-Free Line-of-Sight (Percent Frequency Based on Ceiling/Visibility > 3,000 ft/3 miles)

|        |  | SAN JOSE CS (FEB)       |     |    |    |    |    |    |    |    |    |
|--------|--|-------------------------|-----|----|----|----|----|----|----|----|----|
|        |  | ANGLE                   | 90  | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |  |                         |     |    |    |    |    |    |    |    |    |
| 00 LST |  |                         | 99  | 98 | 98 | 98 | 98 | 98 | 97 | 97 | 95 |
| 06 LST |  |                         | 99  | 98 | 98 | 98 | 98 | 97 | 96 | 96 | 94 |
| 12 LST |  |                         | 99  | 98 | 98 | 98 | 97 | 97 | 96 | 95 | 94 |
| 18 LST |  |                         | 94  | 93 | 93 | 93 | 92 | 92 | 90 | 88 | 85 |
|        |  |                         |     |    |    |    |    |    |    |    |    |
|        |  | SAN SALVADOR ES(FEB)    |     |    |    |    |    |    |    |    |    |
|        |  | ANGLE                   | 90  | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |  |                         |     |    |    |    |    |    |    |    |    |
| 00 LST |  |                         | 100 | 99 | 99 | 99 | 99 | 99 | 98 | 98 | 97 |
| 06 LST |  |                         | 100 | 99 | 99 | 99 | 99 | 99 | 98 | 98 | 97 |
| 12 LST |  |                         | 99  | 98 | 98 | 98 | 98 | 98 | 97 | 96 | 95 |
| 18 LST |  |                         | 100 | 99 | 99 | 99 | 99 | 98 | 97 | 97 | 96 |
|        |  |                         |     |    |    |    |    |    |    |    |    |
|        |  | GUATEMALA CITY GU (FEB) |     |    |    |    |    |    |    |    |    |
|        |  | ANGLE                   | 90  | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |  |                         |     |    |    |    |    |    |    |    |    |
| 00 LST |  |                         | 76  | 76 | 76 | 75 | 75 | 74 | 72 | 70 | 66 |
| 06 LST |  |                         | 66  | 66 | 65 | 65 | 65 | 63 | 61 | 58 | 53 |
| 12 LST |  |                         | 81  | 81 | 80 | 80 | 79 | 77 | 74 | 70 | 64 |
| 18 LST |  |                         | 88  | 88 | 87 | 87 | 86 | 85 | 83 | 79 | 74 |
|        |  |                         |     |    |    |    |    |    |    |    |    |
|        |  | CATACAMAS HO (FEB)      |     |    |    |    |    |    |    |    |    |
|        |  | ANGLE                   | 90  | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |  |                         |     |    |    |    |    |    |    |    |    |
| 00 LST |  |                         | 91  | 90 | 90 | 90 | 89 | 88 | 86 | 82 | 78 |
| 06 LST |  |                         | 87  | 85 | 86 | 86 | 84 | 83 | 80 | 75 | 69 |
| 12 LST |  |                         | 82  | 81 | 80 | 80 | 79 | 77 | 73 | 68 | 60 |
| 18 LST |  |                         | 90  | 90 | 89 | 89 | 88 | 87 | 85 | 81 | 75 |
|        |  |                         |     |    |    |    |    |    |    |    |    |
|        |  | SAN PEDRO SULA HO(FEB)  |     |    |    |    |    |    |    |    |    |
|        |  | ANGLE                   | 90  | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |  |                         |     |    |    |    |    |    |    |    |    |
| 00 LST |  |                         | 82  | 82 | 81 | 81 | 80 | 78 | 75 | 71 | 64 |
| 06 LST |  |                         | 83  | 82 | 82 | 81 | 80 | 79 | 76 | 71 | 65 |
| 12 LST |  |                         | 79  | 78 | 78 | 77 | 76 | 74 | 71 | 65 | 58 |
| 18 LST |  |                         | 83  | 83 | 82 | 82 | 81 | 80 | 76 | 72 | 65 |
|        |  |                         |     |    |    |    |    |    |    |    |    |
|        |  | TEGUCIGALPA HO (FEB)    |     |    |    |    |    |    |    |    |    |
|        |  | ANGLE                   | 90  | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |  |                         |     |    |    |    |    |    |    |    |    |
| 00 LST |  |                         | 80  | 79 | 79 | 78 | 77 | 76 | 73 | 69 | 63 |
| 06 LST |  |                         | 76  | 76 | 75 | 75 | 74 | 72 | 69 | 64 | 57 |
| 12 LST |  |                         | 80  | 80 | 80 | 79 | 78 | 77 | 74 | 70 | 64 |
| 18 LST |  |                         | 83  | 82 | 82 | 81 | 80 | 79 | 76 | 72 | 66 |
|        |  |                         |     |    |    |    |    |    |    |    |    |
|        |  | MANAGUA NK (FEB)        |     |    |    |    |    |    |    |    |    |
|        |  | ANGLE                   | 90  | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR     |  |                         |     |    |    |    |    |    |    |    |    |
| 00 LST |  |                         | 97  | 96 | 96 | 96 | 95 | 95 | 94 | 93 | 90 |
| 06 LST |  |                         | 95  | 94 | 94 | 94 | 93 | 92 | 90 | 87 | 83 |
| 12 LST |  |                         | 85  | 85 | 84 | 84 | 83 | 81 | 78 | 73 | 66 |
| 18 LST |  |                         | 91  | 90 | 90 | 90 | 89 | 88 | 86 | 82 | 77 |

