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NWC TP 4441
Part 6
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STORAGE TEMPERATURE OF EXPLOSIVE HAZARD MAGAZINES

Part 6. CONTINENTAL UNITED STATES

by

I. S. Kurotori, R. Massaro,
and H. C. Schafer
Propulsion Development Department

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ABSTRACT. Storage magazine temperature measurements (157,235 data points) from Portsmouth, Virginia; Charleston, South Carolina; Crane, Indiana; McAlester, Oklahoma; Dallas, Texas; Corpus Christi, Texas; Concord, California; El Toro, California; Seal Beach, California; and Indian Head, Maryland are under study to establish a temperature criterion by statistical methods for ordnance stored in explosive hazard magazines.

This report is the sixth of the series of reports that covers explosive hazard magazine storage temperatures in most parts of the world. This report includes 37 figures and 33 tables.

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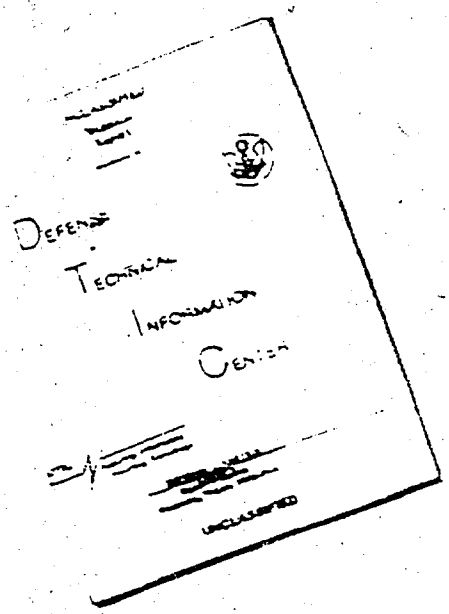

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FOREWORD

This report (Part 6) is a continuation of the work accomplished by the Naval Weapons Center (NWC), China Lake, California, covered in NOTS TP 4143, Part 1, American Desert; Part 2, Western Pacific; Part 3, Okinawa and Japan; NWC TP 4143, Part 4, Cold Extremes; and Part 5, Caribbean and Mid-Atlantic. It is the sixth in this series of reports and covers work accomplished by NWC to determine the valid temperature environment of ordnance stored in "explosive hazard magazines" located in Virginia, South Carolina, Indiana, Oklahoma, Texas, California and Maryland.

It is expected that there will be sufficient interest generated among ordnance designers to warrant continued work in the study of storage temperatures in the areas already covered and in other areas.

This work was supported by Task Assignment Number A-33-536-711/216-1/F009-06-01.

This report has been reviewed for technical accuracy by Warren W. Oshel.

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INTRODUCTION

Environmental temperature criteria are a major controlling factor in the design of all types of ordnance. However, the accepted temperature criteria, as set forth in Military Specifications, may be such that there are ordnance that actually meet the needs of our Naval services and yet have failed over-strenuous qualification requirements. If accurate knowledge of the thermodynamic interplay between the atmospheric temperature and the ordnance hardware temperature is known, more realistic design criteria can be assigned. It is therefore important that the actual temperature environment of ordnance be investigated to determine realistic limitations of thermal exposure relative to in-Fleet service. Realistic qualification tests can then be formulated to simulate the known service conditions. Accomplishment of the foregoing suggestions can then be used to either (1) authenticate the existing Military Specifications or (2) make more realistic the criteria set forth in these specifications.

The first five parts of this report, American Desert, Western Pacific, Okinawa and Japan, Cold Extremes, and Caribbean and Mid-Atlantic, have encompassed the range of temperatures to which ordnance are exposed in storage magazines. It was found that in the storage magazines, the MIL-STD high temperature of 165°F and the low temperature of -65°F are not realistic. This report includes temperatures from storages located in the Continental United States and also supports the findings in the first five parts. The data are available because of the requirement set forth in the Naval Ordnance Systems Command publication OP5, "Ammunition Ashore, Handling, Storage and Shipping," which defines a requirement for recording and returning magazine maximum and minimum air temperature records.

This report covers a comparatively small area of the storage environment of explosive ordnance. Storage temperatures were obtained by personnel at the Naval Ammunition Depot (NAD), Portsmouth, Virginia; Naval Weapons Station (NWS), Charleston, South Carolina; Naval Ammunition Depot (NAD), Crane, Indiana; Naval Ammunition Depot (NAD), McAlester, Oklahoma; Naval Air Station (NAS), Dallas, Texas; Naval Air Station (NAS), Corpus Christi, Texas; Naval Weapons Station (NWS), Concord, California; Marine Corps Air Station (MCAS), El Toro, California; Naval Weapons Station (NWS), Seal Beach, California and the Naval Ordnance Station (NOS), Indian Head, Maryland, for use in their ammunition safety programs.

The data reported herein are comprised of the measured air temperatures inside the described structures only. Any ordnance stored in these structures cannot be expected to thermally follow the variations in temperature of the enclosed air. The difference in mass between the air and ordnance can be expected to prevent this. Therefore, any temperature herein reported can be treated as "conservative" for the temperature

of the ordnance stored in these explosive hazard magazines. (In general, the temperature of the ordnance hardware will tend to follow the mean daily air temperature within the storage structure rather than the maximum and minimum recorded air temperatures.)

INSTRUMENTATION

The magazine temperature data were obtained through the use of "horseshoe" maximum and minimum mercury thermometers. These thermometers are equipped with steel "tattletale" devices that float on the mercury and remain at the highest and lowest temperature positions reached during the measurement period. The ordnancemen reset the tattletales with a magnet after reading the indicated maximum and minimum temperature for the measurement period. The manufacturers of the thermometers (Taylor, Weksler, and Moeller) warrant that the temperature readings are accurate to within 2°F at the time of delivery. These thermometers are generally mounted on the inside forward face or the back wall of the storage magazines at about eye level (standard procedure).

Nonstandard magazines, such as buried transportainers, may not allow the placement of the thermometers at the standard locations within the magazine. Thermometers have been observed to be mounted on boards, or even bare, and situated for convenience even in "standard" types of magazines.

METHOD OF DATA RETRIEVAL AND REDUCTION

All available storage magazine temperature data from NAD, Portsmouth, Virginia; NWS, Charleston, South Carolina; NAD, Crane, Indiana; NAD, McAlester, Oklahoma; NAS, Dallas, Texas; NAS, Corpus Christi, Texas; NWS, Concord, California; MCAS, El Toro, California; NWS, Seal Beach, California; and NOS, Indian Head, Maryland, were collected and sent to the Analysis Branch, Propulsion Development Department at NWC. The raw data were reduced to meaningful statistics and the significant points of interest for each location were tabulated. These were (1) the number of temperature measurements collected, (2) the number of measured temperatures greater than or equal to 90, 100, and 110°F for each month, and (3) the average maximum and the average minimum temperatures for each month. The method used in processing the data is explained in detail in Appendix A.

RESULTS

The number of the temperature readings greater than or equal to 90, 100, and 110°F (the maximum recorded temperature) and the minimum recorded temperature from both earth-covered and non-earth-covered magazines located in Portsmouth, Virginia; Charleston, South Carolina; Crane, Indiana; McAlester, Oklahoma; Dallas, Texas; Corpus Christi, Texas; Concord, California, El Toro, California; Seal Beach, California; and Indian Head, Maryland, is presented in Table 1. The detailed monthly breakdowns from which the data in Table 1 were summarized are presented in Appendix B.

The results presented in Table 1 give an indication of temperatures to be expected in explosive hazard magazines at locations indicated. Some of the differences in temperatures between locations is due to the construction of the individual storage magazines. Descriptions of the magazine classifications pertinent to this report are given in Appendix C.

The average maximum and minimum temperatures of each month for the magazine sites are shown in Fig. 1 through 15. Figures 1, 3, 4, 5, 7, 9, 10, 12, and 14 are data reported from earth-covered explosive hazard magazines at these various locations. Figures 2, 6, 8, 11, 13, and 15 are the data reported from the non-earth-covered magazines. The upper lines in Fig. 1 through 15 represent the monthly observed average maximums and the lower lines represent the observed average minimums.

The data which support the plots of Fig. 1 through 15 are included in Appendix D. These data include the number of measured points from which the averages and the standard deviations were computed.

The importance of reporting these data and the implications arising therefrom are discussed in Appendix E.

TABLE 1. Data Summary by Station and Magazine Type

Storage locations	Magazine type	Months[a]	N[b]	Number of maximum temp., greater than or equal to			Recorded temp., °F	
				90°F	100°F	110°F	Max.	Min.
NAD, Portsmouth, Va.	Earth	156	9,562	388	9	0	107	23
	Non-earth	157	38,564	5368	551	31	115	11
NWS, Charleston, SC	Earth	47	18,550	5	0	0	91	28
NAD, Crane, Ind.	Earth	37	4,507	0	0	0	86	10
NAD, McAlester, Okla.	Earth	114	5,231	57	0	0	99	18
NAS, Dallas, Tex.	Non-earth	46	11,180	2146	220	0	106	11
NAS, Corpus Christi, Tex.	Earth	24	3,838	397	0	0	99	40
	Non-earth	24	1,877	246	0	0	95	27
NWS, Concord, Calif.	Earth	139	15,271	31	0	0	97	32
MCAS, El Toro, Calif.	Earth	69	3,967	22	4	2	112	32
	Non-earth	58	894	162	9	0	106	32
NWS, Seal Beach, Calif.	Earth	60	17,403	0	0	0	88	42
	Non-earth	50	200	2	0	0	92	40
NOS, Indian Head, Md.	Earth	36	20,219	177	6	0	104	18
	Non-earth	39	5,972	348	6	0	107	10

[a]Length of time in months.

[b]Number of data points represented in the sample.

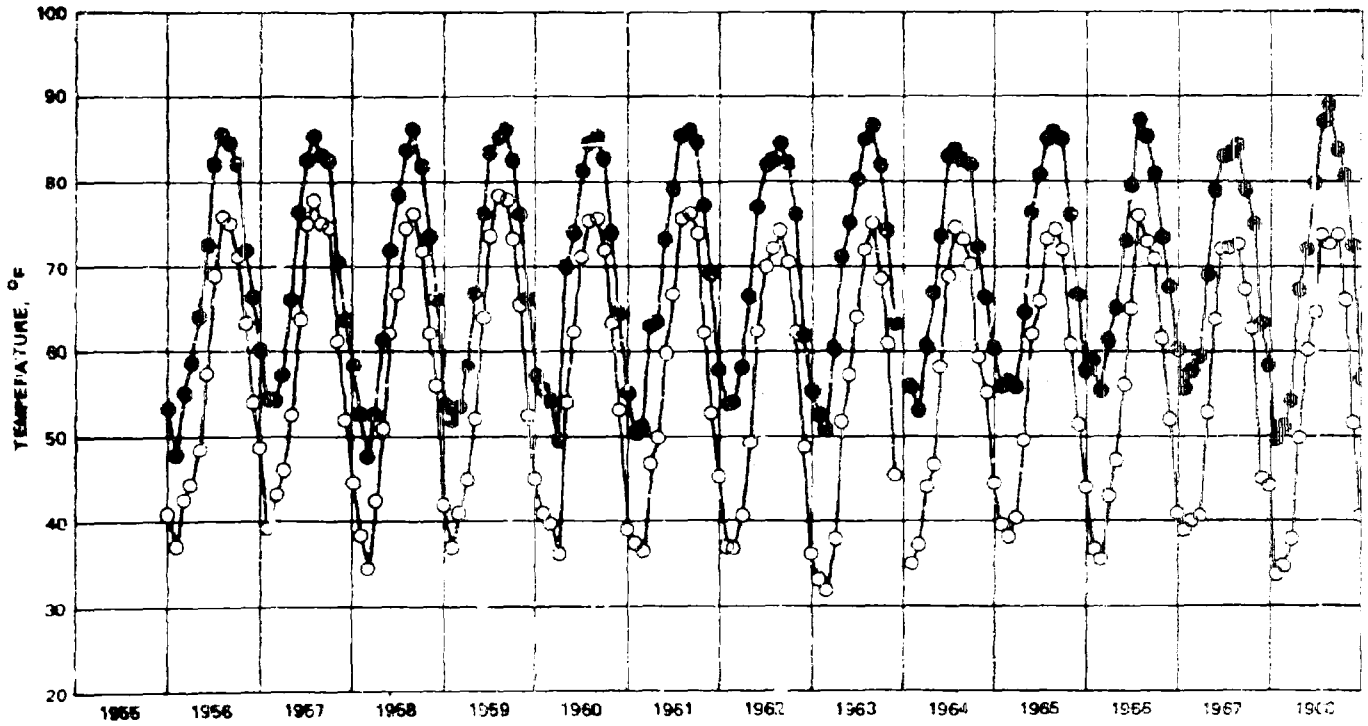

FIG. 1. Mean Maximum and Minimum Temperatures, Portsmouth, Virginia, Earth-Covered Magazines (Temperatures Read Daily).

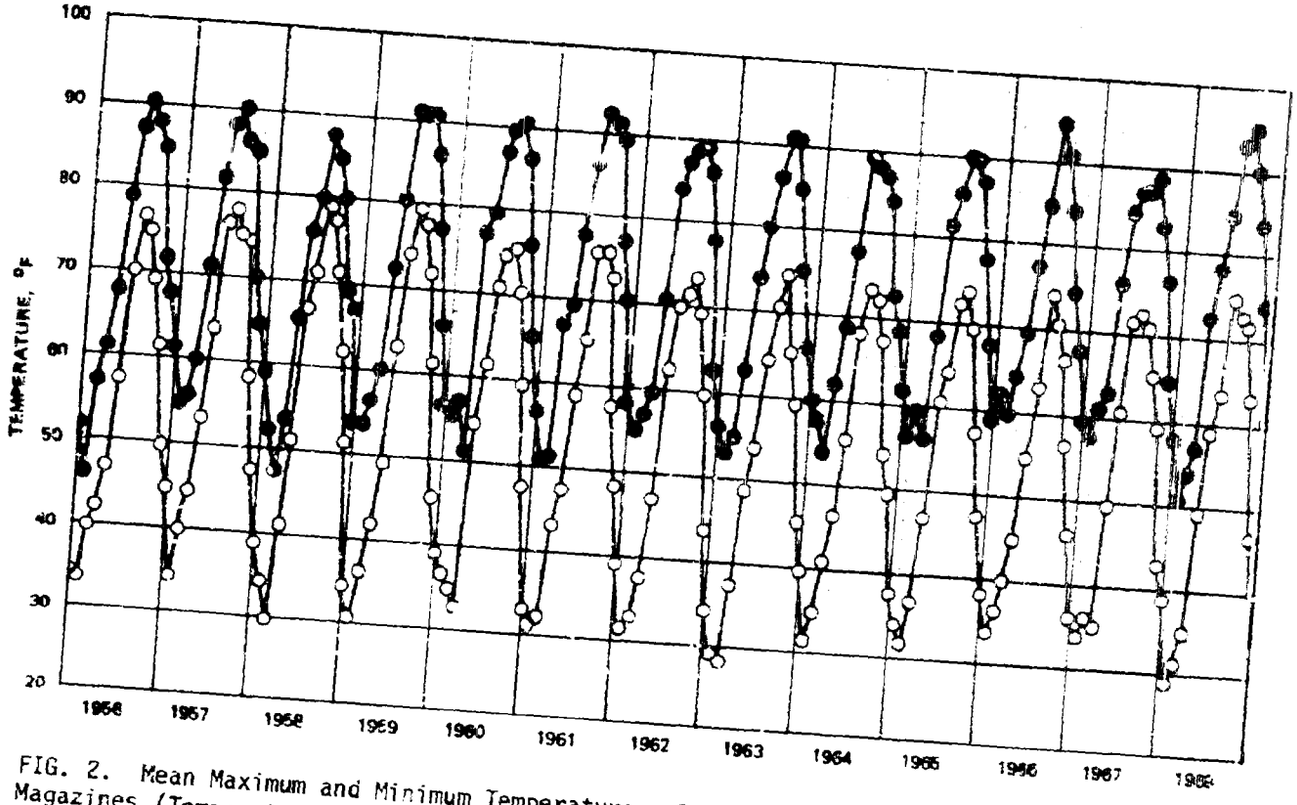

FIG. 2. Mean Maximum and Minimum Temperatures, Portsmouth, Virginia, Non-Earth-Covered Magazines (Temperatures Read Daily).

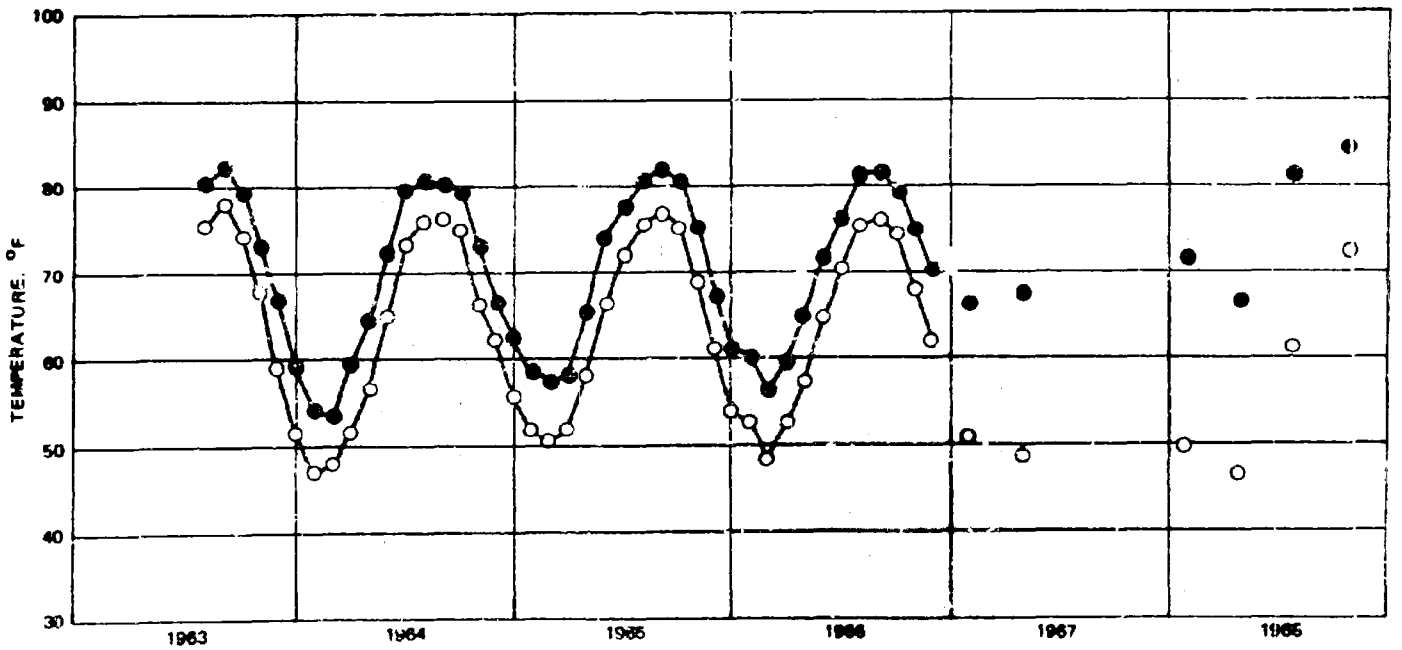

FIG. 3. Mean Maximum and Minimum Temperatures, Charlestown, South Carolina, Earth-Covered Magazines (Temperatures Taken at Different Intervals of Time, Depending on Weather Conditions).

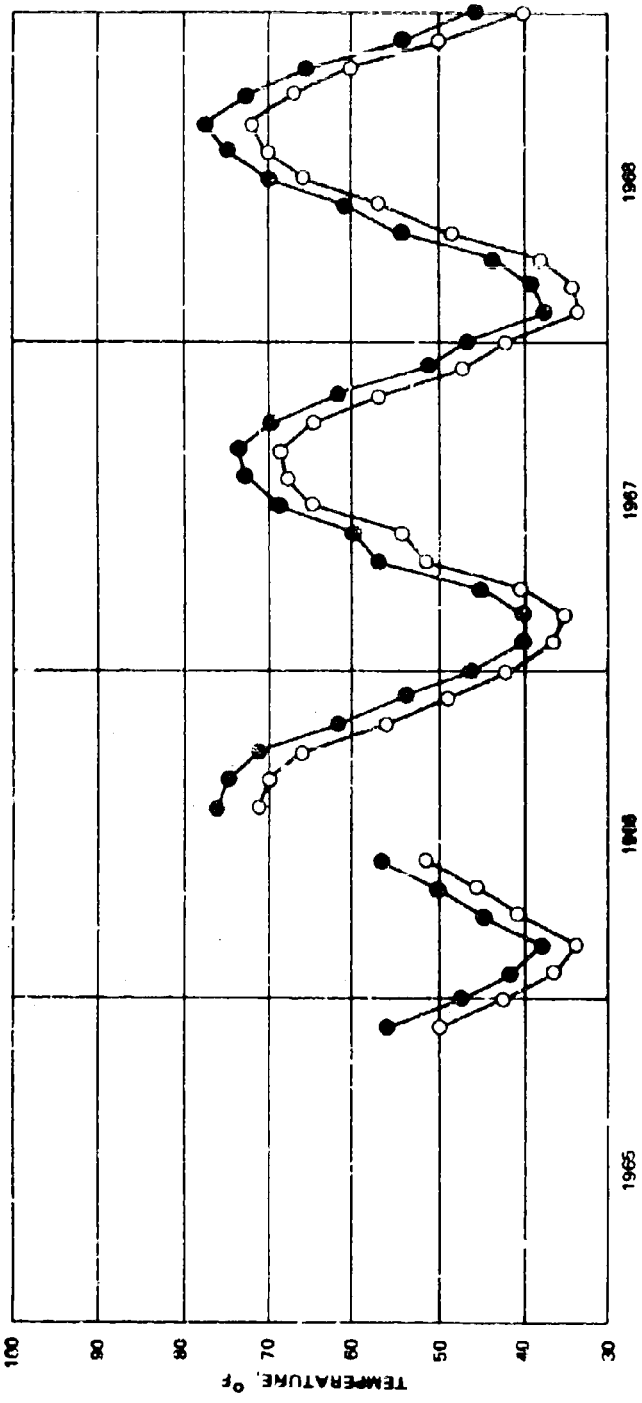

FIG. 4. Mean Maximum and Minimum Temperatures, Crane, Indiana, Earth-Covered Magazines (Temperatures Read Daily).

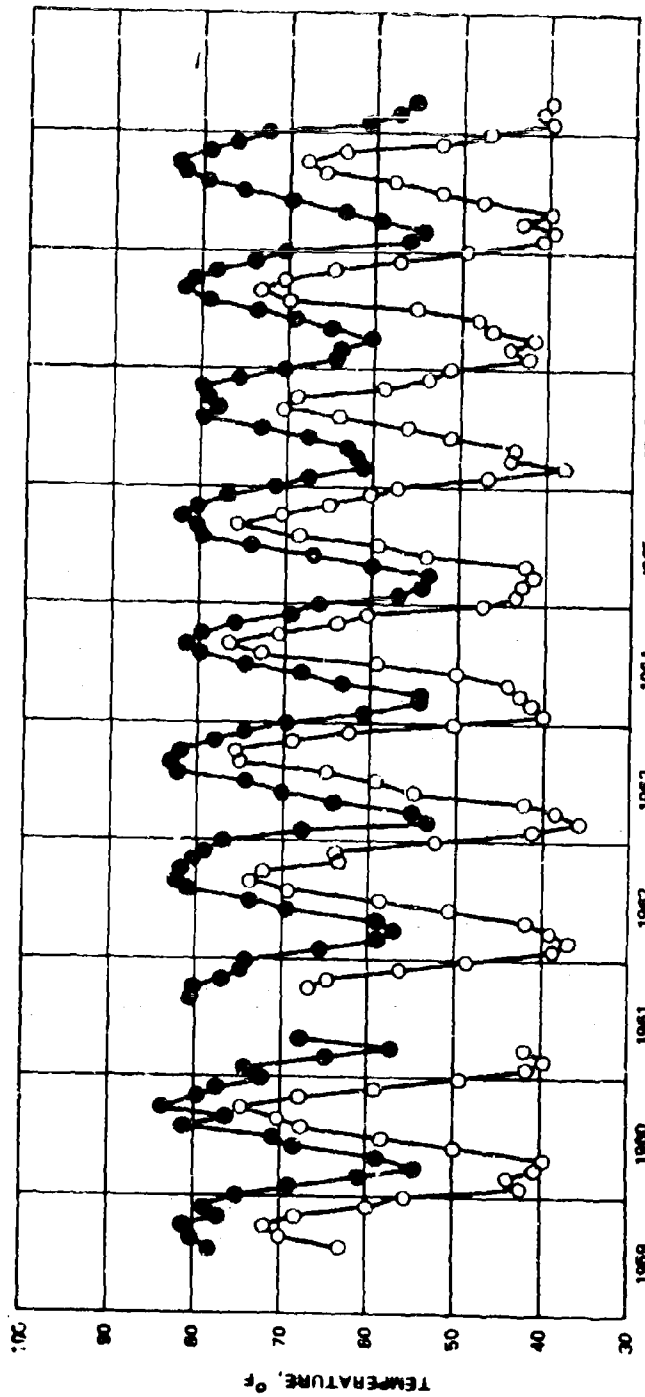

FIG. 5. Mean Maximum and Minimum Temperatures, McAlester, Oklahoma, Earth-Covered Magazines (Temperatures Read Daily, but nof of the Same Magazines).

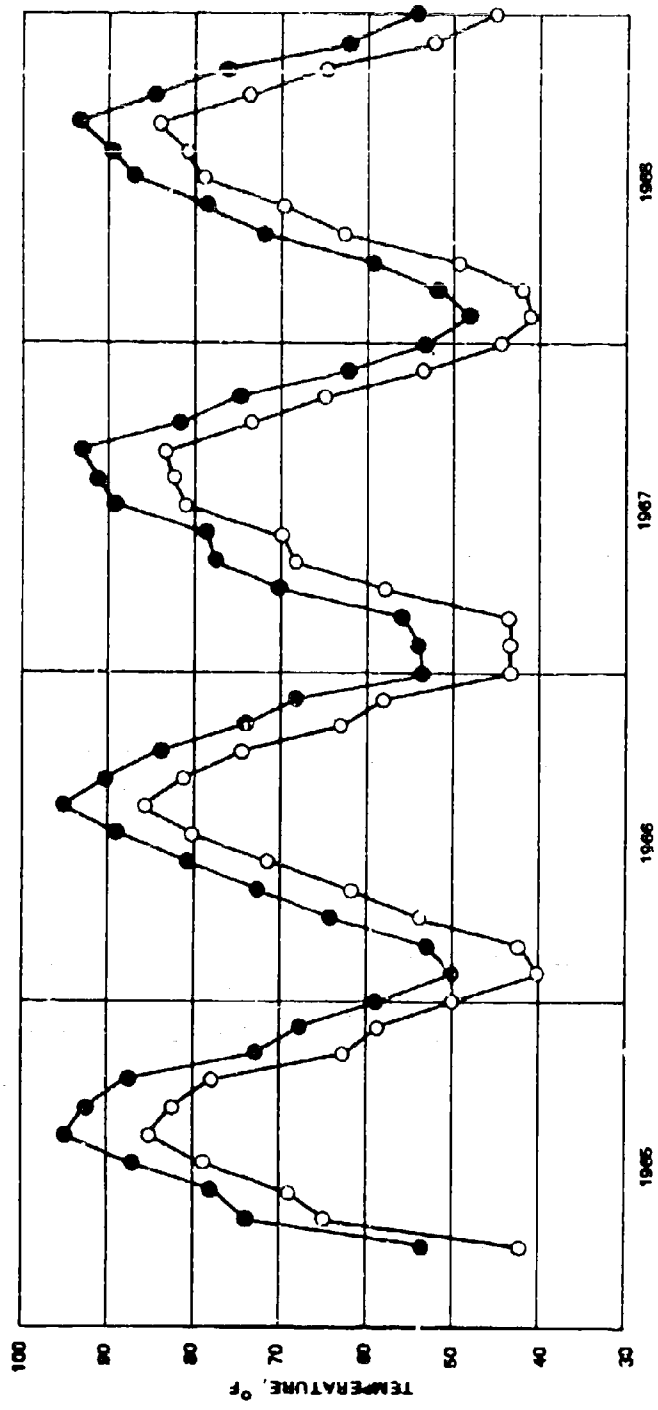

FIG. 6. Mean Maximum and Minimum Temperatures, Dallas, Texas, Non-Earth-Covered Magazines (Temperatures Read Daily).

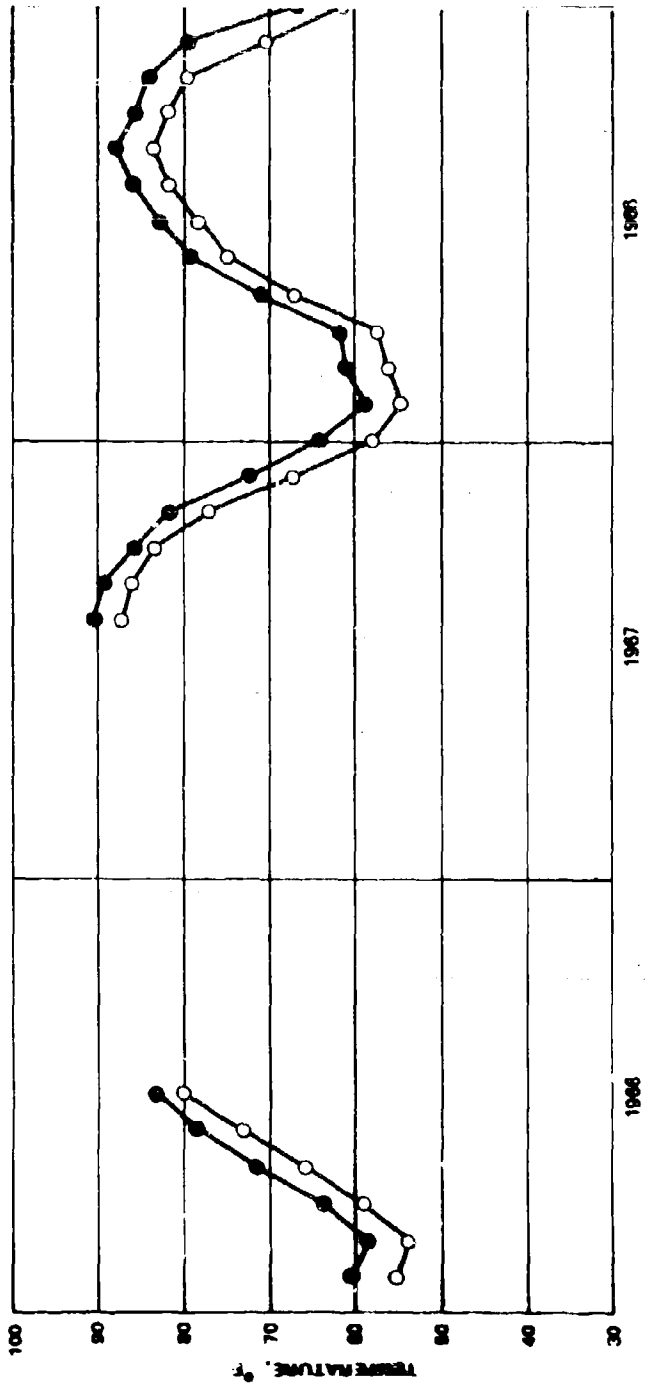

FIG. 7. Mean Maximum and Minimum Temperatures, Corpus Christi, Texas, Earth-Covered Magazines (Temperatures Read Daily).

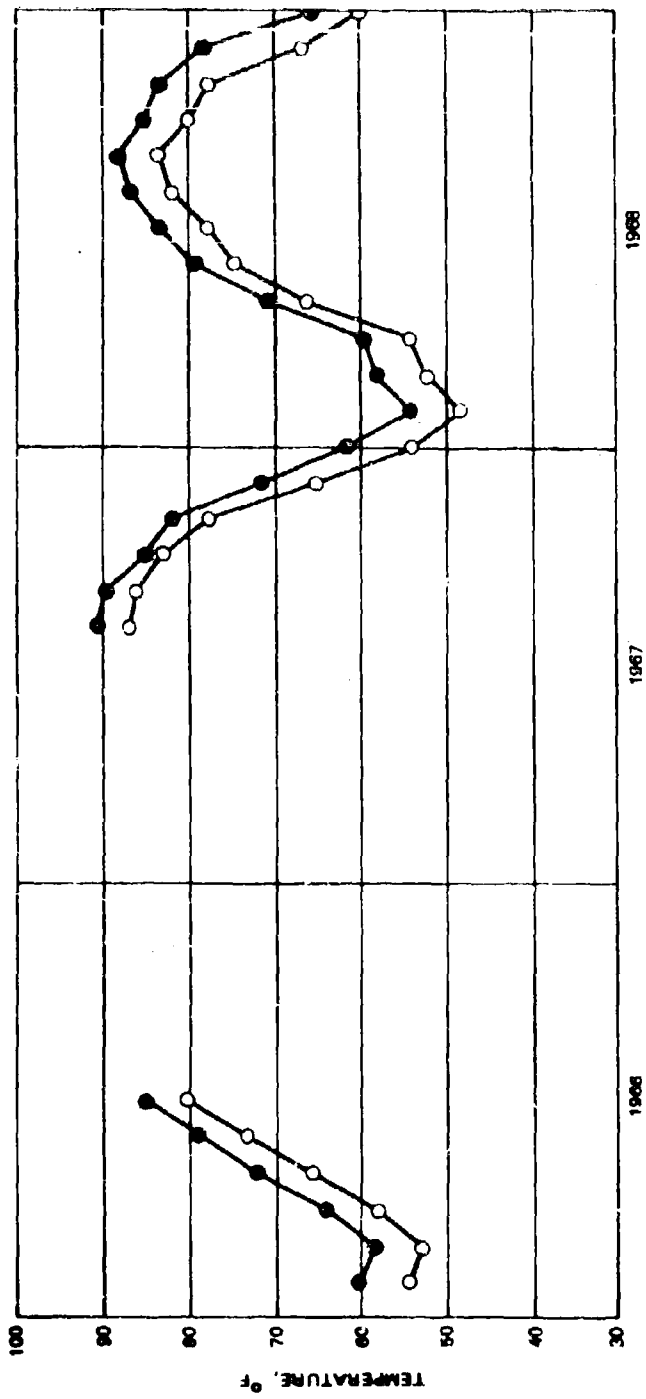

FIG. 8. Mean Maximum and Minimum Temperatures, Corpus Christi, Texas, Non-Earth-Covered Magazines (Temperatures Read Daily).

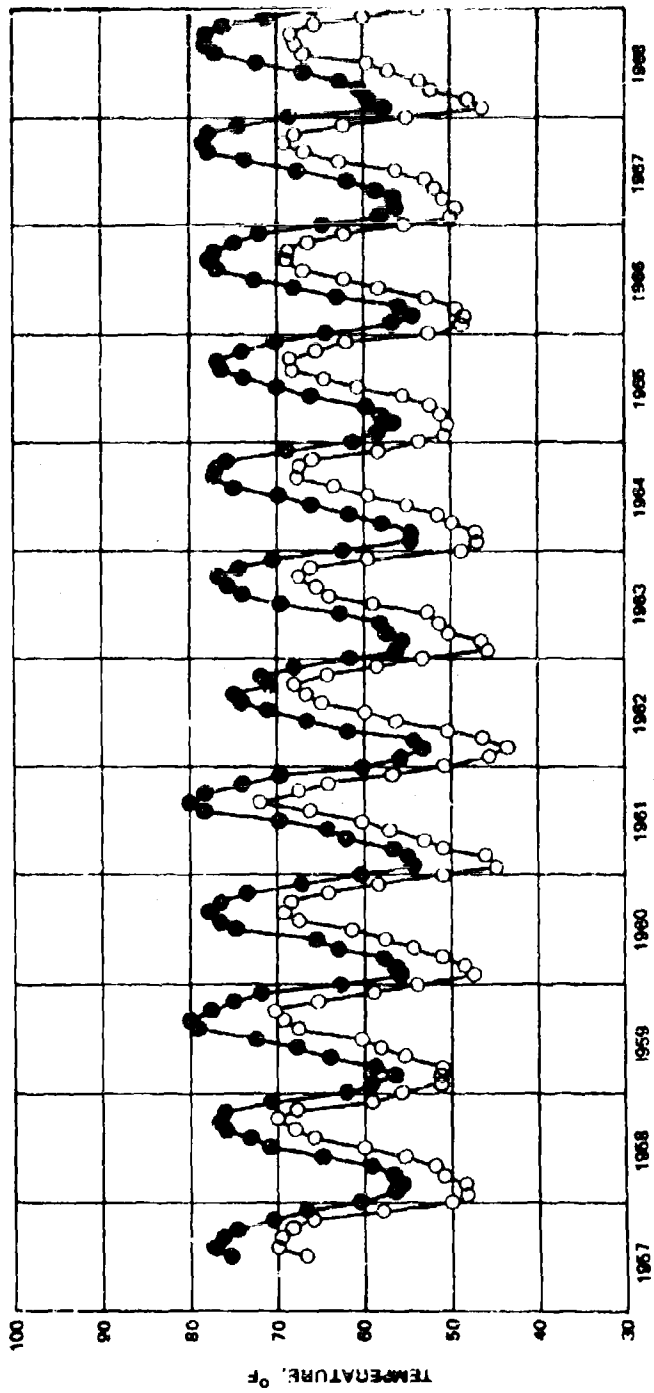

FIG. 9. Mean Maximum and Minimum Temperatures, Concord, California, Earth-Covered Magazines (Temperatures Read Monthly).

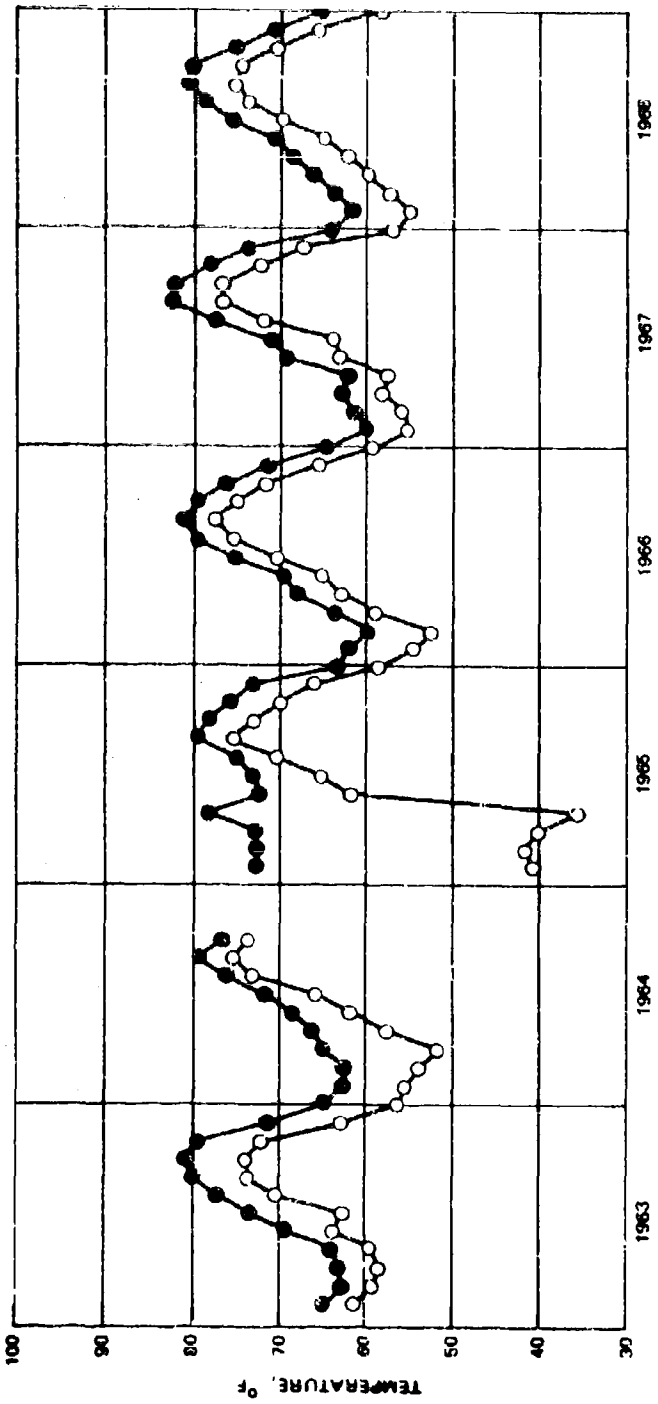

FIG. 10. Mean Maximum and Minimum Temperatures, El Toro, California, Earth-Covered Magazines ((Temperatures Read Daily).

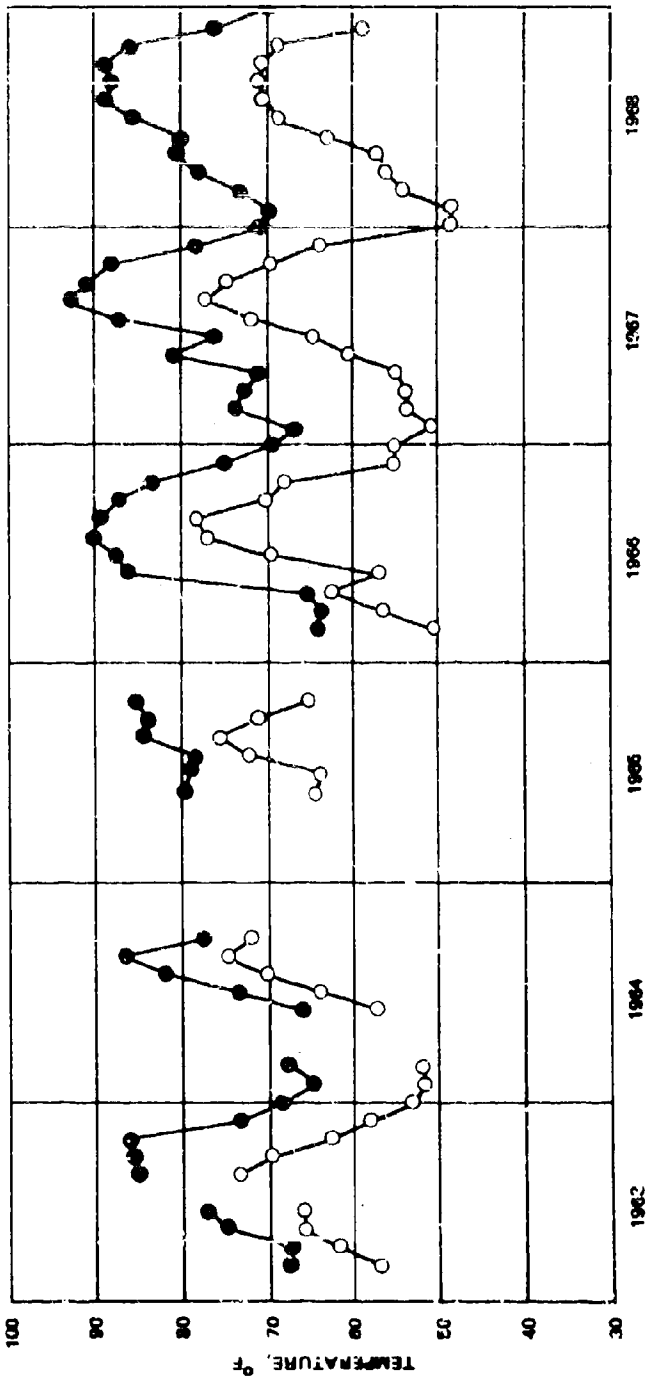

FIG. 11. Mean Maximum and Minimum Temperatures, El Toro, California, Non-Earth-Covered (Temperatures Read Daily).

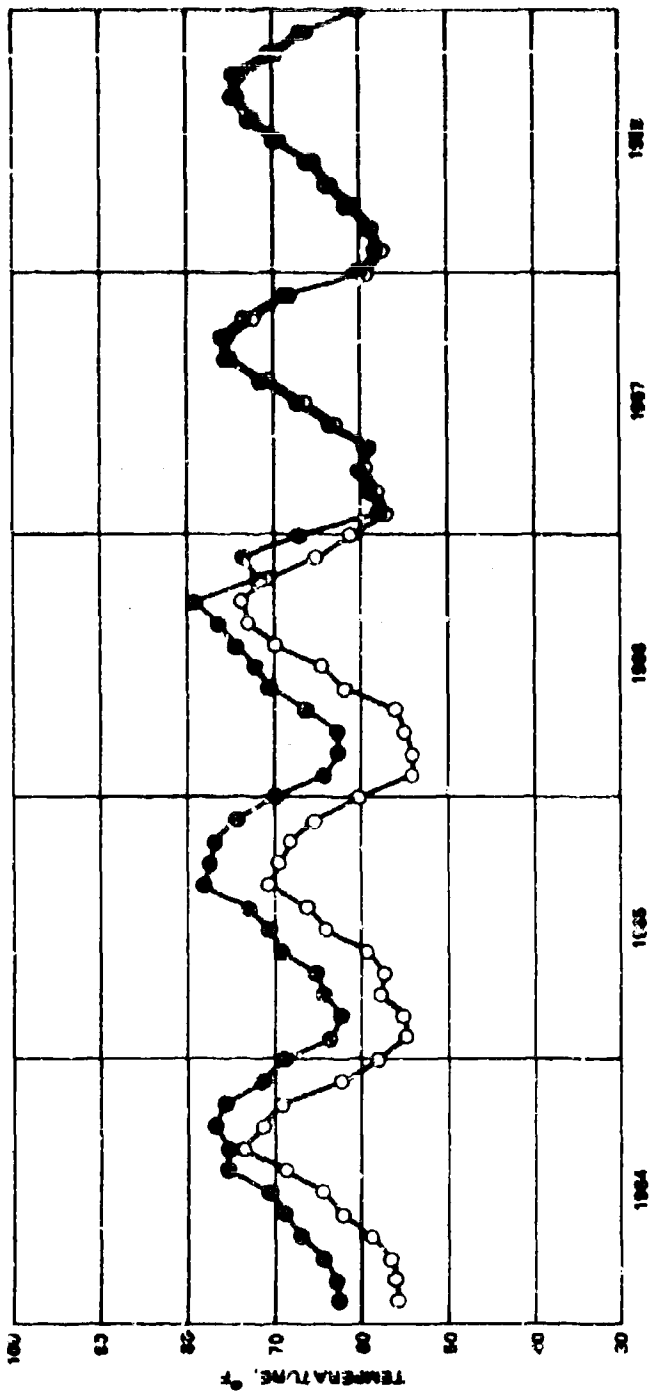

FIG. 12. Mean Maximum and Minimum Temperatures, Seal Beach, California, Earth-Covered Magazines (Temperatures Read Monthly).

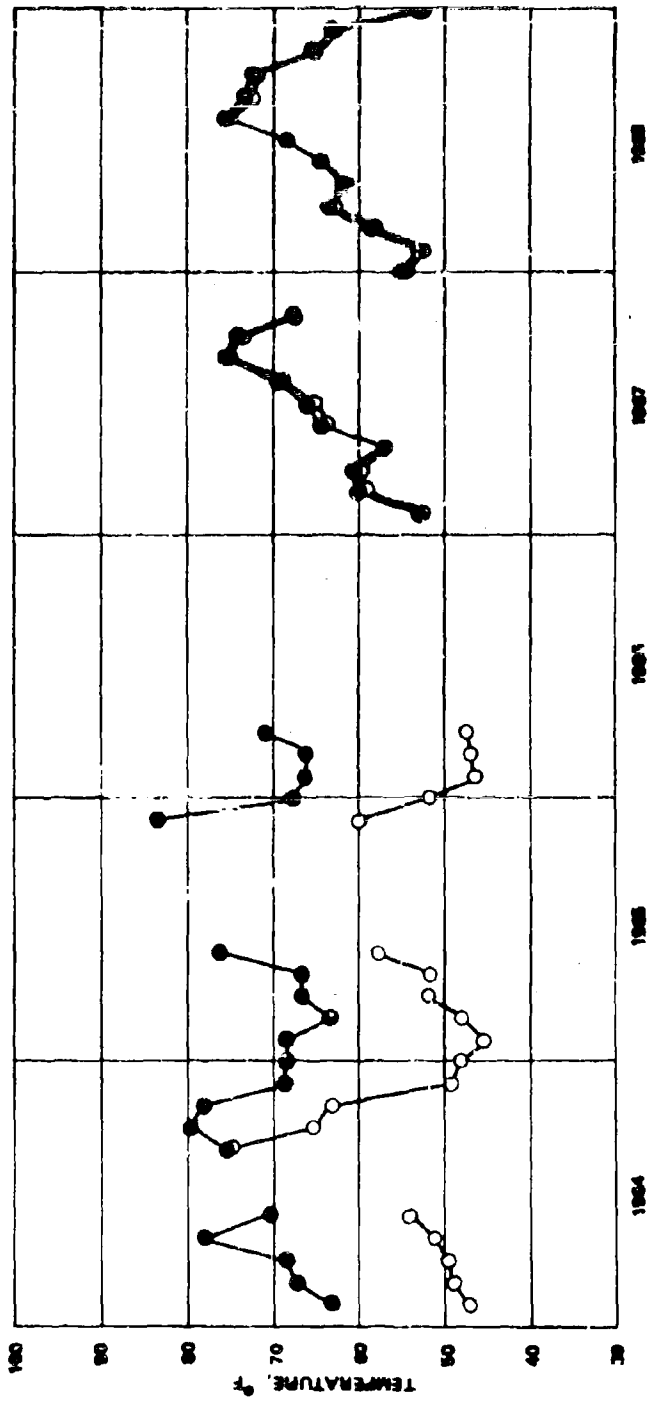

FIG. 13. Mean Maximum and Minimum Temperatures, Seal Beach, California, Non-Earth-Covered Magazines (Temperatures Read Monthly).

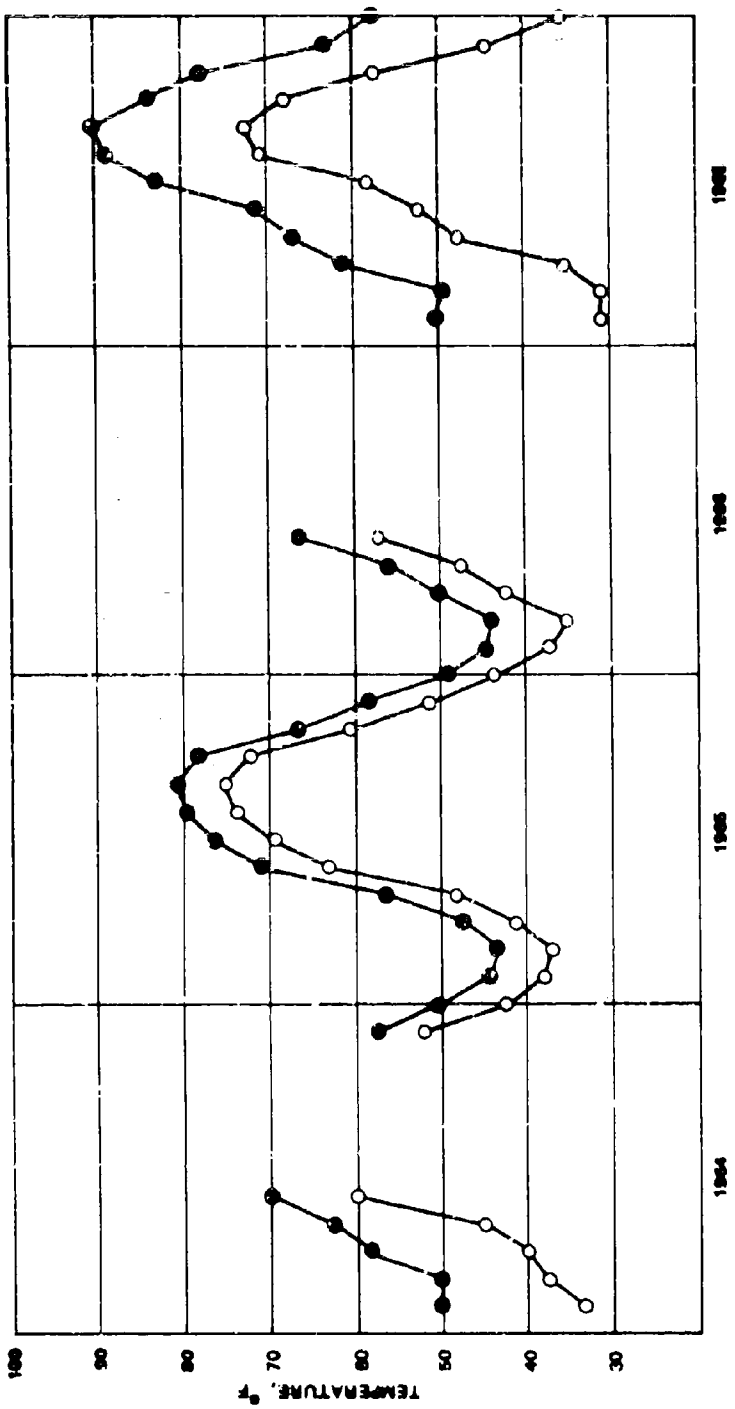

FIG. 14. Mean Maximum and Minimum Temperatures, Indian Head, Maryland, Earth-Covered Magazines (Temperatures Read Daily or at Least Once a Week).