TABLE B-24, Cont'd

|       |        | HOWARD AFB PH (FEB)     |    |    |    |    |    |    |    |    |  |
|-------|--------|-------------------------|----|----|----|----|----|----|----|----|--|
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 01 LST | 100                     | 99 | 99 | 99 | 99 | 98 | 97 | 97 | 97 |  |
|       | 07 LST | 95                      | 94 | 94 | 94 | 93 | 93 | 92 | 88 | 85 |  |
|       | 13 LST | 85                      | 84 | 84 | 84 | 83 | 80 | 78 | 72 | 64 |  |
|       | 19 LST | 95                      | 94 | 94 | 94 | 93 | 93 | 91 | 88 | 85 |  |
|       |        |                         |    |    |    |    |    |    |    |    |  |
|       |        | SAN JOSE CS (MAY)       |    |    |    |    |    |    |    |    |  |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 00 LST | 94                      | 93 | 93 | 93 | 93 | 92 | 91 | 90 | 88 |  |
|       | 06 LST | 98                      | 97 | 97 | 97 | 97 | 96 | 96 | 95 | 94 |  |
|       | 12 LST | 91                      | 90 | 90 | 90 | 89 | 88 | 86 | 83 | 77 |  |
|       | 18 LST | 81                      | 80 | 80 | 79 | 79 | 77 | 74 | 70 | 65 |  |
|       |        |                         |    |    |    |    |    |    |    |    |  |
|       |        | SAN SALVADOR ES(MAY)    |    |    |    |    |    |    |    |    |  |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 00 LST | 92                      | 91 | 91 | 91 | 90 | 90 | 89 | 88 | 86 |  |
|       | 06 LST | 94                      | 93 | 93 | 93 | 92 | 92 | 91 | 89 | 87 |  |
|       | 12 LST | 89                      | 88 | 88 | 87 | 87 | 86 | 84 | 81 | 77 |  |
|       | 18 LST | 88                      | 87 | 87 | 87 | 86 | 85 | 82 | 79 | 74 |  |
|       |        |                         |    |    |    |    |    |    |    |    |  |
|       |        | GUATEMALA CITY SU (MAY) |    |    |    |    |    |    |    |    |  |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 00 LST | 75                      | 75 | 74 | 74 | 73 | 72 | 69 | 66 | 61 |  |
|       | 06 LST | 81                      | 80 | 80 | 80 | 79 | 78 | 75 | 73 | 68 |  |
|       | 12 LST | 74                      | 73 | 73 | 72 | 71 | 69 | 66 | 60 | 52 |  |
|       | 18 LST | 60                      | 60 | 79 | 78 | 77 | 76 | 73 | 68 | 61 |  |
|       |        |                         |    |    |    |    |    |    |    |    |  |
|       |        | CATACANAS HO (MAY)      |    |    |    |    |    |    |    |    |  |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 00 LST | 86                      | 85 | 85 | 85 | 84 | 82 | 80 | 75 | 70 |  |
|       | 06 LST | 85                      | 85 | 85 | 84 | 83 | 81 | 78 | 73 | 66 |  |
|       | 12 LST | 85                      | 84 | 84 | 83 | 82 | 81 | 78 | 73 | 67 |  |
|       | 18 LST | 88                      | 88 | 87 | 87 | 86 | 85 | 83 | 80 | 75 |  |
|       |        |                         |    |    |    |    |    |    |    |    |  |
|       |        | SAN PEDRO SULA HO(MAY)  |    |    |    |    |    |    |    |    |  |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 00 LST | 86                      | 86 | 85 | 85 | 84 | 82 | 79 | 75 | 68 |  |
|       | 06 LST | 89                      | 88 | 88 | 88 | 87 | 86 | 83 | 79 | 74 |  |
|       | 12 LST | 88                      | 87 | 87 | 87 | 86 | 84 | 82 | 77 | 71 |  |
|       | 18 LST | 84                      | 83 | 83 | 82 | 81 | 79 | 76 | 71 | 64 |  |
|       |        |                         |    |    |    |    |    |    |    |    |  |
|       |        | TEGUCIGALPA HO (MAY)    |    |    |    |    |    |    |    |    |  |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |  |
| HR    | 00 LST | 76                      | 76 | 75 | 75 | 74 | 72 | 69 | 64 | 57 |  |
|       | 06 LST | 74                      | 74 | 73 | 73 | 71 | 69 | 66 | 61 | 53 |  |
|       | 12 LST | 80                      | 80 | 79 | 79 | 78 | 76 | 73 | 69 | 62 |  |
|       | 18 LST | 78                      | 78 | 77 | 77 | 76 | 74 | 71 | 67 | 60 |  |