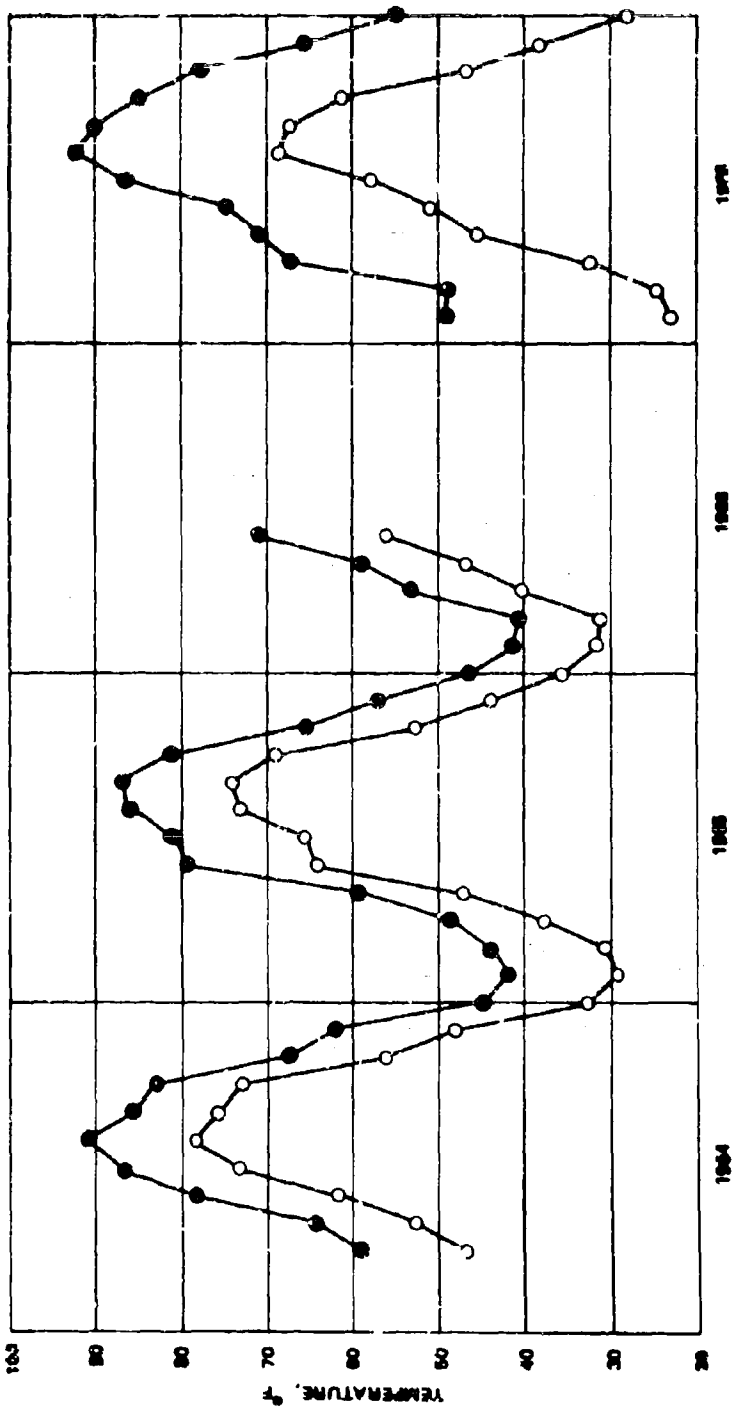

FIG. 15. Mean Maximum and Minimum Temperatures, Indian Head, Maryland, Non-Earth-Covered Magazines (Temperatures Read Daily or at Least Once a Week).

CONCLUSIONS

Assuming that the data are representative of the enclosed air temperatures encountered in the explosive hazard magazines located in Portsmouth, Virginia; Charleston, South Carolina; Crane, Indiana; McAlester, Oklahoma; Dallas, Texas; Corpus Christi, Texas; Concord, California; El Toro, California; Seal Beach, California; and Indian Head, Maryland, the results indicate that ordnance, explosives, propellants, pyrotechnics, etc., stored in these storage magazines will probably never be subjected to temperatures below 9 or above 117°F (see Appendix D). It can be seen in Fig. 1 through 15 that the data displayed in this report were taken from two types of structures; earth-covered and non-earth-covered. The magazines are of metal, wood, brick, and concrete construction. The records indicate a consistent difference in temperature ranges and daily fluctuations between the earth-covered and non-earth-covered magazines at a given site. There is a great difference between the outside air temperature and the temperature inside the magazines in all cases. These differences, for the purpose of protection from the elements, are almost the same regardless of the type of magazine. It appears that any sort of covering protects the ordnance from the ambient extremes.

Parts 1, 2, 3, 4, 5, and 6 of this series of reports have, to a large extent, statistically established that explosive hazard ordnance, stored in magazines among existing Naval stations throughout the world, are not being subjected to the -65°F minimum or +165°F maximum temperatures specified in Military Specifications for ordnance design.

Appendix A

DATA HANDLING

The procedure for handling the storage temperature data is as follows:

Step 1. The applicable data are key punched onto IBM type cards from the temperature summary sheets as received from the ammunition storage facility (shown in Table 2).

TABLE 2. Punchcard Data

	Month	Day	Year	Type of magazine	Temp., reading		Storage location
					Low	High	
Example	08	01	66	10LC1	76	79	NAD, Crane
Card Column	3--	------	-- 8	18-26	36-38	42-44	55-79

Step 2. The punched cards (Step 1) are sorted in the following manner:

a. Storage location: e.g., NAD, Crane

b. Type of magazine: earth-covered or non-earth-covered.

c. Calendar sequence: month, day, and year.

Step 3. The input and output for a computer run are:

a. Input:

(1) Computer program (420-052).

(2) Total card: number of months.

(3) Sorted cards from Step 2.

b. Output:

(1) Averages and standard deviations of maximum and minimum temperatures of each month on cards, as shown in Fig. 16.

(2) Raw data information, as shown on microfilm, Fig. 17.

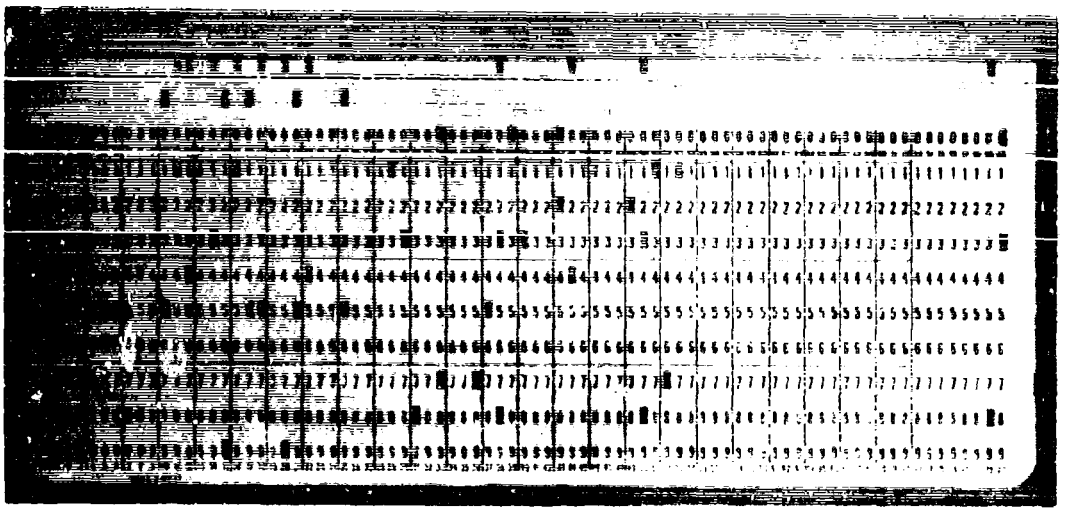

FIG. 16. Typical $\bar{x}$, s Card.

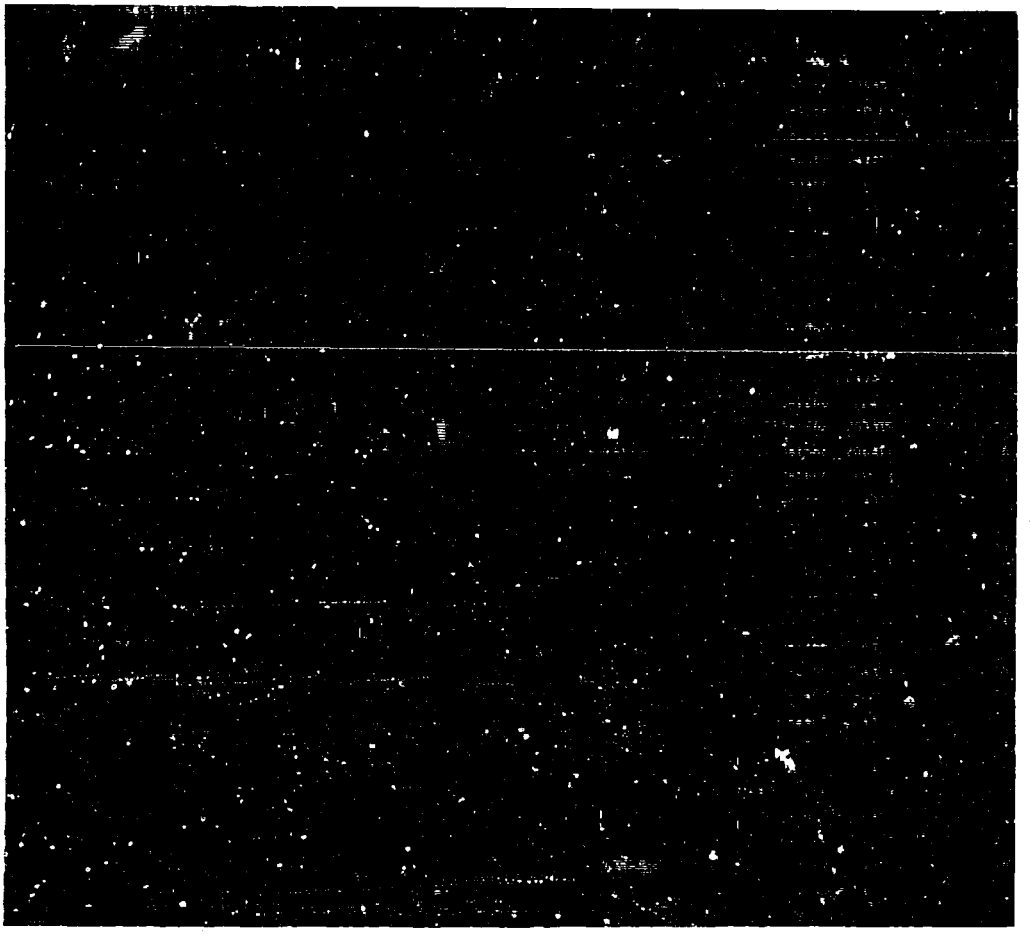

FIG. 17. Raw Data on Microfilm.

(3) Maximum and minimum temperature data for each month. The maximum temperature data labeled "High Temperature," as shown on microfilm, Fig. 18.

(4) Deck of cards which carries the necessary identification for mounting the microfilm on the aperture card.

Step 4. The identification punched into the output decks created in Step 3b(2) and (3), shown in Fig. 19 and 20, are cut into segments and mounted on aperture cards.

Step 5. The output deck (Step 3b(1)) is assembled for the computer program (420-053) and fed into the Univac 1108 computer. The output is a curve plot, similar to Fig. 1, which gives average maximum and minimum temperatures for the effective dates of output deck data retention. A microfilm of the curve is produced and mounted on an aperture card.

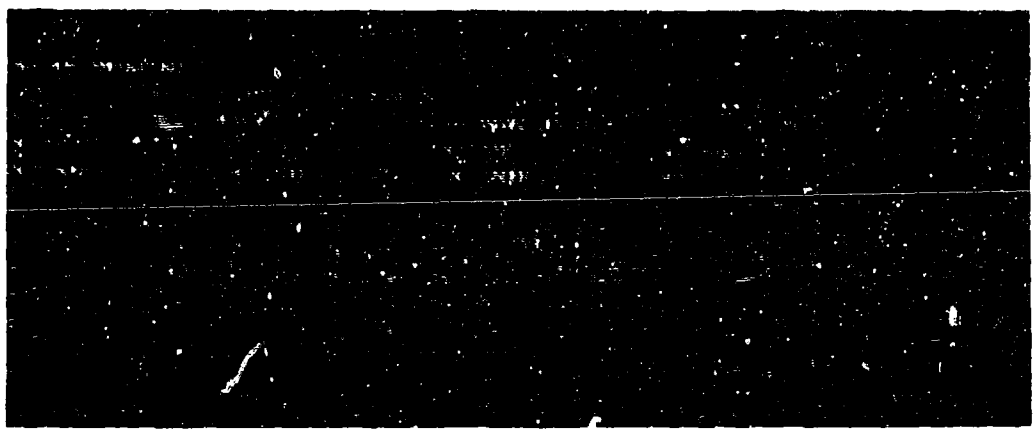

FIG. 18. Data on Microfilm.

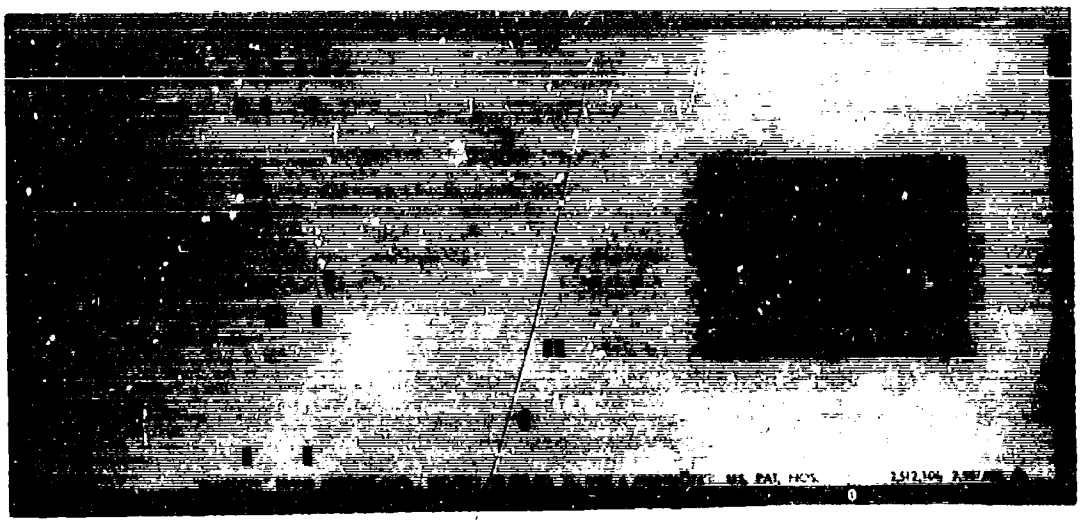

FIG. 19. Aperture Card With Microfilm Insert of Raw Data Shown in Fig. 17.

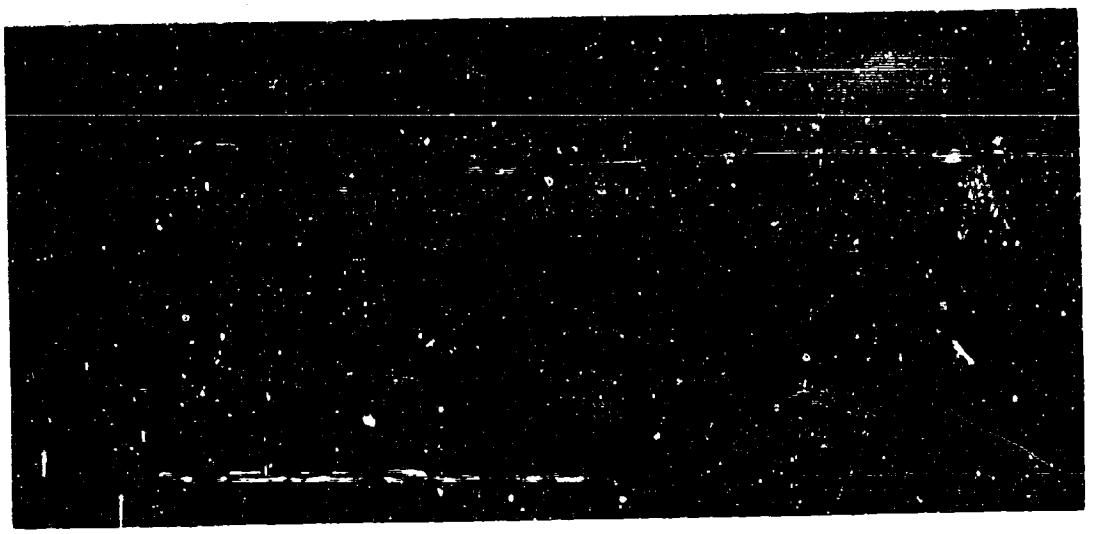

FIG. 20. Aperture Card With Microfilm Insert of Data Shown in Fig. 18.

Appendix B

MONTHLY TEMPERATURE SUMMARIES

The monthly breakdown of the summary of results for each location is presented in Tables 3 through 17. The first row of each table contains column headings. Reading from the left, the first two column headings "Year" and "Month" are self-explanatory. "N" indicates the number of temperature readings taken during the month, the fourth through the sixth column labeled "The Number of Data Points Greater Than or Equal to 90, 100, and 110°F" is self-explanatory. "Max Temp" indicates the highest temperature that was recorded during the month.

TABLE 3. Summary of Results, Earth-Covered Magazines, NAD, Portsmouth, Virginia

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1955	12	60	0	0	0	62
1956	01	63	0	0	0	59
1956	02	67	0	0	0	63
1956	03	61	0	0	0	75
1956	04	69	0	0	0	76
1956	05	64	0	0	0	87
1956	06	63	3	0	0	93
1956	07	68	12	0	0	92
1956	08	74	3	0	0	90
1956	09	64	0	0	0	89
1956	10	77	0	0	0	77
1956	11	68	0	0	0	74
1956	12	69	0	0	0	66
1957	01	73	0	0	0	65
1957	02	56	0	0	0	58
1957	03	68	0	0	0	65
1957	04	69	0	0	0	82
1957	05	75	0	0	0	83
1957	06	126	10	0	0	92
1957	07	159	28	0	0	98
1957	08	163	9	0	0	93
1957	09	140	1	0	0	90
1957	10	105	0	0	0	81
1957	11	63	0	0	0	70
1957	12	62	0	0	0	71
1958	01	60	0	0	0	68
1958	02	64	0	0	0	55
1958	03	66	0	0	0	59
1958	04	76	0	0	0	72
1958	05	66	0	0	0	78
1958	06	47	1	0	0	98
1958	07	45	1	0	0	90
1958	08	58	10	0	0	92
1958	09	52	0	0	0	86
1958	10	50	0	0	0	78
1958	11	59	0	0	0	73
1958	12	53	0	0	0	67

TABLE 3. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1959	01	64	0	0	0	62
1959	02	63	0	0	0	64
1959	03	67	0	0	0	77
1959	04	74	0	0	0	79
1959	05	64	1	0	0	90
1959	06	96	15	0	0	97
1959	07	96	22	0	0	95
1959	08	85	13	0	0	98
1959	09	74	5	0	0	91
1959	10	65	0	0	0	85
1959	11	67	0	0	0	74
1959	12	55	0	0	0	66
1960	01	49	0	0	0	63
1960	02	56	0	0	0	65
1960	03	64	0	0	0	66
1960	04	74	0	0	0	86
1960	05	64	0	0	0	85
1960	06	60	4	0	0	92
1960	07	58	6	0	0	92
1960	08	70	13	0	0	94
1960	09	58	3	0	0	91
1960	10	60	0	0	0	80
1960	11	56	0	0	0	74
1960	12	46	0	0	0	65
1961	01	58	0	0	0	58
1961	02	56	0	0	0	66
1961	03	61	0	0	0	75
1961	04	58	0	0	0	79
1961	05	62	0	0	0	82
1961	06	68	0	0	0	89
1961	07	78	16	0	0	95
1961	08	70	16	0	0	95
1961	09	57	7	0	0	95
1961	10	46	0	0	0	88
1961	11	56	0	0	0	30
1961	12	50	0	0	0	63

TABLE 3. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max. temp.
			90°F	100°F	110°F	
1962	01	64	0	0	0	60
1962	02	52	0	0	0	64
1962	03	66	0	0	0	67
1962	04	56	0	0	0	79
1962	05	64	0	0	0	88
1962	06	60	2	0	0	90
1962	07	58	4	0	0	91
1962	08	60	8	0	0	93
1962	09	48	3	0	0	92
1962	10	66	0	0	0	84
1962	11	54	0	0	0	68
1962	12	36	0	0	0	63
1963	01	65	0	0	0	60
1963	02	26	0	0	0	57
1963	03	58	0	0	0	70
1963	04	52	0	0	0	80
1963	05	58	0	0	0	85
1963	06	58	0	0	0	88
1963	07	56	12	0	0	92
1963	08	60	19	0	0	95
1963	09	58	1	0	0	91
1963	10	70	0	0	0	82
1963	11	78	0	0	0	75
1964	01	46	0	0	0	64
1964	02	39	0	0	0	59
1964	03	58	0	0	0	70
1964	04	56	0	0	0	77
1964	05	38	0	0	0	85
1964	06	20	2	0	0	90
1964	07	60	6	0	0	92
1964	08	58	2	0	0	92
1964	09	56	3	0	0	97
1964	10	65	0	0	0	86
1964	11	48	0	0	0	75
1964	12	62	0	0	0	72

TABLE 3. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1965	01	58	0	0	0	71
1965	02	54	0	0	0	63
1965	03	66	0	0	0	83
1965	04	60	0	0	0	74
1965	05	57	0	0	0	86
1965	06	64	0	0	0	89
1965	07	64	8	0	0	92
1965	08	60	12	0	0	94
1965	09	63	8	0	0	93
1965	10	64	3	0	0	92
1965	11	58	0	0	0	75
1965	12	60	0	0	0	65
1966	01	53	0	0	0	65
1966	02	28	0	0	0	62
1966	03	52	0	0	0	69
1966	04	58	0	0	0	72
1966	05	57	0	0	0	85
1966	06	64	1	0	0	90
1966	07	48	17	1	0	107
1966	08	66	9	0	0	92
1966	09	57	3	0	0	90
1966	10	60	0	0	0	82
1966	11	58	0	0	0	75
1966	12	62	0	0	0	68
1967	01	59	0	0	0	80
1967	02	51	0	0	0	66
1967	03	71	0	0	0	71
1967	04	58	0	0	0	80
1967	05	66	0	0	0	87
1967	06	60	3	0	0	90
1967	07	54	2	0	0	90
1967	08	70	2	0	0	91
1967	09	36	1	0	0	90
1967	10	52	0	0	0	85
1967	11	60	0	0	0	70
1967	12	50	0	0	0	73
1968	01	42	0	0	0	60
1968	02	18	0	0	0	60
1968	03	44	0	0	0	72
1968	04	38	0	0	0	75
1968	05	45	0	0	0	78
1968	06	45	4	0	0	91
1968	07	60	20	0	0	95
1968	08	62	26	0	0	105
1968	09	48	5	0	0	91
1968	10	50	3	0	0	93
1968	11	40	0	0	0	80
1968	12	36	0	0	0	70

TABLE 4. Summary of Results, Non-Earth-Covered Magazines, NAD, Portsmouth, Virginia

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1955	12	206	0	0	0	79
1956	01	223	0	0	0	65
1956	02	215	0	0	0	77
1956	03	222	0	0	0	86
1956	04	222	0	0	0	88
1956	05	234	12	0	0	99
1956	06	230	74	11	0	102
1956	07	244	130	5	0	103
1956	08	232	71	1	0	102
1956	09	212	32	1	0	101
1956	10	239	0	0	0	87
1956	11	214	0	0	0	84
1956	12	213	0	0	0	81
1957	01	233	0	0	0	77
1957	02	209	0	0	0	73
1957	03	221	0	0	0	79
1957	04	250	8	1	0	100
1957	05	231	14	1	0	100
1957	06	434	144	17	0	105
1957	07	565	285	18	0	105
1957	08	568	134	11	0	106
1957	09	475	82	2	0	104
1957	10	342	0	0	0	87
1957	11	212	0	0	0	82
1957	12	225	1	0	0	94
1958	01	262	0	0	0	76
1958	02	233	0	0	0	75
1958	03	246	1	0	0	94
1958	04	255	1	0	0	92
1958	05	849	7	0	0	99
1958	06	1481	54	5	0	104
1958	07	1063	263	30	2	110
1958	08	1086	179	25	0	108
1958	09	1477	63	11	0	108
1958	10	663	5	0	0	99
1958	11	171	1	0	0	90
1958	12	152	0	0	0	75
1959	01	184	0	0	0	72
1959	02	209	0	0	0	85
1959	03	221	0	0	0	81
1959	04	208	0	0	0	89
1959	05	215	10	0	0	94

TABLE 4. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1959	06	324	177	28	2	115
1959	07	326	195	11	0	109
1959	08	286	157	15	2	111
1959	09	242	62	6	0	102
1959	10	247	6	1	0	100
1959	11	230	0	0	0	85
1959	12	178	0	0	0	77
1960	01	158	0	0	0	79
1960	02	170	0	0	0	77
1960	03	214	0	0	0	84
1960	04	243	17	3	0	105
1960	05	191	13	1	0	101
1960	06	208	57	4	0	102
1960	07	187	84	3	0	108
1960	08	210	111	6	1	110
1960	09	187	51	1	0	109
1960	10	196	2	1	0	104
1960	11	178	2	0	0	97
1960	12	149	0	0	0	80
1961	01	190	0	0	0	77
1961	02	178	0	0	0	81
1961	03	218	0	0	0	89
1961	04	187	2	0	0	91
1961	05	196	5	0	0	94
1961	06	200	59	2	0	105
1961	07	245	175	22	2	110
1961	08	211	139	9	0	106
1961	09	187	96	5	1	112
1961	10	202	8	2	0	100
1961	11	187	2	0	0	92
1961	12	161	0	0	0	77
1962	01	197	0	0	0	70
1962	02	190	0	0	0	80
1962	03	207	0	0	0	75
1962	04	214	1	0	0	90
1962	05	210	28	1	0	105
1962	06	208	60	5	0	106
1962	07	203	86	2	0	100
1962	08	227	91	5	0	105
1962	09	186	47	1	0	105
1962	10	216	4	0	0	92
1962	11	180	2	0	0	95
1962	12	148	0	0	0	76

TABLE 4. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1963	01	217	0	0	0	70
1963	02	109	0	0	0	65
1963	03	201	0	0	0	78
1963	04	169	5	0	0	95
1963	05	216	20	1	0	104
1963	06	200	37	1	0	104
1963	07	174	87	6	0	105
1963	08	181	96	4	0	109
1963	09	202	36	2	0	105
1963	10	211	1	1	0	101
1963	11	158	0	0	0	85
1963	12	131	0	0	0	73
1964	01	161	0	0	0	74
1964	02	185	0	0	0	75
1964	03	204	0	0	0	80
1964	04	200	0	0	0	85
1964	05	109	4	0	0	96
1964	06	80	39	2	0	101
1964	07	207	73	3	0	107
1964	08	214	54	0	0	99
1964	09	201	32	2	0	100
1964	10	204	1	0	0	90
1964	11	191	6	0	0	94
1964	12	210	0	0	0	76
1965	01	205	0	0	0	75
1965	02	195	0	0	0	79
1965	03	210	0	0	0	78
1965	04	227	0	0	0	87
1965	05	207	24	1	0	100
1965	06	222	46	4	0	102
1965	07	207	96	8	0	106
1965	08	219	89	5	0	107
1965	09	225	65	4	1	110
1965	10	213	14	5	0	109
1965	11	194	4	3	0	109
1965	12	212	0	0	0	71

TABLE 4. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1966	01	169	0	0	0	73
1966	02	99	0	0	0	73
1966	03	215	0	0	0	84
1966	04	199	0	0	0	86
1966	05	206	4	0	0	90
1966	06	215	47	0	0	99
1966	07	226	185	56	1	110
1966	08	286	156	28	0	106
1966	09	241	48	3	0	102
1966	10	215	3	0	0	92
1966	11	205	0	0	0	84
1966	12	211	0	0	0	72
1967	01	197	0	0	0	75
1967	02	192	0	0	0	80
1967	03	250	0	0	0	85
1967	04	204	4	0	0	93
1967	05	224	34	0	0	97
1967	06	230	61	5	0	102
1967	07	186	36	5	0	103
1967	08	227	76	2	0	101
1967	09	143	6	0	0	98
1967	10	181	7	0	0	90
1967	11	215	1	0	0	94
1967	12	201	0	0	0	70
1968	01	145	0	0	0	65
1968	02	62	0	0	0	65
1968	03	183	0	0	0	75
1968	04	161	1	0	0	95
1968	05	169	8	0	0	94
1968	06	197	57	4	0	103
1968	07	230	185	27	1	110
1968	08	232	184	73	12	110
1968	09	181	97	21	5	115
1968	10	209	29	2	0	105
1968	11	145	0	0	0	88
1968	12	121	0	0	0	77

TABLE 5. Summary of Results, Earth-Covered Magazines, NWS, Charlestown, South Carolina

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1963	07	341	0	0	0	88
1963	08	467	2	0	0	90
1963	09	426	0	0	0	87
1963	10	468	0	0	0	80
1963	11	383	0	0	0	73
1963	12	447	0	0	0	67
1964	01	466	0	0	0	59
1964	02	405	0	0	0	66
1964	03	473	0	0	0	68
1964	04	464	0	0	0	77
1964	05	415	0	0	0	83
1964	06	498	0	0	0	87
1964	07	517	0	0	0	89
1964	08	491	1	0	0	91
1964	09	491	0	0	0	86
1964	10	515	0	0	0	82
1964	11	421	0	0	0	72
1964	12	512	0	0	0	71
1965	01	460	0	0	0	75
1965	02	443	0	0	0	65
1965	03	535	0	0	0	67
1965	04	447	0	0	0	76
1965	05	394	1	0	0	91
1965	06	438	0	0	0	89
1965	07	409	0	0	0	87
1965	08	431	0	0	0	86
1965	09	407	0	0	0	86
1965	10	408	0	0	0	83
1965	11	372	0	0	0	81
1965	12	417	0	0	0	78
1966	01	473	0	0	0	85
1966	02	413	0	0	0	85
1966	03	491	0	0	0	85
1966	04	443	0	0	0	85
1966	05	471	0	0	0	87
1966	06	492	0	0	0	86
1966	07	350	1	0	0	90
1966	08	377	0	0	0	87
1966	09	340	0	0	0	85
1966	10	349	0	0	0	82
1966	11	196	0	0	0	79
1967	01	165	0	0	0	72
1967	04	125	0	0	0	80
1968	01	126	0	0	0	85
1968	04	126	0	0	0	78
1968	07	126	0	0	0	87
1968	10	126	0	0	0	87

TABLE 6. Summary of Results, Earth-Covered Magazines, NAD, Crane, Indiana

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1965	11	78	0	0	0	62
1965	12	120	0	0	0	56
1966	01	126	0	0	0	54
1966	02	113	0	0	0	46
1966	03	138	0	0	0	55
1966	04	126	0	0	0	60
1966	05	36	0	0	0	65
1966	07	118	0	0	0	83
1966	08	138	0	0	0	80
1966	09	125	0	0	0	79
1966	10	126	0	0	0	72
1966	11	114	0	0	0	65
1966	12	126	0	0	0	53
1967	01	126	0	0	0	49
1967	02	114	0	0	0	49
1967	03	138	0	0	0	57
1967	04	120	0	0	0	65
1967	05	132	0	0	0	70
1967	06	132	0	0	0	78
1967	07	119	0	0	0	80
1967	08	132	0	0	0	82
1967	09	120	0	0	0	75
1967	10	132	0	0	0	73
1967	11	114	0	0	0	62
1967	12	120	0	0	0	54
1968	01	133	0	0	0	52
1968	02	126	0	0	0	47
1968	03	126	0	0	0	59
1968	04	132	0	0	0	65
1968	05	130	0	0	0	66
1968	06	120	0	0	0	76
1968	07	133	0	0	0	82
1968	08	132	0	0	0	86
1968	09	120	0	0	0	77
1968	10	138	0	0	0	73
1968	11	120	0	0	0	69
1968	12	114	0	0	0	52

TABLE 7. Summary of Results, Earth-Covered Magazines, NAD, McAlester, Oklahoma

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1959	07	1	0	0	0	78
1959	08	1	0	0	0	80
1959	09	2	0	0	0	82
1959	10	3	0	0	0	79
1959	11	2	0	0	0	79
1959	12	3	0	0	0	85
1960	01	3	0	0	0	75
1960	02	1	0	0	0	61
1960	03	6	0	0	0	60
1960	04	3	0	0	0	62
1960	05	5	0	0	0	72
1960	06	3	0	0	0	73
1960	07	4	0	0	0	87
1960	08	3	0	0	0	78
1960	09	4	1	0	0	90
1960	10	4	0	0	0	88
1960	11	3	0	0	0	78
1960	12	3	0	0	0	75
1961	01	2	0	0	0	74
1961	02	5	0	0	0	66
1961	03	5	0	0	0	64
1961	04	1	0	0	0	68
1961	08	9	0	0	0	84
1961	09	9	1	0	0	91
1961	10	8	0	0	0	82
1961	11	8	0	0	0	87
1961	12	2	0	0	0	75
1962	01	17	0	0	0	74
1962	02	37	0	0	0	68
1962	03	51	0	0	0	68
1962	04	56	0	0	0	68
1962	05	58	0	0	0	79
1962	06	52	0	0	0	83
1962	07	58	0	0	0	89
1962	08	69	8	0	0	99
1962	09	53	8	0	0	96
1962	10	55	1	0	0	90
1962	11	41	0	0	0	87
1962	12	49	0	0	0	87

TABLE 7 (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1963	01	65	0	0	0	80
1963	02	57	0	0	0	65
1963	03	59	0	0	0	68
1963	04	65	0	0	0	77
1963	05	66	0	0	0	87
1963	06	54	0	0	0	87
1963	07	55	4	0	0	91
1963	08	96	12	0	0	94
1963	09	80	7	0	0	94
1963	10	77	0	0	0	85
1963	11	60	0	0	0	80
1963	12	54	0	0	0	77
1964	01	83	0	0	0	74
1964	02	66	0	0	0	70
1964	03	59	0	0	0	65
1964	04	71	0	0	0	75
1964	05	59	0	0	0	77
1964	06	70	0	0	0	86
1964	07	120	1	0	0	90
1964	08	126	7	0	0	93
1964	09	90	0	0	0	84
1964	10	103	0	0	0	83
1964	11	72	0	0	0	80
1964	12	100	0	0	0	74
1965	01	138	0	0	0	74
1965	02	83	0	0	0	67
1965	03	131	0	0	0	66
1965	04	139	0	0	0	75
1965	05	102	0	0	0	75
1965	06	15	0	0	0	81
1965	07	91	1	0	0	90
1965	08	72	0	0	0	87
1965	09	28	1	0	0	90
1965	10	62	0	0	0	86
1965	11	77	0	0	0	82
1965	12	34	0	0	0	80

TABLE 7. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1966	01	104	0	0	0	82
1966	02	57	0	0	0	75
1966	03	60	0	0	0	76
1966	04	73	0	0	0	79
1966	05	54	0	0	0	78
1966	06	145	0	0	0	82
1966	07	10	0	0	0	84
1966	08	16	0	0	0	81
1966	09	42	0	0	0	83
1966	10	40	1	0	0	90
1966	11	34	0	0	0	84
1966	12	42	0	0	0	86
1967	01	42	0	0	0	79
1967	02	38	0	0	0	75
1967	03	47	0	0	0	75
1967	04	39	0	0	0	74
1967	05	42	0	0	0	77
1967	06	44	0	0	0	85
1967	07	38	0	0	0	88
1967	08	46	1	0	0	90
1967	09	40	0	0	0	87
1967	10	44	0	0	0	85
1967	11	38	0	0	0	82
1967	12	40	0	0	0	75
1968	01	40	0	0	0	66
1968	02	36	0	0	0	65
1968	03	42	0	0	0	76
1968	04	40	0	0	0	77
1968	05	46	0	0	0	80
1968	06	38	0	0	0	83
1968	07	42	0	0	0	86
1968	08	44	1	0	0	91
1968	09	38	2	0	0	90
1968	10	46	0	0	0	88
1968	11	42	0	0	0	84
1968	12	32	0	0	0	82
1969	01	42	0	0	0	75
1969	02	38	0	0	0	67
1969	03	12	0	0	0	62

TABLE 8. Summary of Results, Non-Earth-Covered Magazines, NAS, Dallas, Texas

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1965	03	248	0	0	0	72
1965	04	239	4	0	0	94
1965	05	245	18	1	0	106
1965	06	240	85	0	0	99
1965	07	248	231	33	0	104
1965	08	248	196	11	0	105
1965	09	240	114	13	0	105
1965	10	240	1	0	0	90
1965	11	240	0	0	0	82
1965	12	239	0	0	0	79
1966	01	248	0	0	0	78
1966	02	232	0	0	0	75
1966	03	248	0	0	0	86
1966	04	240	2	0	0	91
1966	05	248	35	1	0	100
1966	06	240	115	12	0	103
1966	07	247	216	55	0	106
1966	08	247	147	15	0	104
1966	09	240	44	0	0	96
1966	10	248	1	0	0	90
1966	11	240	0	0	0	79
1966	12	248	0	0	0	79
1967	01	248	0	0	0	76
1967	02	224	0	0	0	75
1967	03	246	0	0	0	86
1967	04	240	0	0	0	87
1967	05	248	15	0	0	93
1967	06	240	126	5	0	101
1967	07	246	155	18	0	102
1967	08	248	193	38	0	104
1967	09	240	11	0	0	92
1967	10	248	0	0	0	88
1967	11	240	0	0	0	74
1967	12	248	0	0	0	68
1968	01	248	0	0	0	68
1968	02	232	0	0	0	66
1968	03	248	0	0	0	78
1968	04	240	0	0	0	84
1968	05	248	7	0	0	92
1968	06	240	72	2	0	100
1968	07	240	128	0	0	99
1968	08	248	194	10	0	102
1968	09	240	34	6	0	100
1968	10	240	2	0	0	92
1968	11	239	0	0	0	82
1968	12	248	0	0	0	68

TABLE 9. Summary of Results, Non-Earth-Covered Magazines, NAS, Corpus Christi, Texas

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1966	01	90	0	0	0	78
1966	02	75	0	0	0	68
1966	03	84	0	0	0	75
1966	04	85	0	0	0	79
1966	05	63	0	0	0	86
1966	06	59	5	0	0	94
1967	07	112	99	0	0	94
1967	08	92	62	0	0	95
1967	09	64	1	0	0	90
1967	10	87	0	0	0	86
1967	11	71	0	0	0	83
1967	12	76	0	0	0	81
1968	01	88	0	0	0	70
1968	02	76	0	0	0	73
1968	03	80	0	0	0	78
1968	04	79	0	0	0	82
1968	05	80	0	0	0	89
1968	06	64	10	0	0	92
1968	07	76	24	0	0	93
1968	08	71	37	0	0	93
1968	09	67	5	0	0	90
1968	10	72	2	0	0	90
1968	11	80	1	0	0	90
1968	12	84	0	0	0	76

TABLE 10. Summary of Results, Earth-Covered Magazines, NAS, Corpus Christi, Texas

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1966	01	261	0	0	0	78
1966	02	218	0	0	0	68
1966	03	258	0	0	0	75
1966	04	251	0	0	0	87
1966	05	244	0	0	0	89
1966	06	159	10	0	0	95
1967	07	180	157	0	0	93
1967	08	177	109	0	0	95
1967	09	105	5	0	0	90
1967	10	153	0	0	0	88
1967	11	118	0	0	0	84
1967	12	133	0	0	0	80
1968	01	153	0	0	0	76
1968	02	132	0	0	0	74
1968	03	147	0	0	0	74
1968	04	140	0	0	0	82
1968	05	142	3	0	0	91
1968	06	111	9	0	0	95
1968	07	133	29	0	0	92
1968	08	120	44	0	0	99
1968	09	119	16	0	0	92
1968	10	115	15	0	0	91
1968	11	140	0	0	0	89
1968	12	129	0	0	0	74

TABLE 11. Summary of Results, Earth-Covered Magazines, NWS, Concord, California

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1957	06	7	0	0	0	81
1957	07	26	0	0	0	85
1957	08	39	0	0	0	86
1957	09	34	0	0	0	80
1957	10	24	0	0	0	76
1957	11	14	0	0	0	71
1957	12	19	0	0	0	70
1958	01	26	0	0	0	70
1958	02	26	0	0	0	59
1958	03	31	0	0	0	60
1958	04	29	0	0	0	67
1958	05	34	0	0	0	70
1958	06	34	0	0	0	76
1958	07	28	0	0	0	78
1958	08	37	0	0	0	84
1958	09	36	0	0	0	84
1958	10	40	0	0	0	85
1958	11	39	0	0	0	84
1958	12	45	0	0	0	78
1959	01	40	0	0	0	68
1959	02	38	0	0	0	63
1959	03	40	0	0	0	67
1959	04	37	0	0	0	69
1959	05	43	0	0	0	75
1959	06	41	0	0	0	80
1959	07	37	1	0	0	90
1959	08	37	0	0	0	86
1959	09	31	0	0	0	85
1959	10	48	0	0	0	85
1959	11	46	0	0	0	80
1959	12	49	0	0	0	76
1960	01	47	0	0	0	66
1960	02	54	0	0	0	68
1960	03	55	0	0	0	86
1960	04	53	0	0	0	70
1960	05	57	0	0	0	80
1960	06	57	0	0	0	86
1960	07	55	0	0	0	87
1960	08	57	0	0	0	87
1960	09	51	0	0	0	83
1960	10	57	0	0	0	83
1960	11	57	0	0	0	75
1960	12	53	0	0	0	66

TABLE 11. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1961	01	55	0	0	0	64
1961	02	53	0	0	0	63
1961	03	59	0	0	0	64
1961	04	54	0	0	0	71
1961	05	54	0	0	0	70
1961	06	51	0	0	0	84
1961	07	44	0	0	0	86
1961	08	32	1	0	0	90
1961	09	61	1	0	0	90
1961	10	75	0	0	0	84
1961	11	78	0	0	0	80
1961	12	73	0	0	0	68
1962	01	78	0	0	0	66
1962	02	78	0	0	0	59
1962	03	79	0	0	0	76
1962	04	77	0	0	0	71
1962	05	79	0	0	0	79
1952	06	81	0	0	0	79
1962	07	79	0	0	0	80
1962	08	80	0	0	0	82
1962	09	79	0	0	0	81
1962	10	81	0	0	0	80
1962	11	79	0	0	0	73
1962	12	78	0	0	0	72
1963	01	85	0	0	0	72
1963	02	78	0	0	0	70
1963	03	80	0	0	0	68
1963	04	82	0	0	0	75
1963	05	77	0	0	0	68
1963	06	78	0	0	0	78
1963	07	77	1	0	0	90
1963	08	77	1	0	0	95
1963	09	82	1	0	0	91
1963	10	80	0	0	0	83
1963	11	78	0	0	0	80
1963	12	90	0	0	0	76

TABLE 11. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1964	01	81	0	0	0	74
1964	02	78	0	0	0	66
1964	03	110	0	0	0	72
1964	04	120	0	0	0	70
1964	05	129	0	0	0	78
1964	06	144	0	0	0	85
1964	07	139	0	0	0	89
1964	08	135	1	0	0	90
1964	09	148	0	0	0	87
1964	10	154	0	0	0	85
1964	11	151	0	0	0	85
1964	12	158	0	0	0	77
1965	01	162	0	0	0	83
1965	02	175	0	0	0	77
1965	03	184	0	0	0	75
1965	04	164	0	0	0	73
1965	05	176	0	0	0	75
1965	06	175	0	0	0	79
1965	07	179	0	0	0	82
1965	08	184	0	0	0	85
1965	09	163	0	0	0	89
1965	10	192	0	0	0	87
1965	11	185	0	0	0	80
1965	12	176	0	0	0	75
1966	01	168	0	0	0	75
1966	02	178	0	0	0	68
1966	03	200	0	0	0	70
1966	04	199	0	0	0	73
1966	05	205	0	0	0	77
1966	06	163	0	0	0	83
1966	07	197	1	0	0	90
1966	08	179	2	0	0	94
1966	09	182	0	0	0	88
1966	10	191	0	0	0	85
1966	11	225	0	0	0	89
1966	12	216	0	0	0	80

TABLE 11. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1967	01	214	0	0	0	75
1967	02	214	0	0	0	76
1967	03	223	0	0	0	76
1967	04	218	0	0	0	81
1967	05	209	0	0	0	85
1967	06	219	1	0	0	90
1967	07	215	1	0	0	90
1967	08	229	6	0	0	97
1967	09	204	3	0	0	95
1967	10	205	0	0	0	89
1967	11	220	0	0	0	89
1967	12	216	0	0	0	87
1968	01	158	0	0	0	78
1968	02	212	0	0	0	88
1968	03	237	0	0	0	82
1968	04	200	0	0	0	75
1968	05	199	0	0	0	81
1968	06	206	3	0	0	90
1968	07	213	4	0	0	90
1968	08	185	1	0	0	92
1968	09	207	2	0	0	91
1968	10	215	0	0	0	88
1968	11	174	0	0	0	85
1968	12	207	0	0	0	79

TABLE 12. Summary of Results, Earth-Covered Magazines, MCAS, El Toro, California

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1963	01	9	0	0	0	75
1963	02	20	0	0	0	71
1963	03	31	0	0	0	70
1963	04	75	0	0	0	67
1963	05	62	0	0	0	80
1963	06	18	0	0	0	85
1963	07	32	0	0	0	84
1963	08	80	1	0	0	90
1963	09	43	1	1	1	112
1963	10	31	0	0	0	87
1963	11	35	0	0	0	82
1963	12	32	0	0	0	76
1964	01	46	0	0	0	71
1964	02	34	0	0	0	70
1964	03	16	0	0	0	71
1964	04	25	0	0	0	76
1964	05	49	0	0	0	77
1964	06	73	0	0	0	78
1964	07	92	0	0	0	80
1964	08	63	0	0	0	83
1964	09	26	0	0	0	80
1965	01	4	0	0	0	75
1965	02	4	0	0	0	77
1965	03	5	0	0	0	77
1965	04	4	0	0	0	82
1965	05	45	0	0	0	85
1965	06	43	1	0	0	90
1965	07	28	0	0	0	78
1965	08	40	0	0	0	85
1965	09	39	0	0	0	85
1965	10	41	0	0	0	82
1965	11	39	0	0	0	83
1965	12	40	0	0	0	75

TABLE 12. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1966	01	42	0	0	0	79
1966	02	42	0	0	0	74
1966	03	22	0	0	0	70
1966	04	31	1	0	0	92
1966	05	65	0	0	0	79
1966	06	78	0	0	0	85
1966	07	7	0	0	0	86
1966	08	68	0	0	0	85
1966	09	68	1	0	0	95
1966	10	85	1	0	0	95
1966	11	70	0	0	0	88
1966	12	70	0	0	0	82
1967	01	92	0	0	0	74
1967	02	66	0	0	0	73
1967	03	84	0	0	0	79
1967	04	76	0	0	0	72
1967	05	92	0	0	0	85
1967	06	84	2	0	0	91
1967	07	111	2	0	0	95
1967	08	84	3	3	1	110
1967	09	80	0	0	0	88
1967	10	99	1	0	0	91
1967	11	84	3	0	0	95
1967	12	93	0	0	0	87
1968	01	104	0	0	0	78
1968	02	83	0	0	0	82
1968	03	83	0	0	0	78
1968	04	102	0	0	0	84
1968	05	84	0	0	0	84
1968	06	83	1	0	0	90
1968	07	104	0	0	0	86
1968	08	85	2	0	0	92
1968	09	90	2	0	0	95
1968	10	73	0	0	0	82
1968	11	64	0	0	0	88
1968	12	95	0	0	0	87

TABLE 13. Summary of Results, Non-Earth-Covered Magazines, MCAS, El Toro, California

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1963	01	4	0	0	0	75
1963	03	11	0	0	0	76
1963	04	12	0	0	0	75
1963	05	12	0	0	0	80
1963	06	5	0	0	0	83
1963	08	14	0	0	0	88
1963	09	13	6	0	0	96
1963	10	5	2	0	0	98
1963	11	4	0	0	0	76
1963	12	5	0	0	0	74
1964	01	16	0	0	0	74
1964	02	12	0	0	0	73
1964	05	4	0	0	0	70
1964	06	5	0	0	0	77
1964	07	22	2	0	0	90
1964	08	15	4	0	0	95
1964	09	5	0	0	0	80
1965	05	12	0	0	0	87
1965	06	9	0	0	0	85
1965	07	3	0	0	0	80
1965	08	5	2	0	0	90
1965	09	4	0	0	0	86
1965	10	10	4	0	0	94
1966	02	9	0	0	0	76
1966	03	6	0	0	0	75
1966	04	6	0	0	0	75
1966	05	6	1	0	0	92
1966	06	11	4	0	0	93
1966	07	6	3	0	0	96
1966	08	12	6	0	0	98
1966	09	8	4	0	0	95
1966	10	10	0	0	0	86
1966	11	9	1	0	0	91
1966	12	12	0	0	0	79

TABLE 13. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1967	01	15	0	0	0	74
1967	02	12	0	0	0	78
1967	03	32	0	0	0	84
1967	04	21	0	0	0	78
1967	05	30	5	0	0	99
1967	06	23	1	0	0	90
1967	07	32	12	0	0	98
1967	08	25	19	2	0	100
1967	09	26	18	1	0	103
1967	10	28	15	0	0	95
1967	11	26	0	0	0	89
1967	12	27	0	0	0	80
1968	01	29	0	0	0	85
1968	02	25	0	0	0	87
1968	03	24	1	0	0	90
1968	04	29	1	0	0	92
1968	05	18	1	0	0	91
1968	06	18	6	0	0	95
1968	07	28	11	0	0	99
1968	08	24	9	1	0	100
1968	09	30	16	3	0	104
1968	10	24	8	2	0	106
1968	11	23	0	0	0	87
1968	12	23	0	0	0	82

TABLE 14. Summary of Results, Non-Earth Covered Magazines, NWS, Seal Beach, California

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1964	01	8	0	0	0	78
1964	02	6	0	0	0	73
1964	03	8	0	0	0	84
1964	04	2	0	0	0	85
1964	05	4	0	0	0	75
1964	08	6	0	0	0	82
1964	09	8	0	0	[illegible]	85
1964	10	6	0	0	0	86
1964	11	4	0	0	0	78
1964	12	4	0	0	0	76
1965	01	4	0	0	0	76
1965	02	6	0	0	0	71
1965	03	6	0	0	0	75
1965	04	4	0	0	0	70
1965	05	8	0	0	0	84
1965	07	6	0	0	0	82
1965	09	4	0	0	0	83
1965	11	4	1	0	0	92
1965	12	2	0	0	0	70
1966	01	2	0	0	0	72
1966	02	2	0	0	0	72
1966	03	2	0	0	0	74
1966	05	2	0	0	0	78
1966	07	2	0	0	0	76
1966	08	2	0	0	0	85
1966	10	2	0	0	0	70
1966	11	2	1	0	0	90
1967	01	2	0	0	0	54
1967	02	6	0	0	0	67
1967	03	4	0	0	0	64
1967	04	4	0	0	0	61
1967	05	4	0	0	0	67
1967	06	4	0	0	0	67