TABLE B-24, Cont'd

|    |        | MANAGUA NK (MAY)        |    |    |    |    |    |    |    |    |    |
|----|--------|-------------------------|----|----|----|----|----|----|----|----|----|
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 91 | 90 | 90 | 89 | 89 | 88 | 85 | 82 | 77 |
|    | 06 LST |                         | 88 | 87 | 87 | 86 | 85 | 84 | 82 | 77 | 71 |
|    | 12 LST |                         | 79 | 79 | 78 | 78 | 77 | 74 | 71 | 65 | 58 |
|    | 18 LST |                         | 87 | 87 | 86 | 86 | 84 | 83 | 80 | 75 | 69 |
|    |        | HOWARD AFB PH (MAY)     |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 01 LST |                         | 93 | 93 | 92 | 92 | 91 | 90 | 89 | 86 | 82 |
|    | 07 LST |                         | 87 | 87 | 87 | 86 | 85 | 84 | 81 | 77 | 71 |
|    | 13 LST |                         | 81 | 81 | 80 | 79 | 78 | 76 | 73 | 67 | 58 |
|    | 19 LST |                         | 87 | 87 | 86 | 86 | 85 | 83 | 81 | 76 | 70 |
|    |        | SAN JOSE CS (AUG)       |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 94 | 94 | 94 | 94 | 93 | 93 | 91 | 89 | 87 |
|    | 06 LST |                         | 99 | 98 | 98 | 98 | 98 | 98 | 97 | 96 | 94 |
|    | 12 LST |                         | 89 | 89 | 88 | 88 | 87 | 86 | 83 | 80 | 75 |
|    | 18 LST |                         | 82 | 82 | 81 | 81 | 80 | 78 | 75 | 72 | 66 |
|    |        | SAN SALVADOR ES (AUG)   |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 83 | 82 | 82 | 82 | 81 | 81 | 79 | 77 | 74 |
|    | 06 LST |                         | 91 | 91 | 90 | 90 | 89 | 89 | 88 | 86 | 83 |
|    | 12 LST |                         | 86 | 85 | 85 | 84 | 83 | 82 | 79 | 76 | 70 |
|    | 18 LST |                         | 80 | 80 | 80 | 79 | 78 | 77 | 74 | 70 | 65 |
|    |        | GUATEMALA CITY GU (AUG) |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 55 | 55 | 54 | 54 | 53 | 51 | 48 | 45 | 39 |
|    | 06 LST |                         | 69 | 68 | 68 | 68 | 67 | 65 | 62 | 59 | 53 |
|    | 12 LST |                         | 65 | 65 | 64 | 63 | 62 | 60 | 56 | 50 | 42 |
|    | 18 LST |                         | 77 | 77 | 76 | 76 | 75 | 73 | 69 | 64 | 57 |
|    |        | CATACAMAS HO (AUG)      |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 83 | 82 | 82 | 81 | 80 | 78 | 75 | 78 | 63 |
|    | 06 LST |                         | 86 | 86 | 86 | 85 | 84 | 82 | 80 | 75 | 68 |
|    | 12 LST |                         | 79 | 78 | 77 | 77 | 75 | 73 | 69 | 63 | 54 |
|    | 18 LST |                         | 82 | 81 | 81 | 80 | 79 | 77 | 74 | 68 | 60 |
|    |        | SAN PEDRO SULA HO (AUG) |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 74 | 74 | 73 | 72 | 71 | 68 | 64 | 58 | 49 |
|    | 06 LST |                         | 83 | 83 | 82 | 82 | 80 | 78 | 75 | 70 | 62 |
|    | 12 LST |                         | 76 | 76 | 75 | 75 | 73 | 71 | 67 | 60 | 51 |
|    | 18 LST |                         | 73 | 73 | 72 | 71 | 70 | 67 | 63 | 56 | 46 |