TABLE 14. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1967	07	2	0	0	0	70
1967	08	4	0	0	0	79
1967	09	2	0	0	0	75
1967	10	4	0	0	0	72
1967	12	4	0	0	0	60
1968	01	4	0	0	0	56
1968	02	6	0	0	0	61
1968	03	4	0	0	0	67
1968	04	2	0	0	0	64
1968	05	4	0	0	0	65
1968	06	4	0	0	0	71
1968	07	2	0	0	0	78
1968	08	4	0	0	0	76
1968	09	2	0	0	0	73
1968	10	4	0	0	0	66
1968	11	4	0	0	0	66
1968	12	4	0	0	0	56

TABLE . Summary of Results, Earth-Covered Magazines, NWS, Seal Beach, California

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1964	01	562	0	0	0	69
1964	02	603	0	0	0	72
1964	03	693	0	0	0	75
1964	04	525	0	0	0	81
1964	05	425	0	0	0	79
1964	06	344	0	0	0	74
1964	07	115	0	0	0	79
1964	08	378	0	0	0	85
1964	09	650	0	0	0	84
1964	10	416	0	0	0	83
1964	11	274	0	0	0	84
1964	12	105	0	0	0	78
1965	01	509	0	0	0	80
1965	02	506	0	0	0	79
1965	03	484	0	0	0	74
1965	04	201	0	0	0	72
1965	05	251	0	0	0	80
1965	06	160	0	0	0	74
1965	07	341	0	0	0	77
1965	08	89	0	0	0	88
1965	09	179	0	0	0	84
1965	10	191	0	0	0	85
1965	11	272	0	0	0	87
1965	12	114	0	0	0	84
1966	01	142	0	0	0	85
1966	02	225	0	0	0	80
1966	03	257	0	0	0	68
1966	04	45	0	0	0	68
1966	05	233	0	0	0	84
1966	06	107	0	0	0	75
1966	07	195	0	0	0	76
1966	08	146	0	0	0	80
1966	09	27	0	0	0	82
1966	10	167	0	0	0	76
1966	11	183	0	0	0	88
1966	12	60	0	0	0	78

TABLE 15. (Continued)

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1967	01	341	0	0	0	66
1967	02	341	0	0	0	66
1967	03	269	0	0	0	66
1967	04	258	0	0	0	62
1967	05	308	0	0	0	72
1967	06	292	0	0	0	70
1967	07	295	0	0	0	75
1967	08	328	0	0	0	79
1967	09	280	0	0	0	79
1967	10	278	0	0	0	76
1967	11	254	0	0	0	72
1967	12	319	0	0	0	65
1968	01	325	0	0	0	60
1968	02	279	0	0	0	62
1968	03	324	0	0	0	66
1968	04	309	0	0	0	69
1968	05	320	0	0	0	70
1968	06	318	0	0	0	73
1968	07	208	0	0	0	78
1968	08	324	0	0	0	78
1968	09	309	0	0	0	80
1968	10	326	0	0	0	74
1968	11	292	0	0	0	72
1968	12	332	0	0	0	70

TABLE 16. Summary of Results, Earth-Covered Magazines, NOS, Indian Head, Maryland

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1964	01	8	0	0	0	55
1964	02	8	0	0	0	54
1964	03	9	0	0	0	65
1964	04	7	0	0	0	74
1964	05	45	0	0	0	84
1964	11	72	0	0	0	64
1964	12	59	0	0	0	82
1965	01	933	0	0	0	62
1965	02	863	0	0	0	68
1965	03	1194	0	0	0	65
1965	04	966	0	0	0	72
1965	05	1016	0	0	0	88
1965	06	1089	8	0	0	92
1965	07	1315	25	0	0	97
1965	08	1309	12	0	0	92
1965	09	1083	10	0	0	90
1965	10	1064	0	0	0	84
1965	11	1328	0	0	0	78
1965	12	820	0	0	0	68
1966	01	1273	0	0	0	62
1966	02	1215	0	0	0	58
1966	03	1188	0	0	0	59
1966	04	1106	0	0	0	69
1966	05	1196	0	0	0	79
1968	01	87	0	0	0	80
1968	02	86	0	0	0	76
1968	03	85	0	0	0	80
1968	04	88	0	0	0	85
1968	05	88	0	0	0	88
1968	06	87	15	0	0	95
1968	07	85	43	0	0	98
1968	08	91	56	6	0	104
1968	09	89	6	0	0	95
1968	10	89	2	0	0	95
1968	11	90	0	0	0	88
1968	12	88	0	0	0	68

TABLE 17. Summary of Results, Non-Earth-Covered Magazines, NOS, Indian Head, Maryland

Year	Month	N	Number of data points greater than or equal to			Max temp.
			90°F	100°F	110°F	
1964	03	15	0	0	0	68
1964	04	13	0	0	0	76
1964	05	33	1	0	0	90
1964	06	14	8	0	0	94
1964	07	14	11	0	0	93
1964	08	10	2	0	0	92
1964	09	12	2	0	0	90
1964	10	10	0	0	0	74
1964	11	29	0	0	0	83
1964	12	27	0	0	0	58
1965	01	347	0	0	0	70
1965	02	307	0	0	0	74
1965	03	386	0	0	0	66
1965	04	355	0	0	0	76
1965	05	360	6	0	0	92
1965	06	344	41	0	0	98
1965	07	369	103	0	0	98
1965	08	343	106	0	0	98
1965	09	324	18	0	0	92
1965	10	352	0	0	0	85
1965	11	286	0	0	0	71
1965	12	224	0	0	0	61
1966	01	310	0	0	0	64
1966	02	268	0	0	0	60
1966	03	348	0	0	0	82
1966	04	253	0	0	0	78
1966	05	285	0	0	0	88
1968	01	28	0	0	0	66
1968	02	27	0	0	0	65
1968	03	27	0	0	0	80
1968	04	28	0	0	0	88
1968	05	28	0	0	0	88
1968	06	27	9	1	0	100
1968	07	27	18	4	0	104
1968	08	29	18	1	0	107
1968	09	28	4	0	0	98
1968	10	29	1	0	0	93
1968	11	29	0	0	0	82
1968	12	27	0	0	0	76

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Appendix C

CLASSIFICATION OF MAGAZINES

Storage magazines differ in construction and deployment for the type of ammunition that is to be stored. The storage magazines from which the temperature data have been collected differ greatly in that their classifications range from Explosive Hazard Magazines to storehouses. Their construction, labeling, maintenance, etc., and the frequency at which temperature measurements were taken are in accordance with the document "Ammunition Ashore Handling, Stowing, and Shipping", OP5, Vol. 1, second revision. The letter designations, as established by OP5, are presented in Table 19, so that the reader should have no difficulty in distinguishing between types of magazines that are found at the specified locations.

In order to indicate the type of magazine, OP5 requires that the letter T be added if the magazine is earth-covered and barricaded; the letter C added if the magazine is earth-covered but the door is not barricaded; and the letter S added if the magazine is not earth-covered but is barricaded.

TABLE 18. Storage Magazine Description.

L to N Inclusive and Y Fire Hazard--Powder (Bulk, Semifixed or Bag Ammunition), Pyrotechnics, Ignition Fuzes and Primers, Small Arms, Smoke Drums, Chemical Ammunition

Dimensions (nominal) (ft)	Normal explosive limit (lb)	Letter designator
50 x 100 ----------	500,000 ----------	L
25 x 80 triple arch	500,000 ----------	L
52 dome (Corbetta type)	500,000 ----------	D
50 x 60 ----------	300,000 ----------	M
30 x 50 ----------	125,000 ----------	N
25 x 48 ----------	125,000 ----------	N
25 x 40 ----------	125,000 ----------	N
Miscellaneous or non-standard size	Dependent upon location, size, and construction	Y

TABLE 18. (Contd)

P and Z Missile Hazard--Projectile and Fixed Ammunition

Dimensions (nominal) (ft)	Maximum explosive limit (lb)	Letter designator
50 x 100 ----------	143,000 ----------	P
25 x 80 triple arch	143,000 (total for three arches)	P
52 dome (Corbetta type)	143,000 ----------	D
Miscellaneous or non-standard size	143,000 ----------	Z

A to K Inclusive and W, and X Explosion Hazard--High Explosive (Bulk, Depth Charges, Mines, Warheads, Bombs, etc.) Fuzes, Detonators, Exploders, Black Powder

Dimensions (nominal) (ft)	Normal use	Normal explosive limit (lb)	Letter designator
25 x 80 arch type (igloo)	High explosives	250,000	A
25 x 50 arch type (igloo)	High explosives	143,000	B
25 x 40 arch type (igloo)	High explosives	143,000	B
39 x 44 or 32 x 44 (warhead type)	High explosives	250,000	W
12 x 17 (box type)	Black powder	20,000	E
Miscellaneous or non-standard size	High explosives	Dependent upon size, location, and construction	X
25 x 20 arch type (igloo)	Fuze and detonator	70,000	F
Dimensions vary (gallery or tunnel type)	High explosives	250,000	G
10 x 14	Fuze and detonator	15,000	H
10 x 7	Fuze and detonator	7,500	H
6 x 8-2/3 (keyport type)	High explosives	4,000	K

TABLE 18. (Contd)

Miscellaneous Magazines

Dimensions (nominal) (ft)	Type	Letter designator
25 x 68 ----------	Smoke drum type ----------	SD
25 x 34 ----------	Smoke drum type ----------	SD
25 x 51 ----------	Smoke drum type ----------	SD
	All inert storehouses	SH

Type of hazard	Letter designator
Explosive hazard magazine	X
Fire hazard magazine	Y
Missile hazard magazine	Z

Most naval facilities use storage shelters called Ready Service Lockers (RSL) for supposedly temporary storage. The construction of these shelters differ widely; wooden surface structures to earth-covered, concrete structures.

NAVAL AMMUNITION DEPOT, PORTSMOUTH, VIRGINIA

There are 97 storage magazines from which temperature data have been reported. Sixteen are earth-covered with letter designations X (see Fig. 21) and Y (an instance of mislabeling). Eighty-one are non-earth-covered with letter designations X (Fig. 22) Y and Z.

NAVAL WEAPONS STATION, CHARLESTOWN, SOUTH CAROLINA

There are 128 storage magazines from which temperature data have been reported. All 128 are earth-covered with letter designations AT (Fig. 23), BT, WT, HT, PC, LC, and NC.

Temperatures in buildings 13PC, 10PC, 11PC, 12PC, 2BT, 9LC, 1AT, and 6AT for the months of 1/66 through 4/66 have unusually high temperatures that are unexplainable. This resulted in a larger standard deviation.

NAVAL AMMUNITION DEPOT, CRANE, INDIANA

There are 500 storage magazines from which temperature data have been reported. All 500 are earth-covered with letter designations AT, BT (Fig. 24), LC, PC, and FC.

NAVAL AMMUNITION DEPOT, McALESTER, OKLAHOMA

There are 2,263 storage magazines from which temperature data have been reported. All 2,263 are earth-covered with letter designations LC, DC, PC, FC (Fig. 25), BT, and AT.

NAVAL AIR STATION, DALLAS, TEXAS

There are four storage magazines from which temperature data have been reported. All four are non-earth-covered magazines with letter designations Y and Z (Fig. 26).

NAVAL AIR STATION, CORPUS CHRISTI, TEXAS

There are 15 storage magazines from which temperature data have been reported. Eleven are earth-covered with letter designations BT, HT, XT, YC (Fig. 27), and XC. Four are non-earth-covered with letter designations N and Y (Fig. 28).

NAVAL WEAPONS STATION, CONCORD, CALIFORNIA

There are 263 storage magazines from which temperature data have been reported. All 263 are earth-covered with letter designations AT, HT, FT, BT, PC, LC, AND BM (Fig. 29).

MARINE CORPS AIR STATION, EL TORO, CALIFORNIA

There are 26 storage magazines from which temperature data have been reported. Twenty are earth-covered with letter designations HT, BT, XT, BC (Fig. 30), BTX, BCX, and HTX. Six are non-earth-covered with letter designations Y (Fig. 31), YY, and SD.

Earth-covered data for the time period 1/65 through 4/65 have low average temperatures. The low temperatures are all from magazine IBTI--reason unknown.

NAVAL WEAPONS STATION, SEAL BEACH, CALIFORNIA

There are 103 storage magazines from which temperature data have been reported. One hundred and one are earth-covered with letter designations AT, HT, ET, YC, LC (Fig. 32), and ATX. Two are non-earth-covered with letter designations SD (Fig. 33).

The temperatures for the time period 1/64 through 12/66 show a greater range between the average high temperatures and the average low temperatures.

This variation between high temperature and low temperature diminishes for the years 1/67 through 12/68. This change was discussed with the Seal Beach personnel and verified as valid data.

It is believed that the quality of the data improved because of improved measurement techniques.

NAVAL ORDNANCE STATION, INDIAN HEAD, MARYLAND

There are 127 storage magazines from which temperature data have been reported. Ninety-six are earth-covered with letter designations XT, LT, BCX (Fig. 34), YC, XC, LC, LCY, and ACX. Thirty-one are non-earth-covered magazines with letter designations X, Y (Fig. 35), and L.

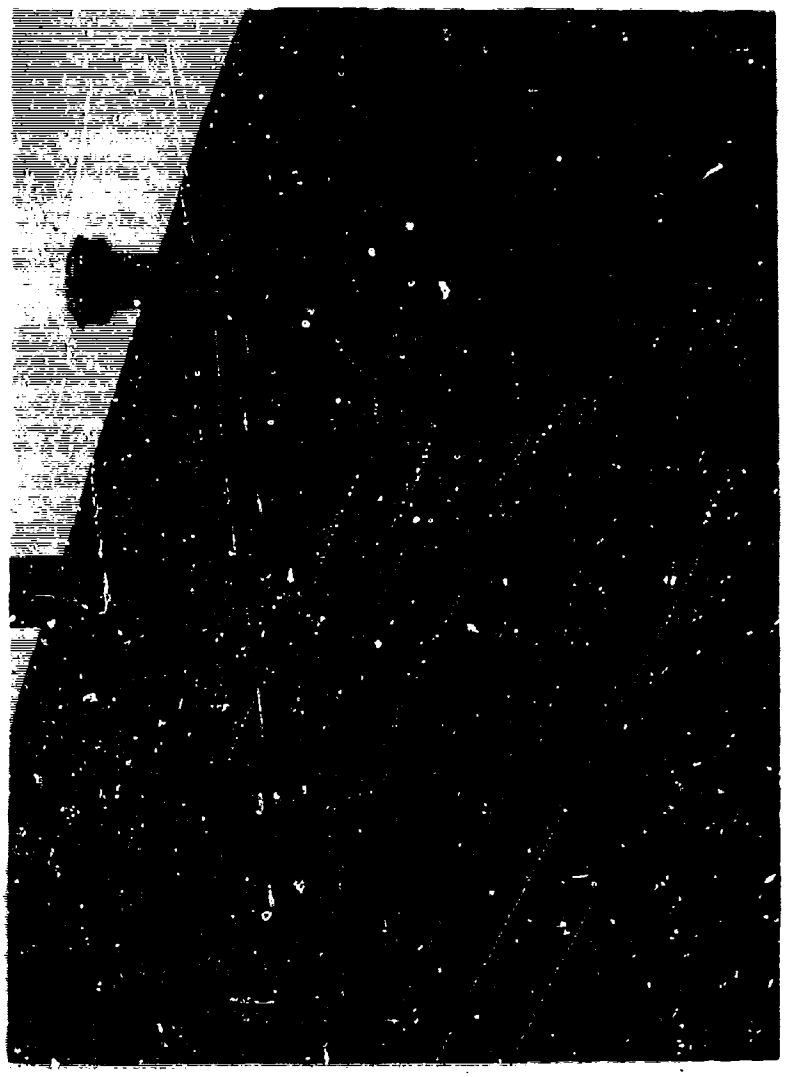

FIG. 21. Portsmouth, Virginia, Magazine 83-X.

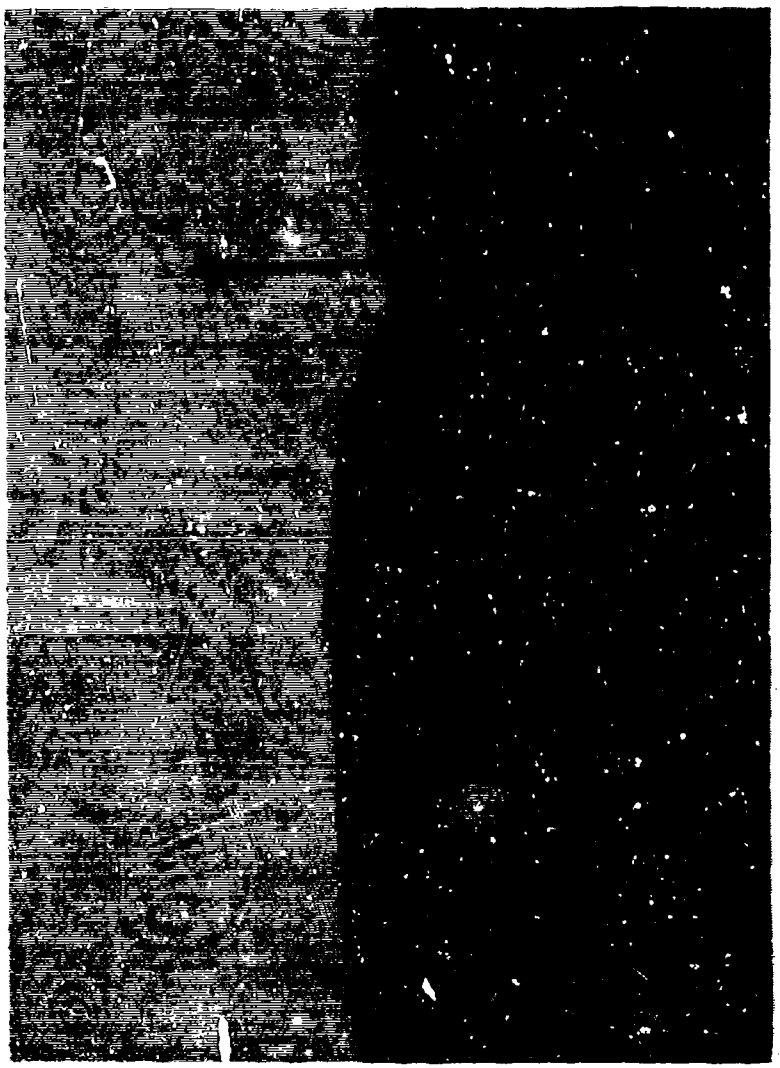

FIG. 22. Portsmouth, Virginia, Magazine 161-X.

FIG. 23. Charlestown, South Carolina, Magazine 1-AT-216.

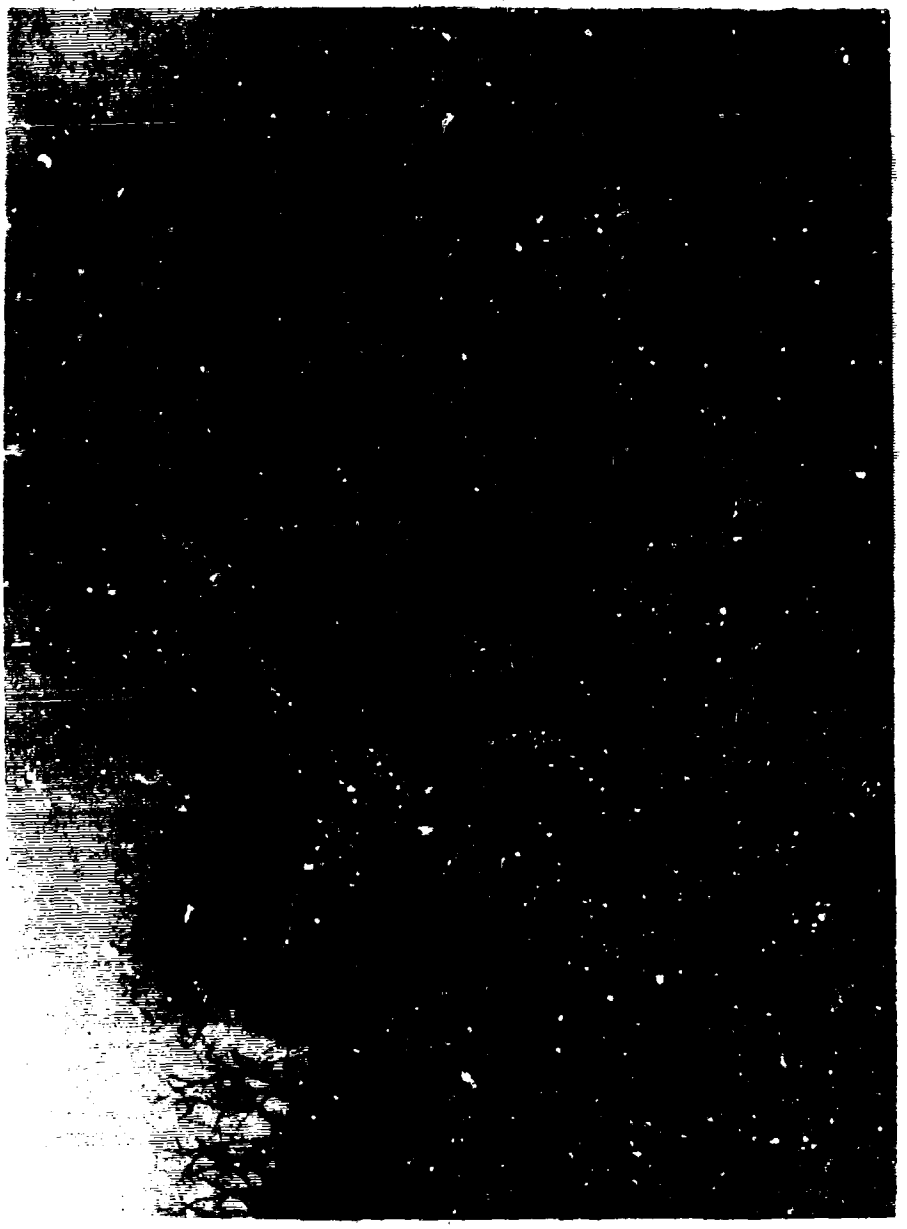

FIG. 24. Crane, Indiana, Magazine 239-BT-20.

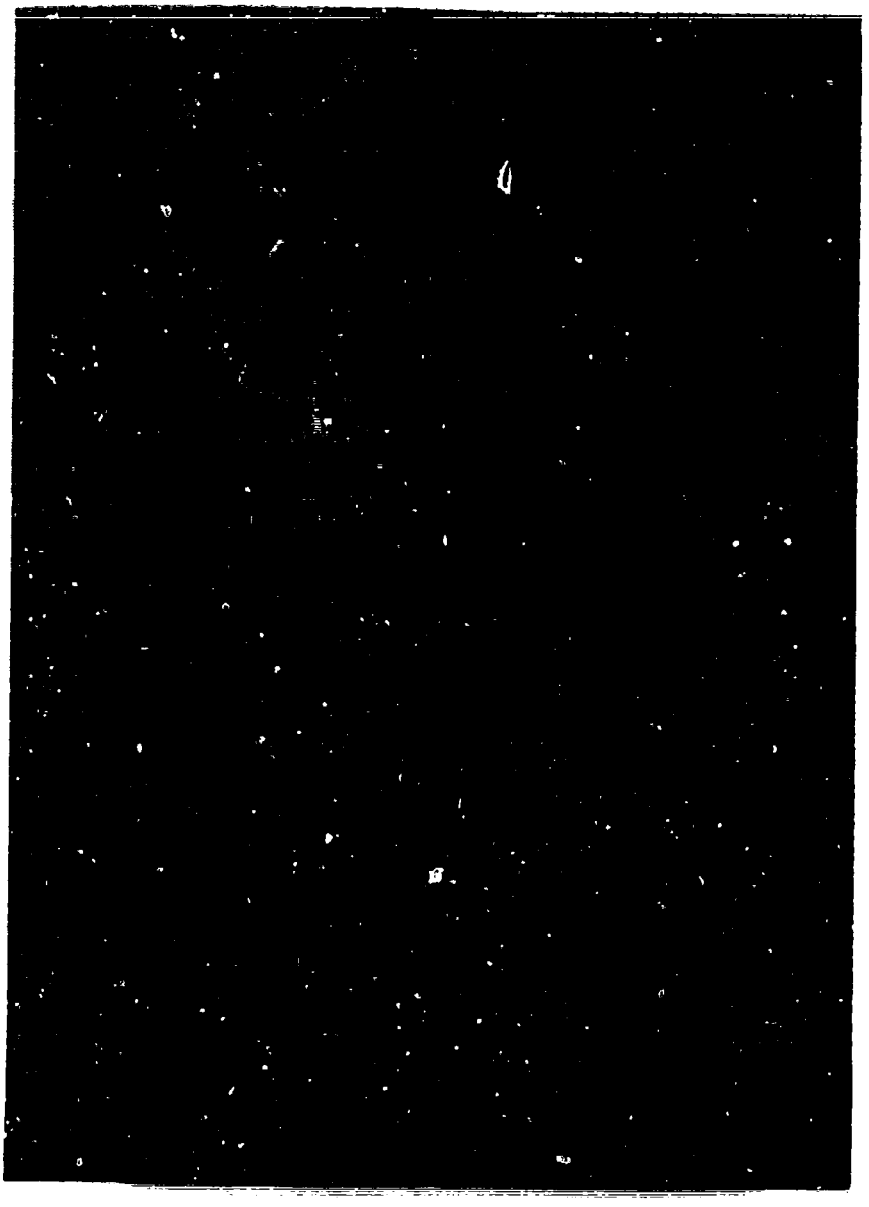

FIG. 25. McAlester, Oklahoma, Magazine 61-FC-811.

FIG. 26. Dallas, Texas, Magazine 2Z1A and 2Z1B.

FIG. 27. Corpus Christi, Texas, Magazine 1-YC-5B and 1-YC-5A.

FIG. 28. Corpus Christi, Texas, Magazine 1-Y-1.

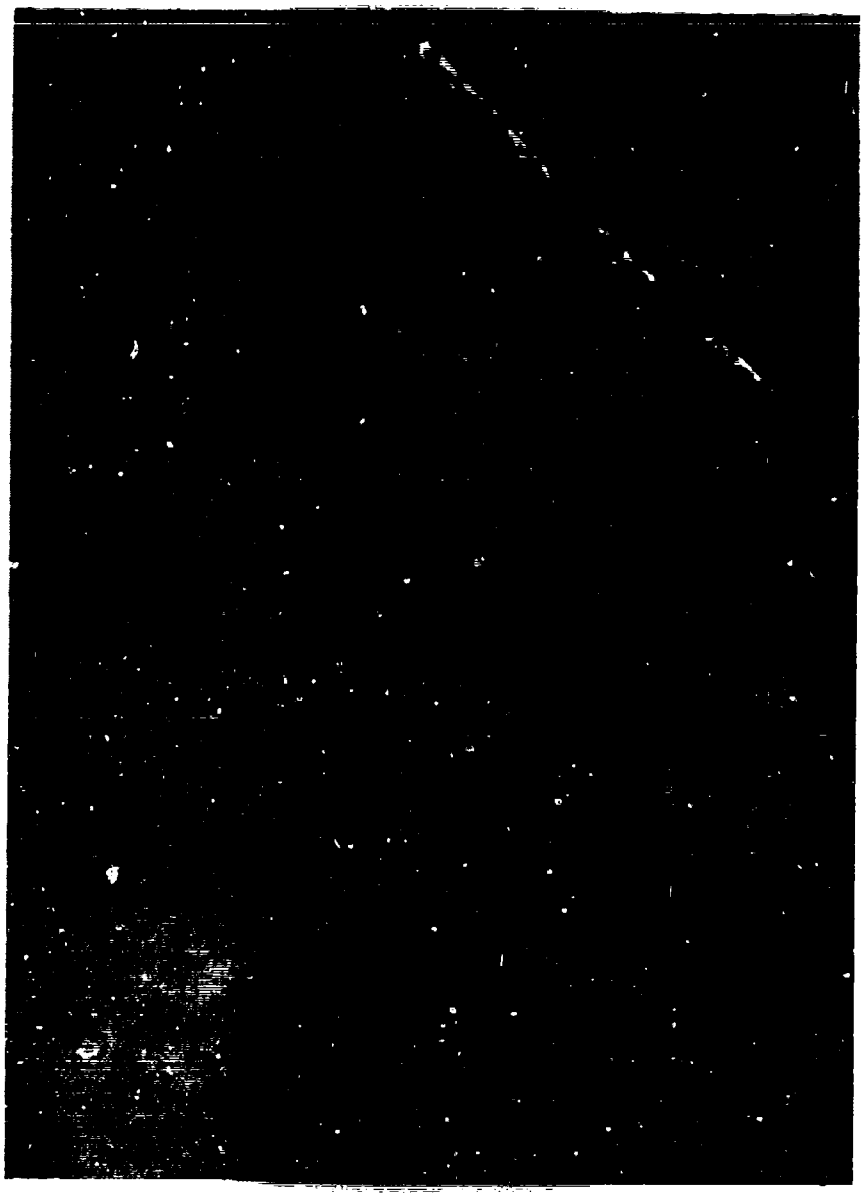

FIG. 29. Concord, California, Magazine 4AT22.

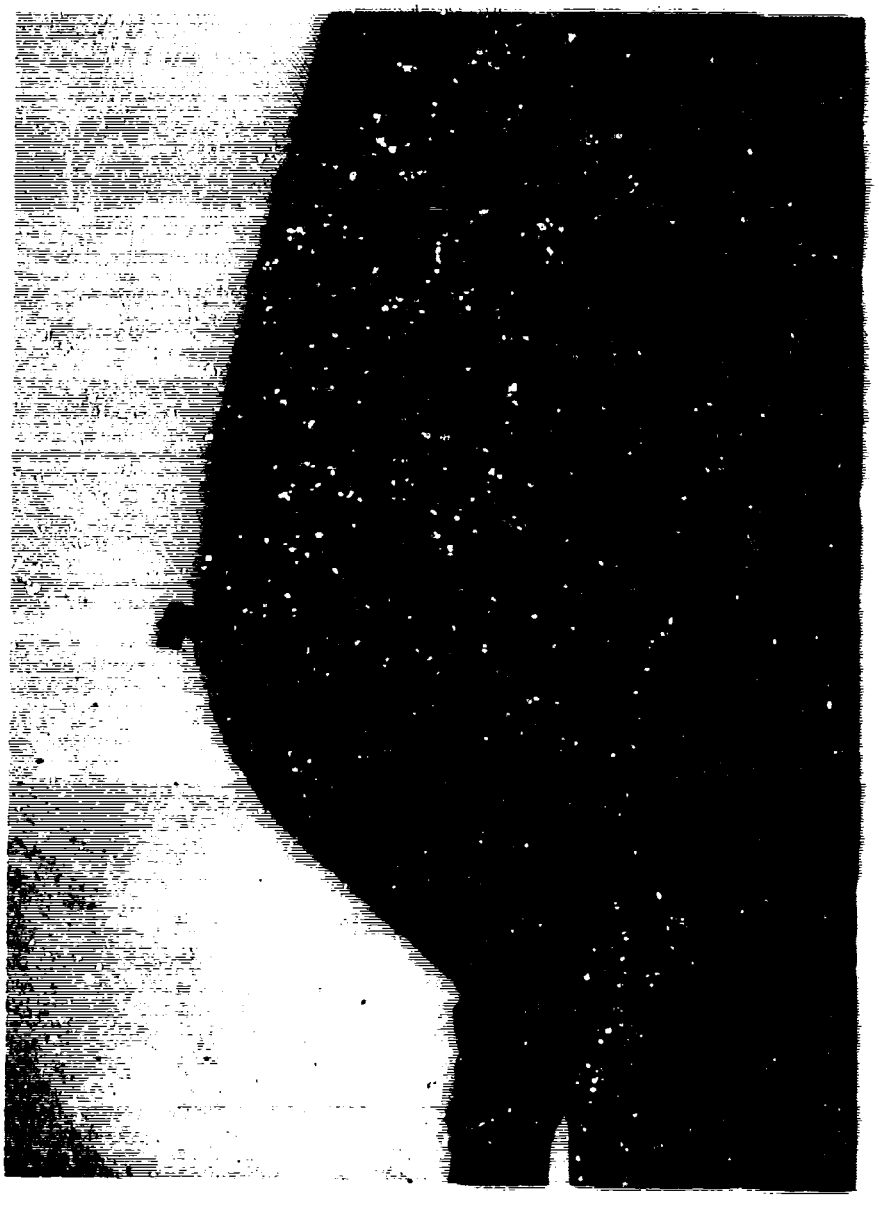

FIG. 30. El Toro, California, Magazine 1-BC-4.

FIG. 31. El Toro, California, Magazine 5-Y-1 and 5-Y-2.

FIG. 32. Seal Beach, California, Magazine 3-LC-8.

FIG. 33. Seal Beach, California, Magazine SD-2.

FIG. 34. Indian Head, Maryland, Magazine 5BCX2.

FIG. 35. Indian Head, Maryland, Magazine IY11.

Appendix D
APPLICABLE STATISTICS

The standard deviation (σ), given along with the average maximum and minimum temperatures, is a number representing a measure of dispersion (precision, reproducibility, spread, scatter, etc.) of temperatures within the month. If it is assumed that the temperature readings within each month are dispersed normally (Gaussian distribution), then the standard deviation (σ) can easily be used for calculating the percentage of temperature readings that would exceed nominal temperatures. The Gaussian distribution is a group of measurements that is symmetrical about the average. That is, the spread of measurements below and above the average would appear as equal, descending bell-shaped curves on either side of the average[1]. Skewness is a term used to define the degree of departure from the symmetrical bell-shaped curve. Figure 36 presents this Gaussian curve. The distributions for within-month temperatures differ from month to month in that the skewness of these distributions differ. However, the skewness is never so extreme that the assumption of normality is applicable.

Temperature averages for the eight storage sites under consideration in this report are given in Tables 20 through 34. An explanation of the symbols is as follows:

D = Date, followed by month and year

LOC = Location; i.e., NAD, Portsmouth, Virginia

N = Number of data points measured

X = Average

SD = Standard deviation

LT = Low temperature (minimum)

HT = High temperature (maximum)

[1]For a Gaussian distribution, 68% of all the values of the distribution lie between plus or minus 1σ from the average (mean), 95% between plus or minus 2σ, and 99% between plus or minus 3σ.

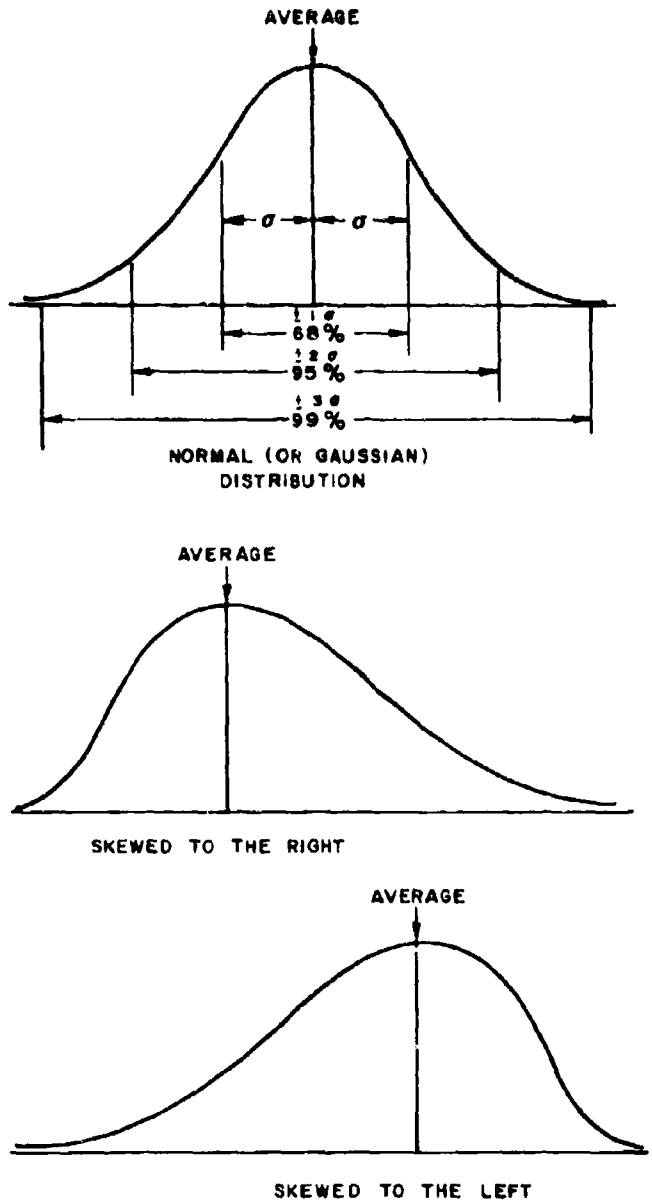

FIG. 36. Gaussian Distribution and Skewed Distributions.

TABLE 19. Minimum and Maximum Storage Temperature in Earth-Covered Storage Magazines, Monthly Summaries, NAD, Portsmouth, Virginia

D12	55	NAD	PORTSMOUTH	N	60	X	40.97	SD	4.453	LT
D12	55	NAD	PORTSMOUTH	N	60	X	53.52	SD	4.463	HT
D01	56	NAD	PORTSMOUTH	N	63	X	36.83	SD	2.751	LT
D01	56	NAD	PORTSMOUTH	N	63	X	47.27	SD	4.407	HT
D02	56	NAD	PORTSMOUTH	N	67	X	42.48	SD	3.431	LT
D02	56	NAD	PORTSMOUTH	N	67	X	55.07	SD	3.430	HT
D03	56	NAD	PORTSMOUTH	N	61	X	44.52	SD	3.467	LT
D03	56	NAD	PORTSMOUTH	N	61	X	58.79	SD	6.649	HT
D04	56	NAD	PORTSMOUTH	N	69	X	48.33	SD	3.071	LT
D04	56	NAD	PORTSMOUTH	N	69	X	64.17	SD	4.731	HT
D05	56	NAD	PORTSMOUTH	N	64	X	57.39	SD	4.733	LT
D05	56	NAD	PORTSMOUTH	N	64	X	72.50	SD	4.781	HT
D06	56	NAD	PORTSMOUTH	N	63	X	68.94	SD	5.019	LT
D06	56	NAD	PORTSMOUTH	N	63	X	81.90	SD	4.503	HT
D07	56	NAD	PORTSMOUTH	N	68	X	76.13	SD	2.485	LT
D07	56	NAD	PORTSMOUTH	N	68	X	85.62	SD	2.818	HT
D08	56	NAD	PORTSMOUTH	N	74	X	75.03	SD	2.164	LT
D08	56	NAD	PORTSMOUTH	N	74	X	84.31	SD	2.928	HT
D09	56	NAD	PORTSMOUTH	N	64	X	71.19	SD	4.298	LT
D09	56	NAD	PORTSMOUTH	N	64	X	82.09	SD	3.064	HT
D10	56	NAD	PORTSMOUTH	N	77	X	63.43	SD	2.526	LT
D10	56	NAD	PORTSMOUTH	N	77	X	71.71	SD	3.170	HT
D11	56	NAD	PORTSMOUTH	N	68	X	54.01	SD	5.557	LT
D11	56	NAD	PORTSMOUTH	N	68	X	66.25	SD	4.679	HT
D12	56	NAD	PORTSMOUTH	N	69	X	48.70	SD	3.516	LT
D12	56	NAD	PORTSMOUTH	N	69	X	60.06	SD	3.944	HT
D01	57	NAD	PORTSMOUTH	N	73	X	39.32	SD	3.919	LT
D01	57	NAD	PORTSMOUTH	N	73	X	54.30	SD	5.492	HT
D02	57	NAD	PORTSMOUTH	N	56	X	43.09	SD	3.277	LT
D02	57	NAD	PORTSMOUTH	N	56	X	53.88	SD	2.523	HT
D03	57	NAD	PORTSMOUTH	N	68	X	46.00	SD	4.070	LT
D03	57	NAD	PORTSMOUTH	N	68	X	57.24	SD	3.766	HT
D04	57	NAD	PORTSMOUTH	N	69	X	52.55	SD	5.022	LT
D04	57	NAD	PORTSMOUTH	N	69	X	66.12	SD	5.529	HT
D05	57	NAD	PORTSMOUTH	N	75	X	64.00	SD	3.702	LT
D05	57	NAD	PORTSMOUTH	N	75	X	76.36	SD	3.392	HT
D06	57	NAD	PORTSMOUTH	N	126	X	75.06	SD	5.035	LT
D06	57	NAD	PORTSMOUTH	N	126	X	82.46	SD	4.330	HT
D07	57	NAD	PORTSMOUTH	N	159	X	78.09	SD	3.291	LT
D07	57	NAD	PORTSMOUTH	N	159	X	85.58	SD	3.472	HT
D08	57	NAD	PORTSMOUTH	N	163	X	75.14	SD	3.569	LT
D08	57	NAD	PORTSMOUTH	N	163	X	82.80	SD	3.893	HT
D09	57	NAD	PORTSMOUTH	N	140	X	74.71	SD	2.762	LT
D09	57	NAD	PORTSMOUTH	N	140	X	82.31	SD	3.121	HT
D10	57	NAD	PORTSMOUTH	N	105	X	61.17	SD	4.358	LT
D10	57	NAD	PORTSMOUTH	N	105	X	70.37	SD	3.609	HT
D11	57	NAD	PORTSMOUTH	N	63	X	51.86	SD	3.926	LT
D11	57	NAD	PORTSMOUTH	N	63	X	63.83	SD	2.888	HT
D12	57	NAD	PORTSMOUTH	N	62	X	44.63	SD	4.778	LT
D12	57	NAD	PORTSMOUTH	N	62	X	58.35	SD	4.736	HT

TABLE 19. (Continued)

D01	58	NAD	PORTSMOUTH	N	60	X	38.35	SD	3.536	LT
D01	58	NAD	PORTSMOUTH	N	60	X	52.63	SD	6.252	HT
D02	58	NAD	PORTSMOUTH	N	64	X	34.14	SD	4.070	LT
D02	58	NAD	PORTSMOUTH	N	64	X	47.34	SD	4.444	HT
D03	58	NAD	PORTSMOUTH	N	66	X	42.50	SD	2.099	LT
D03	58	NAD	PORTSMOUTH	N	66	X	52.74	SD	3.283	HT
D04	58	NAD	PORTSMOUTH	N	76	X	50.88	SD	6.267	LT
D04	58	NAD	PORTSMOUTH	N	76	X	61.39	SD	6.221	HT
D05	58	NAD	PORTSMOUTH	N	66	X	61.98	SD	3.550	LT
D05	58	NAD	PORTSMOUTH	N	66	X	71.91	SD	3.396	HT
D06	58	NAD	PORTSMOUTH	N	47	X	66.81	SD	3.347	LT
D06	58	NAD	PORTSMOUTH	N	47	X	78.34	SD	4.719	HT
D07	58	NAD	PORTSMOUTH	N	45	X	74.51	SD	3.578	LT
D07	58	NAD	PORTSMOUTH	N	45	X	83.58	SD	3.340	HT
D08	58	NAD	PORTSMOUTH	N	58	X	76.36	SD	2.700	LT
D08	58	NAD	PORTSMOUTH	N	58	X	86.09	SD	3.213	HT
D09	58	NAD	PORTSMOUTH	N	52	X	71.90	SD	3.268	LT
D09	58	NAD	PORTSMOUTH	N	52	X	81.73	SD	2.529	HT
D10	58	NAD	PORTSMOUTH	N	50	X	61.98	SD	2.395	LT
D10	58	NAD	PORTSMOUTH	N	50	X	73.44	SD	2.704	HT
D11	58	NAD	PORTSMOUTH	N	59	X	55.81	SD	2.921	LT
D11	58	NAD	PORTSMOUTH	N	59	X	66.05	SD	3.501	HT
D12	58	NAD	PORTSMOUTH	N	53	X	42.11	SD	4.960	LT
D12	58	NAD	PORTSMOUTH	N	53	X	53.64	SD	7.152	HT
D01	59	NAD	PORTSMOUTH	N	64	X	36.91	SD	3.693	LT
D01	59	NAD	PORTSMOUTH	N	64	X	51.78	SD	5.582	HT
D02	59	NAD	PORTSMOUTH	N	63	X	41.17	SD	3.859	LT
D02	59	NAD	PORTSMOUTH	N	63	X	53.38	SD	3.630	HT
D03	59	NAD	PORTSMOUTH	N	67	X	45.12	SD	3.102	LT
D03	59	NAD	PORTSMOUTH	N	67	X	58.06	SD	5.888	HT
D04	59	NAD	PORTSMOUTH	N	74	X	52.16	SD	3.294	LT
D04	59	NAD	PORTSMOUTH	N	74	X	66.81	SD	5.104	HT
D05	59	NAD	PORTSMOUTH	N	64	X	63.81	SD	3.413	LT
D05	59	NAD	PORTSMOUTH	N	64	X	76.14	SD	4.863	HT
D06	59	NAD	PORTSMOUTH	N	96	X	73.51	SD	5.193	LT
D06	59	NAD	PORTSMOUTH	N	96	X	83.48	SD	4.965	HT
D07	59	NAD	PORTSMOUTH	N	96	X	78.27	SD	3.532	LT
D07	59	NAD	PORTSMOUTH	N	96	X	85.25	SD	4.572	HT
D08	59	NAD	PORTSMOUTH	N	85	X	77.86	SD	2.846	LT
D08	59	NAD	PORTSMOUTH	N	85	X	86.29	SD	4.111	HT
D09	59	NAD	PORTSMOUTH	N	74	X	73.41	SD	4.551	LT
D09	59	NAD	PORTSMOUTH	N	74	X	82.34	SD	4.072	HT
D10	59	NAD	PORTSMOUTH	N	65	X	65.52	SD	5.540	LT
D10	59	NAD	PORTSMOUTH	N	65	X	76.15	SD	4.900	HT
D11	59	NAD	PORTSMOUTH	N	67	X	52.36	SD	5.575	LT
D11	59	NAD	PORTSMOUTH	N	67	X	66.21	SD	4.508	HT
D12	59	NAD	PORTSMOUTH	N	55	X	45.09	SD	4.097	LT
D12	59	NAD	PORTSMOUTH	N	55	X	57.05	SD	3.556	HT

TABLE 19. (Continued)

D01	60	NAD	PORTSMOUTH	N	49	X	41.10	SD	3.954	LT
D01	60	NAD	PORTSMOUTH	N	49	X	55.49	SD	3.170	HT
D02	60	NAD	PORTSMOUTH	N	56	X	39.77	SD	2.860	LT
D02	60	NAD	PORTSMOUTH	N	56	X	54.18	SD	4.899	HT
D03	60	NAD	PORTSMOUTH	N	64	X	35.91	SD	3.589	LT
D03	60	NAD	PORTSMOUTH	N	64	X	49.27	SD	5.982	HT
D04	60	NAD	PORTSMOUTH	N	74	X	54.09	SD	6.871	LT
D04	60	NAD	PORTSMOUTH	N	74	X	69.84	SD	6.887	HT
D05	60	NAD	PORTSMOUTH	N	64	X	62.39	SD	3.791	LT
D05	60	NAD	PORTSMOUTH	N	64	X	74.06	SD	4.740	HT
D06	60	NAD	PORTSMOUTH	N	60	X	71.07	SD	3.414	LT
D06	60	NAD	PORTSMOUTH	N	60	X	81.32	SD	4.451	HT
D07	60	NAD	PORTSMOUTH	N	58	X	75.48	SD	1.779	LT
D07	60	NAD	PORTSMOUTH	N	58	X	84.64	SD	3.422	HT
D08	60	NAD	PORTSMOUTH	N	70	X	75.81	SD	1.988	LT
D08	60	NAD	PORTSMOUTH	N	70	X	85.33	SD	3.492	HT
D09	60	NAD	PORTSMOUTH	N	58	X	72.10	SD	2.634	LT
D09	60	NAD	PORTSMOUTH	N	58	X	82.66	SD	3.777	HT
D10	60	NAD	PORTSMOUTH	N	60	X	63.38	SD	4.752	LT
D10	60	NAD	PORTSMOUTH	N	60	X	74.02	SD	4.316	HT
D11	60	NAD	PORTSMOUTH	N	56	X	53.14	SD	2.981	LT
D11	60	NAD	PORTSMOUTH	N	56	X	64.61	SD	3.025	HT
D12	60	NAD	PORTSMOUTH	N	46	X	39.04	SD	6.232	LT
D12	60	NAD	PORTSMOUTH	N	46	X	55.09	SD	7.058	HT
D01	61	NAD	PORTSMOUTH	N	58	X	37.33	SD	4.101	LT
D01	61	NAD	PORTSMOUTH	N	58	X	50.19	SD	3.748	HT
D02	61	NAD	PORTSMOUTH	N	56	X	36.43	SD	5.595	LT
D02	61	NAD	PORTSMOUTH	N	56	X	51.16	SD	8.182	HT
D03	61	NAD	PORTSMOUTH	N	61	X	46.61	SD	2.297	LT
D03	61	NAD	PORTSMOUTH	N	61	X	63.16	SD	4.835	HT
D04	61	NAD	PORTSMOUTH	N	58	X	49.84	SD	2.050	LT
D04	61	NAD	PORTSMOUTH	N	58	X	63.78	SD	5.092	HT
D05	61	NAD	PORTSMOUTH	N	62	X	59.60	SD	4.799	LT
D05	61	NAD	PORTSMOUTH	N	62	X	73.29	SD	3.536	HT
D06	61	NAD	PORTSMOUTH	N	68	X	66.75	SD	4.546	LT
D06	61	NAD	PORTSMOUTH	N	68	X	79.04	SD	3.990	HT
D07	61	NAD	PORTSMOUTH	N	78	X	75.78	SD	4.577	LT
D07	61	NAD	PORTSMOUTH	N	78	X	85.64	SD	4.052	HT
D08	61	NAD	PORTSMOUTH	N	70	X	76.46	SD	2.363	LT
D08	61	NAD	PORTSMOUTH	N	70	X	86.33	SD	3.542	HT
D09	61	NAD	PORTSMOUTH	N	57	X	73.86	SD	4.278	LT
D09	61	NAD	PORTSMOUTH	N	57	X	84.65	SD	3.875	HT
D10	61	NAD	PORTSMOUTH	N	46	X	62.17	SD	3.641	LT
D10	61	NAD	PORTSMOUTH	N	46	X	77.24	SD	4.067	HT
D11	61	NAD	PORTSMOUTH	N	56	X	52.70	SD	5.447	LT
D11	61	NAD	PORTSMOUTH	N	56	X	69.41	SD	6.158	HT
D12	61	NAD	PORTSMOUTH	N	50	X	45.32	SD	4.192	LT
D12	61	NAD	PORTSMOUTH	N	50	X	57.86	SD	2.339	HT

TABLE 19. (Continued)