TABLE B-24, Cont'd

|       |        | TEGUCIGALPA HO (AUG)    |    |    |    |    |    |    |    |    |    |
|-------|--------|-------------------------|----|----|----|----|----|----|----|----|----|
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |    |
| HR    | 00 LST |                         | 72 | 71 | 71 | 70 | 69 | 67 | 63 | 57 | 49 |
|       | 06 LST |                         | 63 | 63 | 62 | 62 | 61 | 58 | 54 | 48 | 40 |
|       | 12 LST |                         | 69 | 68 | 68 | 67 | 66 | 64 | 60 | 55 | 46 |
|       | 18 LST |                         | 74 | 73 | 73 | 72 | 71 | 69 | 66 | 61 | 54 |
|       |        | MANAGUA NK (AUG)        |    |    |    |    |    |    |    |    |    |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |    |
| HR    | 00 LST |                         | 87 | 86 | 86 | 85 | 85 | 83 | 81 | 77 | 71 |
|       | 06 LST |                         | 86 | 85 | 85 | 84 | 84 | 82 | 79 | 74 | 68 |
|       | 12 LST |                         | 75 | 75 | 74 | 74 | 72 | 70 | 66 | 60 | 51 |
|       | 18 LST |                         | 82 | 82 | 81 | 81 | 80 | 78 | 75 | 70 | 62 |
|       |        | HOWARD AFB PH (AUG)     |    |    |    |    |    |    |    |    |    |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |    |
| HR    | 01 LST |                         | 94 | 94 | 94 | 93 | 92 | 92 | 90 | 87 | 83 |
|       | 07 LST |                         | 89 | 89 | 88 | 88 | 88 | 85 | 83 | 78 | 72 |
|       | 13 LST |                         | 83 | 83 | 83 | 82 | 81 | 79 | 76 | 70 | 72 |
|       | 19 LST |                         | 87 | 87 | 87 | 86 | 85 | 84 | 82 | 76 | 70 |
|       |        | SAN JOSE CS (NOV)       |    |    |    |    |    |    |    |    |    |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |    |
| HR    | 00 LST |                         | 94 | 94 | 93 | 93 | 93 | 92 | 91 | 89 | 86 |
|       | 06 LST |                         | 95 | 95 | 95 | 94 | 94 | 92 | 91 | 88 | 88 |
|       | 12 LST |                         | 90 | 89 | 89 | 89 | 88 | 87 | 85 | 82 | 77 |
|       | 18 LST |                         | 82 | 81 | 81 | 80 | 79 | 78 | 75 | 71 | 66 |
|       |        | SAN SALVADOR ES (NOV)   |    |    |    |    |    |    |    |    |    |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |    |
| HR    | 00 LST |                         | 96 | 96 | 96 | 95 | 95 | 95 | 94 | 93 | 92 |
|       | 06 LST |                         | 99 | 98 | 98 | 98 | 97 | 97 | 96 | 96 | 94 |
|       | 12 LST |                         | 96 | 96 | 96 | 95 | 95 | 93 | 92 | 89 | 89 |
|       | 18 LST |                         | 92 | 91 | 91 | 91 | 90 | 90 | 88 | 86 | 83 |
|       |        | GUATEMALA CITY GU (NOV) |    |    |    |    |    |    |    |    |    |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |    |
| HR    | 00 LST |                         | 63 | 63 | 63 | 62 | 62 | 61 | 58 | 55 | 51 |
|       | 06 LST |                         | 72 | 71 | 71 | 71 | 70 | 69 | 66 | 63 | 58 |
|       | 12 LST |                         | 75 | 75 | 75 | 74 | 73 | 71 | 67 | 62 | 54 |
|       | 18 LST |                         | 82 | 81 | 81 | 81 | 80 | 78 | 75 | 70 | 63 |
|       |        | CATACAHAS HO (NOV)      |    |    |    |    |    |    |    |    |    |
| ANGLE |        | 90                      | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |    |
| HR    | 00 LST |                         | 86 | 85 | 84 | 84 | 83 | 82 | 78 | 74 | 67 |
|       | 06 LST |                         | 85 | 85 | 84 | 84 | 83 | 81 | 78 | 73 | 66 |
|       | 12 LST |                         | 79 | 79 | 78 | 77 | 76 | 74 | 70 | 63 | 54 |
|       | 18 LST |                         | 83 | 82 | 82 | 81 | 80 | 78 | 75 | 69 | 61 |

TABLE B-24, Cont'd

|    |        | SAN PEDRO SULA HO (NOV) |    |    |    |    |    |    |    |    |    |
|----|--------|-------------------------|----|----|----|----|----|----|----|----|----|
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 85 | 84 | 84 | 83 | 82 | 80 | 78 | 73 | 66 |
|    | 06 LST |                         | 78 | 78 | 77 | 77 | 76 | 73 | 70 | 64 | 57 |
|    | 12 LST |                         | 74 | 73 | 73 | 72 | 71 | 68 | 64 | 58 | 48 |
|    | 18 LST |                         | 77 | 77 | 76 | 76 | 74 | 72 | 68 | 62 | 53 |
|    |        |                         |    |    |    |    |    |    |    |    |    |
|    |        | TEGUCIGALPA: HO (NOV)   |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 70 | 70 | 69 | 65 | 68 | 66 | 62 | 57 | 50 |
|    | 06 LST |                         | 59 | 59 | 58 | 57 | 56 | 54 | 50 | 45 | 36 |
|    | 12 LST |                         | 68 | 67 | 67 | 66 | 65 | 63 | 59 | 54 | 46 |
|    | 18 LST |                         | 71 | 70 | 70 | 69 | 68 | 66 | 62 | 57 | 49 |
|    |        |                         |    |    |    |    |    |    |    |    |    |
|    |        | MANAGUA: NK (NOV)       |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 00 LST |                         | 92 | 92 | 92 | 91 | 90 | 89 | 88 | 84 | 80 |
|    | 06 LST |                         | 91 | 90 | 90 | 90 | 89 | 87 | 85 | 81 | 75 |
|    | 12 LST |                         | 82 | 82 | 81 | 81 | 80 | 78 | 75 | 69 | 62 |
|    | 18 LST |                         | 84 | 84 | 83 | 83 | 82 | 80 | 77 | 72 | 65 |
|    |        |                         |    |    |    |    |    |    |    |    |    |
|    |        | HOWARD AFB PM (NOV)     |    |    |    |    |    |    |    |    |    |
|    |        | ANGLE                   | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 |
| HR | 01 LST |                         | 94 | 94 | 93 | 93 | 92 | 92 | 90 | 87 | 83 |
|    | 07 LST |                         | 88 | 88 | 88 | 87 | 86 | 84 | 82 | 77 | 71 |
|    | 13 LST |                         | 81 | 80 | 80 | 79 | 78 | 76 | 72 | 66 | 57 |
|    | 19 LST |                         | 88 | 88 | 87 | 87 | 86 | 85 | 82 | 78 | 72 |

TABLE B-25 Master Station List

| STATION NAME        | CO | LAT    | LOX    | ELEV<br>FEET | NUM<br>YRS |
|---------------------|----|--------|--------|--------------|------------|
| AUGUSTINE PINE 10   | BZ | 17.98N | 88.72W | UNK          | 10         |
| BELIZE INTL         | BZ | 17.53N | 88.30W | 17           | 49         |
| CENTRAL FARM        | BZ | 17.22N | 89.00W | 200          | 10         |
| COOMA CAIRN         | BZ | 17.00N | 88.83W | UNK          | 10         |
| COROZAL             | BZ | 18.40N | 88.40W | UNK          | 10         |
| GRACIE ROCK         | BZ | 17.37N | 88.45W | UNK          | 10         |
| MACHACA             | BZ | 16.20N | 88.90W | UNK          | 10         |
| MANGO CREEK         | BZ | 16.55N | 88.58W | 12           | 10         |
| MIDDLESEX           | BZ | 17.03N | 88.52W | UNK          | 10         |
| POMONA              | BZ | 17.00N | 88.37W | UNK          | 10         |
| STANN CREEK AGR     | BZ | 17.00N | 88.22W | 10           | 10         |
| AGUA BUENA          | CS | 8.73N  | 82.92W | 1000         | 13         |
| ARGENTINA GRECIA    | CS | 10.03N | 84.35W | 2705         | 30         |
| BARTOLO             | CS | 9.42N  | 84.10W | 10           | 14         |
| COLORADO            | CS | 10.73N | 83.58W | 19           | 10         |
| COTO 26             | CS | 8.53N  | 83.05W | 3            | 16         |
| GOOD HOPE           | CS | 10.07N | 83.32W | 354          | 20         |
| JUAN VIVAS          | CS | 9.57N  | 83.73W | 3821         | 10         |
| LIBERIA             | CS | 10.62N | 85.43W | 262          | 12         |
| LIMON               | CS | 10.00N | 83.05W | 16           | 20         |
| LOS DIAMANTES       | CS | 10.22N | 83.77W | 983          | 20         |
| NARANJO             | CS | 10.10N | 84.37W | 3417         | 10         |
| NICOYA              | CS | 10.15N | 85.45W | 426          | 10         |
| OROTINA             | CS | 9.88N  | 84.52W | 734          | 10         |
| PALMAR SUR          | CS | 8.95N  | 83.47W | 53           | 18         |
| PUERTO CORTES       | CS | 8.97N  | 83.53W | 33           | 10         |
| PUERTO VIEJO        | CS | 10.43N | 83.98W | 291          | 10         |
| PUNTARENAS          | CS | 9.97N  | 84.83W | 10           | 9          |
| QUEBRADA GRANDE     | CS | 10.83N | 85.50W | 1311         | 10         |
| SAN JOAQUIN FLORES  | CS | 10.02N | 84.13W | 3447         | 20         |
| SAN JOSE            | CS | 9.98N  | 84.22W | 3080         | 97         |
| SAN MIGUEL BARRANCA | CS | 10.00N | 84.68W | 459          | 20         |
| SANTA CRUZ          | CS | 10.27N | 85.62W | 163          | 10         |
| TURRIALBA           | CS | 9.68N  | 83.63W | 1974         | 30         |
| ACAJUTLA            | ES | 13.57N | 89.83W | 49           | 54         |
| APOPA               | ES | 13.80N | 89.18W | 1640         | 28         |
| COATEPEQUE          | ES | 13.90N | 89.83W | 2655         | 35         |
| COJUTEPEQUE         | ES | 13.72N | 88.93W | 2624         | 29         |
| CUTUCO              | ES | 13.33N | 87.82W | 16           | 29         |
| EL CONGO            | ES | 13.90N | 89.50W | 2755         | 34         |
| FCA. SAN JOSE       | ES | 13.73N | 89.30W | 3493         | 21         |
| LA TOMA             | ES | 13.85N | 89.28W | 1000         | 27         |
| METAPAN             | ES | 14.33N | 89.47W | 1525         | 27         |
| SAN MIGUEL          | ES | 13.45N | 88.12W | 328          | 29         |
| SAN SALVADORE       | ES | 13.70N | 89.12W | 2230         | 55         |
| SANTA ANA           | ES | 13.98N | 89.57W | 2116         | 55         |
| SONSONATE           | ES | 13.72N | 89.73W | 738          | 42         |
| TEXIS JUNCTION      | ES | 14.10N | 89.52W | 1312         | 26         |
| VALLE SAN JUAN      | ES | 13.35N | 88.62W | 164          | 27         |
| ZACATECOLUCA        | ES | 13.50N | 88.87W | 558          | 29         |