D01	62	NAD	PORTSMOUTH	N	64	X	37.20	SD	4.299	LT
D01	62	NAD	PORTSMOUTH	N	64	X	53.88	SD	2.740	HT
D02	62	NAD	PORTSMOUTH	N	52	X	36.87	SD	3.343	LT
D02	62	NAD	PORTSMOUTH	N	52	X	53.85	SD	4.808	HT
D03	62	NAD	PORTSMOUTH	N	66	X	40.70	SD	4.162	LT
D03	62	NAD	PORTSMOUTH	N	66	X	57.98	SD	3.639	HT
D04	62	NAD	PORTSMOUTH	N	56	X	49.11	SD	3.102	LT
D04	62	NAD	PORTSMOUTH	N	56	X	66.48	SD	4.801	HT
D05	62	NAD	PORTSMOUTH	N	64	X	62.33	SD	4.612	LT
D05	62	NAD	PORTSMOUTH	N	64	X	77.12	SD	4.355	HT
D06	62	NAD	PORTSMOUTH	N	60	X	69.83	SD	2.669	LT
D06	62	NAD	PORTSMOUTH	N	60	X	82.03	SD	4.100	HT
D07	62	NAD	PORTSMOUTH	N	58	X	72.00	SD	2.582	LT
D07	62	NAD	PORTSMOUTH	N	58	X	82.60	SD	3.746	HT
D08	62	NAD	PORTSMOUTH	N	60	X	74.47	SD	1.282	LT
D08	62	NAD	PORTSMOUTH	N	60	X	84.67	SD	3.423	HT
D09	62	NAD	PORTSMOUTH	N	48	X	70.50	SD	3.667	LT
D09	62	NAD	PORTSMOUTH	N	48	X	82.25	SD	3.778	HT
D10	62	NAD	PORTSMOUTH	N	66	X	62.29	SD	5.288	LT
D10	62	NAD	PORTSMOUTH	N	66	X	76.08	SD	3.892	HT
D11	62	NAD	PORTSMOUTH	N	54	X	48.87	SD	3.464	LT
D11	62	NAD	PORTSMOUTH	N	54	X	61.89	SD	2.246	HT
D12	62	NAD	PORTSMOUTH	N	36	X	36.19	SD	6.807	LT
D12	62	NAD	PORTSMOUTH	N	36	X	55.25	SD	4.198	HT
D01	63	NAD	PORTSMOUTH	N	65	X	32.95	SD	3.659	LT
D01	63	NAD	PORTSMOUTH	N	65	X	52.37	SD	4.110	HT
D02	63	NAD	PORTSMOUTH	N	26	X	31.65	SD	3.032	LT
D02	63	NAD	PORTSMOUTH	N	26	X	50.73	SD	3.539	HT
D03	63	NAD	PORTSMOUTH	N	58	X	37.95	SD	5.880	LT
D03	63	NAD	PORTSMOUTH	N	58	X	60.19	SD	4.363	HT
D04	63	NAD	PORTSMOUTH	N	52	X	51.71	SD	4.430	LT
D04	63	NAD	PORTSMOUTH	N	52	X	71.04	SD	4.744	HT
D05	63	NAD	PORTSMOUTH	N	58	X	57.12	SD	5.068	LT
D05	63	NAD	PORTSMOUTH	N	58	X	75.16	SD	4.432	HT
D06	63	NAD	PORTSMOUTH	N	58	X	64.16	SD	5.693	LT
D06	63	NAD	PORTSMOUTH	N	58	X	80.24	SD	4.784	HT
D07	63	NAD	PORTSMOUTH	N	56	X	71.95	SD	3.492	LT
D07	63	NAD	PORTSMOUTH	N	56	X	85.18	SD	3.932	HT
D08	63	NAD	PORTSMOUTH	N	60	X	75.28	SD	1.698	LT
D08	63	NAD	PORTSMOUTH	N	60	X	86.60	SD	4.118	HT
D09	63	NAD	PORTSMOUTH	N	58	X	68.41	SD	4.151	LT
D09	63	NAD	PORTSMOUTH	N	58	X	82.02	SD	4.419	HT
D10	63	NAD	PORTSMOUTH	N	70	X	60.94	SD	3.234	LT
D10	63	NAD	PORTSMOUTH	N	70	X	74.27	SD	3.472	HT
D11	63	NAD	PORTSMOUTH	N	78	X	45.46	SD	7.048	LT
D11	63	NAD	PORTSMOUTH	N	78	X	63.23	SD	4.454	HT

TABLE 19. (Continued)

D01	64	NAD	PORTSMOUTH	N	46	X	34.76	SD	4.634	LT
D01	64	NAD	PORTSMOUTH	N	46	X	55.89	SD	3.940	HT
D02	64	NAD	PORTSMOUTH	N	39	X	37.15	SD	2.996	LT
D02	64	NAD	PORTSMOUTH	N	39	X	52.87	SD	2.755	HT
D03	64	NAD	PORTSMOUTH	N	58	X	43.86	SD	3.813	LT
D03	64	NAD	PORTSMOUTH	N	58	X	60.48	SD	4.559	HT
D04	64	NAD	PORTSMOUTH	N	56	X	46.64	SD	5.842	LT
D04	64	NAD	PORTSMOUTH	N	56	X	66.75	SD	4.680	HT
D05	64	NAD	PORTSMOUTH	N	38	X	57.97	SD	4.175	LT
D05	64	NAD	PORTSMOUTH	N	38	X	73.87	SD	6.183	HT
D06	64	NAD	PORTSMOUTH	N	20	X	68.85	SD	4.246	LT
D06	64	NAD	PORTSMOUTH	N	20	X	83.35	SD	4.234	HT
D07	64	NAD	PORTSMOUTH	N	60	X	74.62	SD	2.218	LT
D07	64	NAD	PORTSMOUTH	N	60	X	83.97	SD	3.631	HT
D08	64	NAD	PORTSMOUTH	N	58	X	73.12	SD	1.557	LT
D08	64	NAD	PORTSMOUTH	N	58	X	82.59	SD	3.377	HT
D09	64	NAD	PORTSMOUTH	N	56	X	70.11	SD	3.229	LT
D09	64	NAD	PORTSMOUTH	N	56	X	82.18	SD	3.904	HT
D10	64	NAD	PORTSMOUTH	N	65	X	59.23	SD	5.451	LT
D10	64	NAD	PORTSMOUTH	N	65	X	72.11	SD	5.259	HT
D11	64	NAD	PORTSMOUTH	N	48	X	54.92	SD	4.385	LT
D11	64	NAD	PORTSMOUTH	N	48	X	66.44	SD	3.274	HT
D12	64	NAD	PORTSMOUTH	N	62	X	44.47	SD	3.372	LT
D12	64	NAD	PORTSMOUTH	N	62	X	60.15	SD	3.358	HT
D01	65	NAD	PORTSMOUTH	N	58	X	39.53	SD	4.769	LT
D01	65	NAD	PORTSMOUTH	N	58	X	55.38	SD	5.288	HT
D02	65	NAD	PORTSMOUTH	N	54	X	37.83	SD	4.588	LT
D02	65	NAD	PORTSMOUTH	N	54	X	56.06	SD	4.627	HT
D03	65	NAD	PORTSMOUTH	N	66	X	40.45	SD	3.202	LT
D03	65	NAD	PORTSMOUTH	N	66	X	55.80	SD	5.682	HT
D04	65	NAD	PORTSMOUTH	N	60	X	49.45	SD	3.596	LT
D04	65	NAD	PORTSMOUTH	N	60	X	64.58	SD	4.837	HT
D05	65	NAD	PORTSMOUTH	N	57	X	62.02	SD	5.556	LT
D05	65	NAD	PORTSMOUTH	N	57	X	76.42	SD	4.847	HT
D06	65	NAD	PORTSMOUTH	N	64	X	65.84	SD	2.790	LT
D06	65	NAD	PORTSMOUTH	N	64	X	80.75	SD	3.625	HT
D07	65	NAD	PORTSMOUTH	N	64	X	73.23	SD	2.053	LT
D07	65	NAD	PORTSMOUTH	N	64	X	85.09	SD	3.375	HT
D08	65	NAD	PORTSMOUTH	N	60	X	74.27	SD	3.463	LT
D08	65	NAD	PORTSMOUTH	N	60	X	86.02	SD	3.726	HT
D09	65	NAD	PORTSMOUTH	N	63	X	71.90	SD	2.674	LT
D09	65	NAD	PORTSMOUTH	N	63	X	85.10	SD	3.958	HT
D10	65	NAD	PORTSMOUTH	N	64	X	60.83	SD	5.287	LT
D10	65	NAD	PORTSMOUTH	N	64	X	75.95	SD	5.854	HT
D11	65	NAD	PORTSMOUTH	N	58	X	51.38	SD	5.317	LT
D11	65	NAD	PORTSMOUTH	N	58	X	66.47	SD	3.890	HT
D12	65	NAD	PORTSMOUTH	N	60	X	43.90	SD	3.318	LT
D12	65	NAD	PORTSMOUTH	N	60	X	57.52	SD	3.260	HT

TABLE 19. (Continued)

D01	66	NAD	PORTSMOUTH	N	53	X	36.72	SD	4.035	LT
D01	66	NAD	PORTSMOUTH	N	53	X	58.83	SD	3.479	HT
D02	66	NAD	PORTSMOUTH	N	28	X	35.43	SD	4.582	LT
D02	66	NAD	PORTSMOUTH	N	28	X	54.93	SD	4.379	HT
D03	66	NAD	PORTSMOUTH	N	52	X	42.88	SD	3.612	LT
D03	66	NAD	PORTSMOUTH	N	52	X	60.94	SD	3.723	HT
D04	66	NAD	PORTSMOUTH	N	58	X	47.07	SD	2.247	LT
D04	66	NAD	PORTSMOUTH	N	58	X	65.10	SD	4.934	HT
D05	66	NAD	PORTSMOUTH	N	57	X	55.95	SD	4.611	LT
D05	66	NAD	PORTSMOUTH	N	57	X	72.98	SD	4.893	HT
D06	66	NAD	PORTSMOUTH	N	64	X	65.09	SD	3.458	LT
D06	66	NAD	PORTSMOUTH	N	64	X	79.64	SD	4.161	HT
D07	66	NAD	PORTSMOUTH	N	48	X	76.21	SD	3.351	LT
D07	66	NAD	PORTSMOUTH	N	48	X	87.71	SD	4.566	HT
D08	66	NAD	PORTSMOUTH	N	66	X	73.00	SD	2.872	LT
D08	66	NAD	PORTSMOUTH	N	66	X	85.38	SD	3.542	HT
D09	66	NAD	PORTSMOUTH	N	57	X	70.74	SD	3.633	LT
D09	66	NAD	PORTSMOUTH	N	57	X	81.21	SD	4.186	HT
D10	66	NAD	PORTSMOUTH	N	60	X	61.27	SD	2.991	LT
D10	66	NAD	PORTSMOUTH	N	60	X	73.45	SD	4.386	HT
D11	66	NAD	PORTSMOUTH	N	58	X	51.91	SD	4.105	LT
D11	66	NAD	PORTSMOUTH	N	58	X	67.40	SD	3.622	HT
D12	66	NAD	PORTSMOUTH	N	62	X	40.69	SD	4.344	LT
D12	66	NAD	PORTSMOUTH	N	62	X	60.16	SD	4.788	HT
D01	67	NAD	PORTSMOUTH	N	59	X	38.63	SD	3.498	LT
D01	67	NAD	PORTSMOUTH	N	59	X	55.42	SD	6.159	HT
D02	67	NAD	PORTSMOUTH	N	51	X	39.80	SD	3.774	LT
D02	67	NAD	PORTSMOUTH	N	51	X	57.73	SD	4.070	HT
D03	67	NAD	PORTSMOUTH	N	71	X	40.39	SD	5.633	LT
D03	67	NAD	PORTSMOUTH	N	71	X	59.37	SD	7.108	HT
D04	67	NAD	PORTSMOUTH	N	58	X	52.69	SD	4.846	LT
D04	67	NAD	PORTSMOUTH	N	58	X	69.09	SD	4.643	HT
D05	67	NAD	PORTSMOUTH	N	66	X	63.74	SD	7.252	LT
D05	67	NAD	PORTSMOUTH	N	66	X	79.09	SD	4.482	HT
D06	67	NAD	PORTSMOUTH	N	60	X	72.13	SD	1.567	LT
D06	67	NAD	PORTSMOUTH	N	60	X	82.95	SD	3.989	HT
D07	67	NAD	PORTSMOUTH	N	54	X	71.87	SD	1.467	LT
D07	67	NAD	PORTSMOUTH	N	54	X	83.37	SD	2.903	HT
D08	67	NAD	PORTSMOUTH	N	70	X	72.56	SD	2.418	LT
D08	67	NAD	PORTSMOUTH	N	70	X	84.36	SD	2.879	HT
D09	67	NAD	PORTSMOUTH	N	36	X	67.31	SD	2.837	LT
D09	67	NAD	PORTSMOUTH	N	36	X	78.75	SD	4.607	HT
D10	67	NAD	PORTSMOUTH	N	52	X	62.44	SD	5.468	LT
D10	67	NAD	PORTSMOUTH	N	52	X	75.12	SD	4.630	HT
D11	67	NAD	PORTSMOUTH	N	60	X	44.92	SD	5.228	LT
D11	67	NAD	PORTSMOUTH	N	60	X	63.35	SD	5.458	HT
D12	67	NAD	PORTSMOUTH	N	50	X	43.88	SD	3.509	LT
D12	67	NAD	PORTSMOUTH	N	50	X	58.16	SD	5.223	HT

TABLE 19. (Continued)

D01	68	NAD	PORTSMOUTH	N	42	X	33.62	SD	4.417	LT
D01	68	NAD	PORTSMOUTH	N	42	X	49.19	SD	3.952	HT
D02	68	NAD	PORTSMOUTH	N	18	X	34.50	SD	2.956	LT
D02	68	NAD	PORTSMOUTH	N	18	X	51.00	SD	4.887	HT
D03	68	NAD	PORTSMOUTH	N	44	X	37.77	SD	8.515	LT
D03	68	NAD	PORTSMOUTH	N	44	X	54.09	SD	7.615	HT
D04	68	NAD	PORTSMOUTH	N	38	X	49.61	SD	9.006	LT
D04	68	NAD	PORTSMOUTH	N	38	X	67.16	SD	4.037	HT
D05	68	NAD	PORTSMOUTH	N	45	X	60.16	SD	4.945	LT
D05	68	NAD	PORTSMOUTH	N	45	X	71.91	SD	3.469	HT
D06	68	NAD	PORTSMOUTH	N	45	X	64.36	SD	4.291	LT
D06	68	NAD	PORTSMOUTH	N	45	X	79.80	SD	6.100	HT
D07	68	NAD	PORTSMOUTH	N	60	X	73.72	SD	2.731	LT
D07	68	NAD	PORTSMOUTH	N	60	X	86.92	SD	4.955	HT
D08	68	NAD	PORTSMOUTH	N	62	X	72.58	SD	4.671	LT
D08	68	NAD	PORTSMOUTH	N	62	X	89.11	SD	6.504	HT
D09	68	NAD	PORTSMOUTH	N	48	X	73.77	SD	3.157	LT
D09	68	NAD	PORTSMOUTH	N	48	X	83.62	SD	3.606	HT
D10	68	NAD	PORTSMOUTH	N	50	X	65.92	SD	5.352	LT
D10	68	NAD	PORTSMOUTH	N	50	X	80.68	SD	3.961	HT
D11	68	NAD	PORTSMOUTH	N	40	X	51.35	SD	4.400	LT
D11	68	NAD	PORTSMOUTH	N	40	X	72.33	SD	4.649	HT
D12	68	NAD	PORTSMOUTH	N	36	X	40.33	SD	5.722	LT
D12	68	NAD	PORTSMOUTH	N	36	X	56.67	SD	5.601	HT

TABLE 20. Minimum and Maximum Storage Temperature in Non-Earth-Covered Storage Magazines, Monthly Summaries, NAD, Portsmouth, Virginia

D12	55	NAD	PORTSMOUTH	N	206	X	34.25	SD	4.863	LT
D12	55	NAD	PORTSMOUTH	N	206	X	51.71	SD	7.343	HT
D01	56	NAD	PORTSMOUTH	N	223	X	33.52	SD	3.555	LT
D01	56	NAD	PORTSMOUTH	N	223	X	45.82	SD	6.051	HT
D02	56	NAD	PORTSMOUTH	N	215	X	39.82	SD	4.817	LT
D02	56	NAD	PORTSMOUTH	N	215	X	56.95	SD	5.334	HT
D03	56	NAD	PORTSMOUTH	N	222	X	42.09	SD	4.883	LT
D03	56	NAD	PORTSMOUTH	N	222	X	60.81	SD	7.840	HT
D04	56	NAD	PORTSMOUTH	N	222	X	47.20	SD	3.712	LT
D04	56	NAD	PORTSMOUTH	N	222	X	67.82	SD	6.252	HT
D05	56	NAD	PORTSMOUTH	N	234	X	57.33	SD	5.529	LT
D05	56	NAD	PORTSMOUTH	N	234	X	78.59	SD	6.389	HT
D06	56	NAD	PORTSMOUTH	N	230	X	70.09	SD	5.730	LT
D06	56	NAD	PORTSMOUTH	N	230	X	86.76	SD	6.699	HT
D07	56	NAD	PORTSMOUTH	N	244	X	76.50	SD	3.057	LT
D07	56	NAD	PORTSMOUTH	N	244	X	90.16	SD	4.500	HT
D08	56	NAD	PORTSMOUTH	N	232	X	74.76	SD	3.187	LT
D08	56	NAD	PORTSMOUTH	N	232	X	87.62	SD	4.362	HT
D09	56	NAD	PORTSMOUTH	N	212	X	68.99	SD	5.667	LT
D09	56	NAD	PORTSMOUTH	N	212	X	84.43	SD	5.355	HT
D10	56	NAD	PORTSMOUTH	N	239	X	61.47	SD	2.744	LT
D10	56	NAD	PORTSMOUTH	N	239	X	71.62	SD	4.446	HT
D11	56	NAD	PORTSMOUTH	N	214	X	49.76	SD	8.278	LT
D11	56	NAD	PORTSMOUTH	N	214	X	67.39	SD	5.578	HT
D12	56	NAD	PORTSMOUTH	N	213	X	44.79	SD	5.207	LT
D12	56	NAD	PORTSMOUTH	N	213	X	61.32	SD	6.681	HT
D01	57	NAD	PORTSMOUTH	N	233	X	34.14	SD	5.578	LT
D01	57	NAD	PORTSMOUTH	N	233	X	54.64	SD	6.958	HT
D02	57	NAD	PORTSMOUTH	N	209	X	39.74	SD	3.872	LT
D02	57	NAD	PORTSMOUTH	N	209	X	55.79	SD	5.421	HT
D03	57	NAD	PORTSMOUTH	N	221	X	44.33	SD	4.758	LT
D03	57	NAD	PORTSMOUTH	N	221	X	59.81	SD	5.498	HT
D04	57	NAD	PORTSMOUTH	N	250	X	53.15	SD	7.741	LT
D04	57	NAD	PORTSMOUTH	N	250	X	70.99	SD	8.580	HT
D05	57	NAD	PORTSMOUTH	N	231	X	63.70	SD	5.310	LT
D05	57	NAD	PORTSMOUTH	N	231	X	81.53	SD	5.224	HT
D06	57	NAD	PORTSMOUTH	N	434	X	76.27	SD	5.494	LT
D06	57	NAD	PORTSMOUTH	N	434	X	87.94	SD	5.554	HT
D07	57	NAD	PORTSMOUTH	N	565	X	78.10	SD	3.628	LT
D07	57	NAD	PORTSMOUTH	N	565	X	89.80	SD	4.504	HT
D08	57	NAD	PORTSMOUTH	N	568	X	75.06	SD	4.460	LT
D08	57	NAD	PORTSMOUTH	N	568	X	85.86	SD	5.635	HT
D09	57	NAD	PORTSMOUTH	N	475	X	74.46	SD	4.690	LT
D09	57	NAD	PORTSMOUTH	N	475	X	85.18	SD	4.953	HT
D10	57	NAD	PORTSMOUTH	N	342	X	58.31	SD	5.797	LT
D10	57	NAD	PORTSMOUTH	N	342	X	69.86	SD	4.058	HT
D11	57	NAD	PORTSMOUTH	N	212	X	47.55	SD	5.321	LT
D11	57	NAD	PORTSMOUTH	N	212	X	64.60	SD	4.555	HT
D12	57	NAD	PORTSMOUTH	N	225	X	38.96	SD	6.731	LT
D12	57	NAD	PORTSMOUTH	N	225	X	59.11	SD	6.026	HT

TABLE 20. (Continued)

D01	58	NAD	PORTSMOUTH	N	262	X	34.21	SD	4.913	LT
D01	58	NAD	PORTSMOUTH	N	262	X	52.10	SD	6.904	HT
D02	58	NAD	PORTSMOUTH	N	233	X	29.82	SD	6.623	LT
D02	58	NAD	PORTSMOUTH	N	233	X	47.36	SD	6.935	HT
D03	58	NAD	PORTSMOUTH	N	246	X	41.16	SD	4.028	LT
D03	58	NAD	PORTSMOUTH	N	246	X	53.52	SD	5.568	HT
D04	58	NAD	PORTSMOUTH	N	255	X	51.16	SD	7.275	LT
D04	58	NAD	PORTSMOUTH	N	255	X	65.60	SD	8.238	HT
D05	58	NAD	PORTSMOUTH	N	849	X	66.74	SD	4.548	LT
D05	58	NAD	PORTSMOUTH	N	849	X	75.94	SD	4.325	HT
D06	58	NAD	PORTSMOUTH	N	1481	X	70.95	SD	4.410	LT
D06	58	NAD	PORTSMOUTH	N	1481	X	79.41	SD	5.229	HT
D07	58	NAD	PORTSMOUTH	N	1063	X	79.12	SD	3.535	LT
D07	58	NAD	PORTSMOUTH	N	1063	X	87.38	SD	4.702	HT
D08	58	NAD	PORTSMOUTH	N	1086	X	77.64	SD	3.728	LT
D08	58	NAD	PORTSMOUTH	N	1086	X	84.75	SD	6.077	HT
D09	58	NAD	PORTSMOUTH	N	1477	X	71.54	SD	4.100	LT
D09	58	NAD	PORTSMOUTH	N	1477	X	80.17	SD	4.800	HT
D10	58	NAD	PORTSMOUTH	N	663	X	62.16	SD	4.028	LT
D10	58	NAD	PORTSMOUTH	N	663	X	69.51	SD	5.426	HT
D11	58	NAD	PORTSMOUTH	N	171	X	51.54	SD	4.142	LT
D11	58	NAD	PORTSMOUTH	N	171	X	67.47	SD	5.581	HT
D12	58	NAD	PORTSMOUTH	N	152	X	34.27	SD	5.915	LT
D12	58	NAD	PORTSMOUTH	N	152	X	53.70	SD	9.881	HT
D01	59	NAD	PORTSMOUTH	N	184	X	30.62	SD	5.932	LT
D01	59	NAD	PORTSMOUTH	N	184	X	53.77	SD	7.889	HT
D02	59	NAD	PORTSMOUTH	N	209	X	36.30	SD	6.016	LT
D02	59	NAD	PORTSMOUTH	N	209	X	56.24	SD	6.103	HT
D03	59	NAD	PORTSMOUTH	N	221	X	41.66	SD	4.025	LT
D03	59	NAD	PORTSMOUTH	N	221	X	59.89	SD	6.387	HT
D04	59	NAD	PORTSMOUTH	N	208	X	49.19	SD	4.385	LT
D04	59	NAD	PORTSMOUTH	N	208	X	72.13	SD	6.281	HT
D05	59	NAD	PORTSMOUTH	N	215	X	62.92	SD	4.820	LT
D05	59	NAD	PORTSMOUTH	N	215	X	80.47	SD	5.122	HT
D06	59	NAD	PORTSMOUTH	N	324	X	74.09	SD	7.438	LT
D06	59	NAD	PORTSMOUTH	N	324	X	90.78	SD	6.268	HT
D07	59	NAD	PORTSMOUTH	N	326	X	79.26	SD	4.986	LT
D07	59	NAD	PORTSMOUTH	N	326	X	90.56	SD	5.132	HT
D08	59	NAD	PORTSMOUTH	N	286	X	77.66	SD	4.493	LT
D08	59	NAD	PORTSMOUTH	N	286	X	90.49	SD	5.279	HT
D09	59	NAD	PORTSMOUTH	N	242	X	71.83	SD	6.505	LT
D09	59	NAD	PORTSMOUTH	N	242	X	85.90	SD	5.848	HT
D10	59	NAD	PORTSMOUTH	N	247	X	61.43	SD	8.227	LT
D10	59	NAD	PORTSMOUTH	N	247	X	77.34	SD	6.847	HT
D11	59	NAD	PORTSMOUTH	N	230	X	45.66	SD	6.977	LT
D11	59	NAD	PORTSMOUTH	N	230	X	65.99	SD	7.162	HT
D12	59	NAD	PORTSMOUTH	N	178	X	38.89	SD	3.086	LT
D12	59	NAD	PORTSMOUTH	N	178	X	56.29	SD	5.786	HT

TABLE 20. (Continued)

D01	60	NAD	PORTSMOUTH	N	158	X	36.43	SD	4.968	LT
D01	60	NAD	PORTSMOUTH	N	158	X	55.91	SD	6.422	HT
D02	60	NAD	PORTSMOUTH	N	170	X	34.69	SD	3.872	LT
D02	60	NAD	PORTSMOUTH	N	170	X	56.49	SD	6.478	HT
D03	60	NAD	PORTSMOUTH	N	214	X	32.66	SD	4.617	LT
D03	60	NAD	PORTSMOUTH	N	214	X	51.11	SD	9.394	HT
D04	60	NAD	PORTSMOUTH	N	243	X	54.64	SD	9.164	LT
D04	60	NAD	PORTSMOUTH	N	243	X	77.06	SD	8.601	HT
D05	60	NAD	PORTSMOUTH	N	191	X	61.35	SD	5.801	LT
D05	60	NAD	PORTSMOUTH	N	191	X	79.23	SD	5.834	HT
D06	60	NAD	PORTSMOUTH	N	208	X	70.87	SD	5.274	LT
D06	60	NAD	PORTSMOUTH	N	208	X	86.89	SD	4.653	HT
D07	60	NAD	PORTSMOUTH	N	187	X	74.83	SD	4.838	LT
D07	60	NAD	PORTSMOUTH	N	187	X	89.43	SD	4.180	HT
D08	60	NAD	PORTSMOUTH	N	210	X	75.46	SD	3.473	LT
D08	60	NAD	PORTSMOUTH	N	210	X	90.09	SD	4.223	HT
D09	60	NAD	PORTSMOUTH	N	187	X	70.55	SD	3.951	LT
D09	60	NAD	PORTSMOUTH	N	187	X	86.09	SD	5.414	HT
D10	60	NAD	PORTSMOUTH	N	196	X	59.59	SD	6.151	LT
D10	60	NAD	PORTSMOUTH	N	196	X	76.00	SD	5.348	HT
D11	60	NAD	PORTSMOUTH	N	178	X	47.70	SD	4.708	LT
D11	60	NAD	PORTSMOUTH	N	178	X	65.07	SD	5.789	HT
D12	60	NAD	PORTSMOUTH	N	149	X	33.03	SD	7.114	LT
D12	60	NAD	PORTSMOUTH	N	149	X	56.45	SD	9.199	HT
D01	61	NAD	PORTSMOUTH	N	190	X	31.14	SD	5.498	LT
D01	61	NAD	PORTSMOUTH	N	190	X	50.93	SD	5.204	HT
D02	61	NAD	PORTSMOUTH	N	178	X	32.21	SD	6.722	LT
D02	61	NAD	PORTSMOUTH	N	178	X	51.54	SD	10.816	HT
D03	61	NAD	PORTSMOUTH	N	218	X	43.14	SD	4.420	LT
D03	61	NAD	PORTSMOUTH	N	218	X	67.16	SD	6.872	HT
D04	61	NAD	PORTSMOUTH	N	187	X	47.47	SD	3.622	LT
D04	61	NAD	PORTSMOUTH	N	187	X	68.74	SD	7.713	HT
D05	61	NAD	PORTSMOUTH	N	196	X	58.47	SD	5.893	LT
D05	61	NAD	PORTSMOUTH	N	196	X	77.53	SD	5.546	HT
D06	61	NAD	PORTSMOUTH	N	200	X	65.35	SD	6.683	LT
D06	61	NAD	PORTSMOUTH	N	200	X	86.00	SD	5.191	HT
D07	61	NAD	PORTSMOUTH	N	245	X	75.51	SD	6.394	LT
D07	61	NAD	PORTSMOUTH	N	245	X	91.81	SD	5.593	HT
D08	61	NAD	PORTSMOUTH	N	211	X	75.84	SD	3.454	LT
D08	61	NAD	PORTSMOUTH	N	211	X	91.07	SD	4.491	HT
D09	61	NAD	PORTSMOUTH	N	187	X	72.90	SD	5.300	LT
D09	61	NAD	PORTSMOUTH	N	187	X	89.40	SD	5.118	HT
D10	61	NAD	PORTSMOUTH	N	202	X	57.83	SD	5.257	LT
D10	61	NAD	PORTSMOUTH	N	202	X	77.34	SD	6.713	HT
D11	61	NAD	PORTSMOUTH	N	187	X	48.45	SD	7.566	LT
D11	61	NAD	PORTSMOUTH	N	187	X	70.09	SD	7.338	HT
D12	61	NAD	PORTSMOUTH	N	161	X	39.14	SD	4.070	LT
D12	61	NAD	PORTSMOUTH	N	161	X	58.30	SD	4.513	HT