TABLE B-25, Cont'd

| STATION NAME     | CO | LAT    | LON    | ELEV<br>FEET | NUM<br>YRS |
|------------------|----|--------|--------|--------------|------------|
| AGUA BLANCA      | GU | 14.52N | 89.62W | 2919         | 19         |
| ANGUIATU         | GU | 14.35N | 89.58W | 1613         | 26         |
| ANTIGUA          | GU | 14.55N | 90.73W | 5018         | 26         |
| BELIZ            | GU | 14.67N | 90.63W | 2755         | 26         |
| BUENA VISTA      | GU | 14.62N | 91.63W | 1449         | 16         |
| CASTANEDA        | GU | 14.63N | 89.43W | 2131         | 27         |
| CHAMPERICO       | GU | 14.30N | 91.92W | 16           | 25         |
| CHIACAM          | GU | 15.55N | 90.10W | 3115         | 13         |
| CHINASYUB        | GU | 15.60N | 90.47W | 2591         | 19         |
| COATEPEQUE       | GU | 14.70N | 91.87W | 1607         | 26         |
| CONCEPCION       | GU | 14.32N | 90.78W | 1393         | 20         |
| CREEK            | GU | 15.32N | 88.95W | 180          | 26         |
| EL PASO          | GU | 17.25N | 90.23W | 163          | 11         |
| EL RANCHO        | GU | 14.92N | 90.00W | 898          | 25         |
| EL VALLE         | GU | 15.87N | 90.28W | 3394         | 14         |
| ENTRE RIOS       | GU | 14.48N | 91.57W | 655          | 12         |
| FLORES           | GU | 16.92N | 89.88W | 377          | 10         |
| GUATEMALA CITY   | GU | 14.58N | 90.52W | 4884         | 50         |
| GUAXAC           | GU | 15.33N | 90.13W | 3935         | 14         |
| HUEHUETENANGO    | GU | 15.32N | 91.47W | 6235         | 10         |
| LA GLORIA        | GU | 14.12N | 90.28W | 3214         | 13         |
| LA MORENA        | GU | 14.17N | 90.37W | 2427         | 25         |
| LA REUNION       | GU | 14.43N | 90.83W | 4696         | 20         |
| LAS DELICIAS     | GU | 14.53N | 91.02W | 3279         | 31         |
| LAS VINAS        | GU | 14.33N | 90.43W | 3329         | 44         |
| LOS BALSAMOS     | GU | 14.98N | 89.92W | 4166         | 14         |
| MAYAGUA          | GU | 15.45N | 89.67W | 1639         | 17         |
| MOCCA            | GU | 15.35N | 90.90W | 3411         | 24         |
| MORAN            | GU | 14.48N | 90.53W | 4001         | 26         |
| MORELIA          | GU | 14.42N | 90.97W | 2951         | 51         |
| PALG GORDO       | GU | 14.48N | 91.40W | 793          | 16         |
| PAMPOJILA        | GU | 14.62N | 91.13W | 5018         | 23         |
| PAHNEE PLAYITAS  | GU | 15.35N | 88.82W | 193          | 26         |
| PENA PLATA       | GU | 14.45N | 91.08W | 2033         | 13         |
| POPTUN           | GU | 16.32N | 89.42W | 1640         | 9          |
| PUERTO BARRIOS   | GU | 15.72N | 88.60W | 3            | 26         |
| QUIRIGUA         | GU | 15.27N | 89.07W | 239          | 26         |
| RETALHULEU       | GU | 14.52N | 91.70W | 784          | 9          |
| SAN JOSE         | GU | 13.92N | 90.82W | 6            | 13         |
| SAN RAFAEL PANAN | GU | 14.50N | 91.25W | 2164         | 10         |
| SANARATE         | GU | 14.78N | 90.20W | 2663         | 25         |
| SANTA TERESA     | GU | 14.98N | 91.90W | 2705         | 25         |
| SEPACUITE        | GU | 15.47N | 87.78W | 3214         | 22         |
| TENEDORES        | GU | 15.55N | 89.63W | 85           | 26         |
| TINAJAS          | GU | 15.32N | 89.67W | 65           | 13         |
| WESTFALIA        | GU | 15.25N | 89.90W | 2099         | 16         |

TABLE B-25, Cont'd

| STATION NAME        | CO | LAT    | LOX    | ELEV<br>FEET | NUM<br>YRS |
|---------------------|----|--------|--------|--------------|------------|
| AGUA CALIENTE       | HO | 14.67N | 87.30W | 1820         | 15         |
| ANAPA               | HO | 15.05N | 87.98W | 226          | 17         |
| ANPALA              | HO | 13.30N | 87.63W | 16           | 22         |
| CATACAMAS           | HO | 14.90N | 85.93W | 1450         | 31         |
| CHOLUTeca           | HO | 13.30N | 87.18W | 157          | 27         |
| CHUMBAGUA           | HO | 15.25N | 88.47W | 997          | 18         |
| COMAYAGUA           | HO | 14.42N | 87.63W | UNK          | 16         |
| COYOLCS             | HO | 15.48N | 86.68W | 1000         | 32         |
| DULCE NOMBRE        | HO | 14.83N | 88.83W | 3352         | 16         |
| EL ZAMORANO         | HO | 14.00N | 87.03W | 2601         | 25         |
| FINCA #17           | HO | 15.25N | 87.88W | UNK          | 20         |
| GUANACASTAL         | HO | 15.67N | 87.83W | 36           | 41         |
| GUANAJA             | HO | 16.47N | 85.92W | 6            | 27         |
| HAC. SAN ISIDRO     | HO | 13.87N | 86.57W | 2597         | 10         |
| ISLAS DEL CISNE     | HO | 17.40N | 83.93W | UNK          | 9          |
| JUTIAPA             | HO | 15.78N | 86.57W | 75           | 13         |
| JUTICALPA           | HO | 14.77N | 86.25W | 1295         | 16         |
| LA CEIBA            | HO | 15.75N | 86.87W | 85           | 35         |
| LA MESA             | HO | 15.45N | 87.93W | 85           | 18         |
| LAHANI              | HO | 14.15N | 87.62W | 2384         | 12         |
| LOS PLANES          | HO | 15.62N | 86.40W | 226          | 41         |
| MANACAL             | HO | 15.38N | 88.17W | 311          | 13         |
| MARCLA              | HO | 14.12N | 88.00W | 3998         | 10         |
| MINAS SAN ANDRES    | HO | 14.92N | 88.93W | UNK          | 11         |
| MOROCELI            | HO | 14.13N | 86.88W | 2020         | 13         |
| NVO OCOTEPEQUE      | HO | 14.43N | 89.17W | 2601         | 20         |
| NVO ROSARIO         | HO | 14.22N | 87.08W | 3860         | 54         |
| PENA BLANCA         | HO | 14.93N | 88.05W | 1597         | 13         |
| PROGRESO            | HO | 15.35N | 87.97W | 98           | 36         |
| PUERTO CORTES       | HO | 15.80N | 87.93W | 3            | 39         |
| PUERTO LEMPIRA      | HO | 15.22N | 83.78W | 42           | 20         |
| SABANAGRANDE        | HO | 13.82N | 87.27W | 3345         | 13         |
| SAN ALEJO           | HO | 15.63N | 87.57W | UNK          | 13         |
| SAN MARCOS          | HO | 13.42N | 86.82W | 3220         | 11         |
| SAN PEDRO SULA      | HO | 15.45N | 87.93W | 102          | 42         |
| SANTA ROSA DE COPAN | HO | 14.78N | 88.60W | 3542         | 31         |
| TEGUCIGALPA         | HO | 14.05N | 87.22W | 3302         | 40         |
| TELA                | HO | 15.72N | 87.48W | 10           | 41         |
| TRUJILLO            | HO | 15.92N | 85.98W | 60           | 16         |
| URRACO              | HO | 15.55N | 87.77W | 39           | 28         |
| VERACRUZ            | HO | 14.90N | 88.78W | 2997         | 16         |
| YORO                | HO | 15.17N | 87.12W | 2000         | 13         |
| ZACAPA              | HO | 14.68N | 88.07W | 1498         | 12         |
| BLUEFIELDS          | NK | 12.00N | 83.77W | 28           | 23         |
| CARATERA            | NK | 13.22N | 85.75W | UNK          | 10         |
| CHINANDEGA          | NK | 12.62N | 87.15W | 135          | 14         |
| COLON               | NK | 11.12N | 85.47W | UNK          | 23         |
| ESTELI              | NK | 13.08N | 86.38W | UNK          | 12         |
| GRANADA             | NK | 11.93N | 85.95W | UNK          | 79         |
| JINOTEGA            | NK | 13.10N | 86.00W | UNK          | 10         |
| JUIGALPA            | NK | 12.08N | 85.40W | 384          | 24         |
| LEON                | NK | 12.45N | 86.87W | 262          | 13         |
| LOS PILARES         | NK | 10.83N | 83.97W | UNK          | 24         |

TABLE B-25, Cont'd

| STATION NAME        | CO | LAT    | LOX    | ELEV<br>FEET | NUM<br>YRS |
|---------------------|----|--------|--------|--------------|------------|
| MANAGUA             | NK | 12.12N | 86.15W | 174          | 37         |
| MATAGALPA           | NK | 12.88N | 85.95W | UNK          | 10         |
| MUHAN               | NK | 12.13N | 84.97W | UNK          | 10         |
| PUERTO CABEZAS      | NK | 14.03N | 83.40W | 45           | 20         |
| RIVAS               | NK | 11.43N | 85.83W | 164          | 35         |
| SAN ANTONIO         | NK | 12.58N | 87.08W | UNK          | 56         |
| SAN JUAN DEL NORTE  | NK | 10.93N | 83.70W | UNK          | 24         |
| SAN MARCOS          | NK | 11.83N | 86.20W | UNK          | 10         |
| SAN MIGUELITO       | NK | 11.38N | 84.90W | UNK          | 25         |
| SAN UBALDO          | NK | 11.83N | 85.33W | UNK          | 25         |
| SIUNA               | NK | 13.67N | 84.58W | 500          | 23         |
| ALANJE              | PH | 8.30N  | 82.53W | UNK          | 10         |
| ALTO LINO           | PH | 8.60N  | 82.50W | UNK          | 6          |
| BALBOA HEIGHTS      | PH | 8.97N  | 79.55W | 33           | 12         |
| BOCA DE CUPE        | PH | 8.05N  | 77.58W | UNK          | 10         |
| BOCAS DEL TORO INTL | PH | 9.33N  | 82.23W | 7            | 9          |
| CALDERA             | PH | 8.65N  | 82.38W | UNK          | 10         |
| CAMERON             | PH | 8.07N  | 81.65W | UNK          | 10         |
| CHANGUINOLA INTL    | PH | 9.47N  | 82.52W | 16           | 47         |
| CHORRO              | PH | 8.97N  | 79.98W | 140          | 19         |
| CRISTOBAL           | PH | 9.35N  | 79.92W | UNK          | 96         |
| DAVID               | PH | 8.38N  | 82.43W | 89           | 9          |
| FORT SHERMAN        | PH | 9.33N  | 79.98W | 10           | 9          |
| GAMBOA              | PH | 9.12N  | 79.70W | 110          | 82         |
| GATUN               | PH | 9.27N  | 79.93W | 95           | 62         |
| HOWARD AFB          | PH | 8.92N  | 79.60W | 53           | 25         |
| ISLA GRANDE         | PH | 9.63N  | 79.57W | 240          | 36         |
| JAQUE               | PH | 7.52N  | 78.15W | 30           | 9          |
| LA PALMA            | PH | 8.42N  | 89.15W | 33           | 9          |
| MADDEN DAM          | PH | 9.20N  | 79.62W | 250          | 67         |
| MONTE LIRIO         | PH | 9.23N  | 79.85W | 280          | 58         |
| MARGANA             | PH | 9.48N  | 78.52W | 10           | 14         |
| PANAMA CITY         | PH | 8.98N  | 79.52W | 43           | 9          |
| PEDRO MIGUEL        | PH | 9.02N  | 79.62W | 100          | 38         |
| PELUCA              | PH | 9.38N  | 79.57W | 350          | 30         |
| PORVENIR            | PH | 9.57N  | 78.95W | 7            | 9          |
| PUERTO ARMUELLES    | PH | 9.90N  | 84.10W | 50           | 10         |
| PUERTO OBALDIA      | PH | 8.67N  | 77.42W | 3            | 37         |
| RIO HATO            | PH | 8.38N  | 80.12W | 98           | 9          |
| SALAMANCA           | PH | 9.32N  | 79.58W | 270          | 53         |
| SANTA CLARA         | PH | 8.40N  | 80.12W | 120          | 24         |
| SANTA ROSA          | PH | 8.20N  | 80.67W | 80           | 41         |
| SANTIAGO            | PH | 8.08N  | 80.95W | 272          | 9          |
| TOCUMEN             | PH | 9.08N  | 79.37W | 135          | 9          |
| TONOSI              | PH | 7.38N  | 80.38W | 50           | 42         |

## NOTES

1. LATITUDE/LONGITUDE IN DEGREES AND HUNDREDTHS
2. NUMBER OF YEARS IS THE OVERALL PERIOD. A PARTICULAR SUMMARY MAY USE ALL OR PART OF THE OVERALL PERIOD.
3. FOR SOME STATIONS PRECIPITATION AND TEMPERATURES MAY BE RECORDED AT SITES IN THE VICINITY OF THE STATION BUT NOT AT THE SAME EXACT LOCATION.

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