TABLE 20. (Continued)

D01	62	NAD	PORTSMOUTH	N	197	X	31.51	SD	5.131	LT
D01	62	NAD	PORTSMOUTH	N	197	X	55.25	SD	4.585	HT
D02	62	NAD	PORTSMOUTH	N	190	X	32.86	SD	4.541	LT
D02	62	NAD	PORTSMOUTH	N	190	X	56.43	SD	6.340	HT
D03	62	NAD	PORTSMOUTH	N	207	X	37.73	SD	5.069	LT
D03	62	NAD	PORTSMOUTH	N	207	X	59.66	SD	4.905	HT
D04	62	NAD	PORTSMOUTH	N	214	X	46.88	SD	5.007	LT
D04	62	NAD	PORTSMOUTH	N	214	X	70.56	SD	5.607	HT
D05	62	NAD	PORTSMOUTH	N	210	X	62.41	SD	6.042	LT
D05	62	NAD	PORTSMOUTH	N	210	X	83.39	SD	5.556	HT
D06	62	NAD	PORTSMOUTH	N	208	X	70.15	SD	4.451	LT
D06	62	NAD	PORTSMOUTH	N	208	X	87.10	SD	4.767	HT
D07	62	NAD	PORTSMOUTH	N	203	X	71.42	SD	2.950	LT
D07	62	NAD	PORTSMOUTH	N	203	X	88.55	SD	3.960	HT
D08	62	NAD	PORTSMOUTH	N	227	X	73.49	SD	2.523	LT
D08	62	NAD	PORTSMOUTH	N	227	X	88.76	SD	4.115	HT
D09	62	NAD	PORTSMOUTH	N	186	X	69.25	SD	4.898	LT
D09	62	NAD	PORTSMOUTH	N	186	X	86.05	SD	4.799	HT
D10	62	NAD	PORTSMOUTH	N	216	X	59.66	SD	7.962	LT
D10	62	NAD	PORTSMOUTH	N	216	X	77.71	SD	4.950	HT
D11	62	NAD	PORTSMOUTH	N	180	X	44.08	SD	3.688	LT
D11	62	NAD	PORTSMOUTH	N	180	X	62.71	SD	5.681	HT
D12	62	NAD	PORTSMOUTH	N	148	X	34.10	SD	9.371	LT
D12	62	NAD	PORTSMOUTH	N	148	X	56.19	SD	4.270	HT
D01	63	NAD	PORTSMOUTH	N	217	X	29.04	SD	4.154	LT
D01	63	NAD	PORTSMOUTH	N	217	X	53.18	SD	4.349	HT
D02	63	NAD	PORTSMOUTH	N	109	X	28.33	SD	5.099	LT
D02	63	NAD	PORTSMOUTH	N	109	X	54.89	SD	4.226	HT
D03	63	NAD	PORTSMOUTH	N	201	X	37.50	SD	7.470	LT
D03	63	NAD	PORTSMOUTH	N	201	X	63.08	SD	4.676	HT
D04	63	NAD	PORTSMOUTH	N	169	X	48.77	SD	5.407	LT
D04	63	NAD	PORTSMOUTH	N	169	X	73.85	SD	5.744	HT
D05	63	NAD	PORTSMOUTH	N	216	X	53.86	SD	4.860	LT
D05	63	NAD	PORTSMOUTH	N	216	X	80.19	SD	6.146	HT
D06	63	NAD	PORTSMOUTH	N	200	X	64.38	SD	6.812	LT
D06	63	NAD	PORTSMOUTH	N	200	X	85.99	SD	4.982	HT
D07	63	NAD	PORTSMOUTH	N	174	X	70.68	SD	5.630	LT
D07	63	NAD	PORTSMOUTH	N	174	X	90.13	SD	4.578	HT
D08	63	NAD	PORTSMOUTH	N	181	X	74.59	SD	3.989	LT
D08	63	NAD	PORTSMOUTH	N	181	X	90.16	SD	4.080	HT
D09	63	NAD	PORTSMOUTH	N	202	X	65.29	SD	4.395	LT
D09	63	NAD	PORTSMOUTH	N	202	X	84.13	SD	5.893	HT
D10	63	NAD	PORTSMOUTH	N	211	X	59.05	SD	4.130	LT
D10	63	NAD	PORTSMOUTH	N	211	X	75.12	SD	4.338	HT
D11	63	NAD	PORTSMOUTH	N	158	X	45.56	SD	4.168	LT
D11	63	NAD	PORTSMOUTH	N	158	X	65.92	SD	4.744	HT
D12	63	NAD	PORTSMOUTH	N	131	X	39.63	SD	4.077	LT
D12	63	NAD	PORTSMOUTH	N	131	X	59.73	SD	5.818	HT

TABLE 20. (Continued)

D01	64	NAD	PORTSMOUTH	N	161	X	31.25	SD	7.057	LT
D01	64	NAD	PORTSMOUTH	N	161	X	57.55	SD	4.903	HT
D02	64	NAD	PORTSMOUTH	N	185	X	34.77	SD	3.051	LT
D02	64	NAD	PORTSMOUTH	N	185	X	53.88	SD	3.453	HT
D03	64	NAD	PORTSMOUTH	N	204	X	41.06	SD	4.927	LT
D03	64	NAD	PORTSMOUTH	N	204	X	62.10	SD	6.496	HT
D04	64	NAD	PORTSMOUTH	N	200	X	46.15	SD	5.175	LT
D04	64	NAD	PORTSMOUTH	N	200	X	68.55	SD	6.226	HT
D05	64	NAD	PORTSMOUTH	N	109	X	55.65	SD	5.639	LT
D05	64	NAD	PORTSMOUTH	N	109	X	77.73	SD	6.012	HT
D06	64	NAD	PORTSMOUTH	N	80	X	68.34	SD	4.712	LT
D06	64	NAD	PORTSMOUTH	N	80	X	88.96	SD	4.530	HT
D07	64	NAD	PORTSMOUTH	N	207	X	73.42	SD	4.216	LT
D07	64	NAD	PORTSMOUTH	N	207	X	88.06	SD	4.013	HT
D08	64	NAD	PORTSMOUTH	N	214	X	72.32	SD	3.072	LT
D08	64	NAD	PORTSMOUTH	N	214	X	86.96	SD	3.669	HT
D09	64	NAD	PORTSMOUTH	N	201	X	67.26	SD	4.571	LT
D09	64	NAD	PORTSMOUTH	N	201	X	84.45	SD	4.720	HT
D10	64	NAD	PORTSMOUTH	N	204	X	53.77	SD	5.847	LT
D10	64	NAD	PORTSMOUTH	N	204	X	73.00	SD	6.956	HT
D11	64	NAD	PORTSMOUTH	N	194	X	49.50	SD	6.518	LT
D11	64	NAD	PORTSMOUTH	N	194	X	68.99	SD	6.141	HT
D12	64	NAD	PORTSMOUTH	N	210	X	37.56	SD	3.959	LT
D12	64	NAD	PORTSMOUTH	N	210	X	61.82	SD	4.488	HT
D01	65	NAD	PORTSMOUTH	N	205	X	34.03	SD	5.593	LT
D01	65	NAD	PORTSMOUTH	N	205	X	56.05	SD	6.821	HT
D02	65	NAD	PORTSMOUTH	N	195	X	31.50	SD	6.346	LT
D02	65	NAD	PORTSMOUTH	N	195	X	59.27	SD	6.821	HT
D03	65	NAD	PORTSMOUTH	N	210	X	36.50	SD	4.639	LT
D03	65	NAD	PORTSMOUTH	N	210	X	56.17	SD	5.271	HT
D04	65	NAD	PORTSMOUTH	N	227	X	46.93	SD	4.969	LT
D04	65	NAD	PORTSMOUTH	N	227	X	67.68	SD	6.950	HT
D05	65	NAD	PORTSMOUTH	N	207	X	60.61	SD	7.355	LT
D05	65	NAD	PORTSMOUTH	N	207	X	81.51	SD	5.541	HT
D06	65	NAD	PORTSMOUTH	N	222	X	64.20	SD	5.006	LT
D06	65	NAD	PORTSMOUTH	N	222	X	85.60	SD	5.350	HT
D07	65	NAD	PORTSMOUTH	N	207	X	72.63	SD	3.731	LT
D07	65	NAD	PORTSMOUTH	N	207	X	89.51	SD	4.348	HT
D08	65	NAD	PORTSMOUTH	N	219	X	73.74	SD	3.161	LT
D08	65	NAD	PORTSMOUTH	N	219	X	89.19	SD	4.318	HT
D09	65	NAD	PORTSMOUTH	N	225	X	69.31	SD	4.934	LT
D09	65	NAD	PORTSMOUTH	N	225	X	87.30	SD	5.487	HT
D10	65	NAD	PORTSMOUTH	N	213	X	57.37	SD	6.523	LT
D10	65	NAD	PORTSMOUTH	N	213	X	77.57	SD	7.357	HT
D11	65	NAD	PORTSMOUTH	N	194	X	47.53	SD	4.510	LT
D11	65	NAD	PORTSMOUTH	N	194	X	67.72	SD	6.757	HT
D12	65	NAD	PORTSMOUTH	N	212	X	38.18	SD	3.979	LT
D12	65	NAD	PORTSMOUTH	N	212	X	58.69	SD	4.625	HT

TABLE 20. (Continued)

D01	66	NAD	PORTSMOUTH	N	169	X	33.49	SD	4.363	LT
D01	66	NAD	PORTSMOUTH	N	169	X	61.79	SD	3.852	HT
D02	66	NAD	PORTSMOUTH	N	99	X	36.20	SD	3.828	LT
D02	66	NAD	PORTSMOUTH	N	99	X	59.15	SD	5.009	HT
D03	66	NAD	PORTSMOUTH	N	215	X	39.99	SD	5.110	LT
D03	66	NAD	PORTSMOUTH	N	215	X	63.98	SD	5.705	HT
D04	66	NAD	PORTSMOUTH	N	199	X	44.72	SD	3.696	LT
D04	66	NAD	PORTSMOUTH	N	199	X	69.10	SD	6.750	HT
D05	66	NAD	PORTSMOUTH	N	206	X	54.43	SD	6.538	LT
D05	66	NAD	PORTSMOUTH	N	206	X	77.29	SD	5.263	HT
D06	66	NAD	PORTSMOUTH	N	215	X	62.47	SD	5.615	LT
D06	66	NAD	PORTSMOUTH	N	215	X	84.83	SD	5.572	HT
D07	66	NAD	PORTSMOUTH	N	226	X	74.31	SD	5.143	LT
D07	66	NAD	PORTSMOUTH	N	226	X	94.84	SD	6.137	HT
D08	66	NAD	PORTSMOUTH	N	286	X	70.91	SD	3.825	LT
D08	66	NAD	PORTSMOUTH	N	286	X	90.78	SD	6.007	HT
D09	66	NAD	PORTSMOUTH	N	241	X	66.89	SD	5.310	LT
D09	66	NAD	PORTSMOUTH	N	241	X	84.29	SD	6.137	HT
D10	66	NAD	PORTSMOUTH	N	215	X	56.13	SD	4.542	LT
D10	66	NAD	PORTSMOUTH	N	215	X	74.70	SD	5.625	HT
D11	66	NAD	PORTSMOUTH	N	205	X	45.95	SD	4.494	LT
D11	66	NAD	PORTSMOUTH	N	205	X	67.68	SD	4.825	HT
D12	66	NAD	PORTSMOUTH	N	211	X	36.09	SD	4.057	LT
D12	66	NAD	PORTSMOUTH	N	211	X	58.81	SD	5.136	HT
D01	67	NAD	PORTSMOUTH	N	197	X	33.84	SD	3.558	LT
D01	67	NAD	PORTSMOUTH	N	197	X	57.31	SD	6.932	HT
D02	67	NAD	PORTSMOUTH	N	192	X	35.80	SD	4.814	LT
D02	67	NAD	PORTSMOUTH	N	192	X	61.22	SD	6.099	HT
D03	67	NAD	PORTSMOUTH	N	250	X	35.18	SD	7.346	LT
D03	67	NAD	PORTSMOUTH	N	250	X	62.58	SD	9.801	HT
D04	67	NAD	PORTSMOUTH	N	204	X	49.53	SD	6.122	LT
D04	67	NAD	PORTSMOUTH	N	204	X	75.69	SD	5.700	HT
D05	67	NAD	PORTSMOUTH	N	224	X	60.92	SD	9.468	LT
D05	67	NAD	PORTSMOUTH	N	224	X	84.38	SD	4.934	HT
D06	67	NAD	PORTSMOUTH	N	230	X	71.98	SD	3.254	LT
D06	67	NAD	PORTSMOUTH	N	230	X	87.09	SD	4.508	HT
D07	67	NAD	PORTSMOUTH	N	186	X	72.39	SD	2.573	LT
D07	67	NAD	PORTSMOUTH	N	186	X	87.06	SD	3.999	HT
D08	67	NAD	PORTSMOUTH	N	227	X	70.79	SD	4.382	LT
D08	67	NAD	PORTSMOUTH	N	227	X	88.13	SD	3.619	HT
D09	67	NAD	PORTSMOUTH	N	143	X	65.13	SD	3.971	LT
D09	67	NAD	PORTSMOUTH	N	143	X	82.78	SD	4.270	HT
D10	67	NAD	PORTSMOUTH	N	181	X	59.33	SD	6.786	LT
D10	67	NAD	PORTSMOUTH	N	181	X	76.42	SD	5.340	HT
D11	67	NAD	PORTSMOUTH	N	215	X	42.88	SD	6.923	LT
D11	67	NAD	PORTSMOUTH	N	215	X	64.32	SD	6.511	HT
D12	67	NAD	PORTSMOUTH	N	201	X	38.69	SD	4.087	LT
D12	67	NAD	PORTSMOUTH	N	201	X	57.88	SD	5.421	HT

TABLE 20. (Continued)

D01	68	NAD	PORTSMOUTH	N	145	X	28.77	SD	5.173	LT
D01	68	NAD	PORTSMOUTH	N	145	X	50.46	SD	4.852	HT
D02	68	NAD	PORTSMOUTH	N	62	X	30.95	SD	4.950	LT
D02	68	NAD	PORTSMOUTH	N	62	X	53.81	SD	5.118	HT
D03	68	NAD	PORTSMOUTH	N	183	X	34.77	SD	9.103	LT
D03	68	NAD	PORTSMOUTH	N	183	X	56.77	SD	7.539	HT
D04	68	NAD	PORTSMOUTH	N	161	X	49.17	SD	7.622	LT
D04	68	NAD	PORTSMOUTH	N	161	X	72.60	SD	4.692	HT
D05	68	NAD	PORTSMOUTH	N	169	X	58.92	SD	5.602	LT
D05	68	NAD	PORTSMOUTH	N	169	X	77.98	SD	4.921	HT
D06	68	NAD	PORTSMOUTH	N	197	X	63.54	SD	5.005	LT
D06	68	NAD	PORTSMOUTH	N	197	X	84.37	SD	7.553	HT
D07	68	NAD	PORTSMOUTH	N	230	X	75.04	SD	4.189	LT
D07	68	NAD	PORTSMOUTH	N	230	X	93.09	SD	5.403	HT
D08	68	NAD	PORTSMOUTH	N	232	X	72.49	SD	5.463	LT
D08	68	NAD	PORTSMOUTH	N	232	X	95.32	SD	7.226	HT
D09	68	NAD	PORTSMOUTH	N	181	X	71.39	SD	6.009	LT
D09	68	NAD	PORTSMOUTH	N	181	X	90.02	SD	7.160	HT
D10	68	NAD	PORTSMOUTH	N	209	X	62.96	SD	7.242	LT
D10	68	NAD	PORTSMOUTH	N	209	X	83.62	SD	5.370	HT
D11	68	NAD	PORTSMOUTH	N	145	X	46.43	SD	5.881	LT
D11	68	NAD	PORTSMOUTH	N	145	X	74.01	SD	5.111	HT
D12	68	NAD	PORTSMOUTH	N	121	X	32.96	SD	5.520	LT
D12	68	NAD	PORTSMOUTH	N	121	X	60.28	SD	7.848	HT

TABLE 21. Minimum and Maximum Storage Temperature in Earth-Covered Storage Magazines, Monthly Summaries, NWS, Charleston, South Carolina

D07	63	NWS	CHARLESTON	N	341	X	75.73	SD	2.906	LT
D07	63	NWS	CHARLESTON	N	341	X	80.65	SD	2.114	HT
D08	63	NWS	CHARLESTON	N	467	X	78.30	SD	1.545	LT
D08	63	NWS	CHARLESTON	N	467	X	82.49	SD	2.099	HT
D09	63	NWS	CHARLESTON	N	426	X	74.60	SD	2.750	LT
D09	63	NWS	CHARLESTON	N	426	X	79.63	SD	1.826	HT
D10	63	NWS	CHARLESTON	N	468	X	68.19	SD	2.130	LT
D10	63	NWS	CHARLESTON	N	468	X	73.50	SD	2.166	HT
D11	63	NWS	CHARLESTON	N	383	X	59.41	SD	3.284	LT
D11	63	NWS	CHARLESTON	N	383	X	67.04	SD	2.983	HT
D12	63	NWS	CHARLESTON	N	447	X	51.59	SD	3.962	LT
D12	63	NWS	CHARLESTON	N	447	X	59.26	SD	4.105	HT
D01	64	NWS	CHARLESTON	N	466	X	47.04	SD	2.455	LT
D01	64	NWS	CHARLESTON	N	466	X	54.24	SD	1.834	HT
D02	64	NWS	CHARLESTON	N	405	X	48.31	SD	1.962	LT
D02	64	NWS	CHARLESTON	N	405	X	53.68	SD	1.555	HT
D03	64	NWS	CHARLESTON	N	473	X	51.84	SD	3.327	LT
D03	64	NWS	CHARLESTON	N	473	X	59.52	SD	3.190	HT
D04	64	NWS	CHARLESTON	N	464	X	56.96	SD	3.776	LT
D04	64	NWS	CHARLESTON	N	464	X	64.65	SD	3.829	HT
D05	64	NWS	CHARLESTON	N	415	X	65.48	SD	3.184	LT
D05	64	NWS	CHARLESTON	N	415	X	72.45	SD	3.529	HT
D06	64	NWS	CHARLESTON	N	498	X	73.69	SD	3.309	LT
D06	64	NWS	CHARLESTON	N	498	X	79.79	SD	3.071	HT
D07	64	NWS	CHARLESTON	N	517	X	76.41	SD	1.552	LT
D07	64	NWS	CHARLESTON	N	517	X	80.73	SD	2.198	HT
D08	64	NWS	CHARLESTON	N	491	X	76.68	SD	1.452	LT
D08	64	NWS	CHARLESTON	N	491	X	80.35	SD	1.968	HT
D09	64	NWS	CHARLESTON	N	491	X	75.18	SD	2.153	LT
D09	64	NWS	CHARLESTON	N	491	X	79.52	SD	2.145	HT
D10	64	NWS	CHARLESTON	N	515	X	66.83	SD	3.748	LT
D10	64	NWS	CHARLESTON	N	515	X	73.41	SD	3.998	HT
D11	64	NWS	CHARLESTON	N	421	X	62.44	SD	1.912	LT
D11	64	NWS	CHARLESTON	N	421	X	66.77	SD	1.223	HT
D12	64	NWS	CHARLESTON	N	512	X	55.86	SD	2.618	LT
D12	64	NWS	CHARLESTON	N	512	X	62.77	SD	2.675	HT
D01	65	NWS	CHARLESTON	N	460	X	51.97	SD	3.225	LT
D01	65	NWS	CHARLESTON	N	460	X	58.53	SD	2.626	HT
D02	65	NWS	CHARLESTON	N	443	X	50.75	SD	2.811	LT
D02	65	NWS	CHARLESTON	N	443	X	57.74	SD	2.393	HT
D03	65	NWS	CHARLESTON	N	535	X	51.93	SD	2.837	LT
D03	65	NWS	CHARLESTON	N	535	X	58.30	SD	2.609	HT
D04	65	NWS	CHARLESTON	N	447	X	58.36	SD	3.568	LT
D04	65	NWS	CHARLESTON	N	447	X	65.49	SD	3.470	HT
D05	65	NWS	CHARLESTON	N	394	X	66.62	SD	4.025	LT
D05	65	NWS	CHARLESTON	N	394	X	74.25	SD	3.613	HT
D06	65	NWS	CHARLESTON	N	438	X	72.63	SD	1.847	LT
D06	65	NWS	CHARLESTON	N	438	X	77.94	SD	2.081	HT

TABLE 21. (Continued)

D07	65	NWS	CHARLESTON	N	409	X	75.70	SD	1.562	LT
D07	65	NWS	CHARLESTON	N	409	X	80.64	SD	1.999	HT
D08	65	NWS	CHARLESTON	N	431	X	77.18	SD	1.167	LT
D08	65	NWS	CHARLESTON	N	431	X	82.23	SD	1.582	HT
D09	65	NWS	CHARLESTON	N	407	X	75.63	SD	1.508	LT
D09	65	NWS	CHARLESTON	N	407	X	80.94	SD	1.711	HT
D10	65	NWS	CHARLESTON	N	408	X	69.25	SD	3.265	LT
D10	65	NWS	CHARLESTON	N	408	X	75.42	SD	2.761	HT
D11	65	NWS	CHARLESTON	N	372	X	61.52	SD	2.176	LT
D11	65	NWS	CHARLESTON	N	372	X	67.58	SD	3.001	HT
D12	65	NWS	CHARLESTON	N	417	X	53.73	SD	2.177	LT
D12	65	NWS	CHARLESTON	N	417	X	61.05	SD	3.604	HT
D01	66	NWS	CHARLESTON	N	473	X	53.05	SD	9.140	LT
D01	66	NWS	CHARLESTON	N	473	X	60.20	SD	8.414	HT
D02	66	NWS	CHARLESTON	N	413	X	48.64	SD	9.676	LT
D02	66	NWS	CHARLESTON	N	413	X	56.44	SD	9.132	HT
D03	66	NWS	CHARLESTON	N	491	X	52.51	SD	6.685	LT
D03	66	NWS	CHARLESTON	N	491	X	59.60	SD	6.397	HT
D04	66	NWS	CHARLESTON	N	443	X	57.78	SD	5.671	LT
D04	66	NWS	CHARLESTON	N	443	X	64.95	SD	5.676	HT
D05	66	NWS	CHARLESTON	N	471	X	64.99	SD	4.386	LT
D05	66	NWS	CHARLESTON	N	471	X	71.72	SD	3.792	HT
D06	66	NWS	CHARLESTON	N	492	X	70.76	SD	2.927	LT
D06	66	NWS	CHARLESTON	N	492	X	76.21	SD	2.963	HT
D07	66	NWS	CHARLESTON	N	350	X	75.95	SD	2.318	LT
D07	66	NWS	CHARLESTON	N	350	X	81.70	SD	2.384	HT
D08	66	NWS	CHARLESTON	N	377	X	76.70	SD	1.809	LT
D08	66	NWS	CHARLESTON	N	377	X	81.81	SD	1.813	HT
D09	66	NWS	CHARLESTON	N	340	X	74.66	SD	1.914	LT
D09	66	NWS	CHARLESTON	N	340	X	79.50	SD	2.260	HT
D10	66	NWS	CHARLESTON	N	349	X	68.56	SD	2.711	LT
D10	66	NWS	CHARLESTON	N	349	X	74.98	SD	2.302	HT
D11	66	NWS	CHARLESTON	N	196	X	62.36	SD	3.343	LT
D11	66	NWS	CHARLESTON	N	196	X	70.14	SD	2.912	HT
D01	67	NWS	CHARLESTON	N	165	X	51.05	SD	2.227	LT
D01	67	NWS	CHARLESTON	N	165	X	66.55	SD	2.226	HT
D04	67	NWS	CHARLESTON	N	125	X	49.14	SD	5.175	LT
D04	67	NWS	CHARLESTON	N	125	X	68.08	SD	4.027	HT
D01	68	NWS	CHARLESTON	N	126	X	49.69	SD	3.229	LT
D01	68	NWS	CHARLESTON	N	126	X	71.50	SD	2.995	HT
D04	68	NWS	CHARLESTON	N	126	X	46.81	SD	2.193	LT
D04	68	NWS	CHARLESTON	N	126	X	66.29	SD	2.789	HT
D07	68	NWS	CHARLESTON	N	126	X	61.04	SD	2.624	LT
D07	68	NWS	CHARLESTON	N	126	X	81.67	SD	2.315	HT
D10	68	NWS	CHARLESTON	N	126	X	72.52	SD	1.783	LT
D10	68	NWS	CHARLESTON	N	126	X	84.58	SD	1.587	HT

TABLE 22. Minimum and Maximum Storage Temperature in Earth-Covered Storage Magazines, Monthly Summaries, NAD, Crane, Indiana

D11	65	NAD	CRANE	IND	N	78	X	50.45	SD	3.887	LT
D11	65	NAD	CRANE	IND	N	78	X	56.46	SD	3.741	HT
D12	65	NAD	CRANE	IND	N	120	X	43.47	SD	2.563	LT
D12	65	NAD	CRANE	IND	N	120	X	47.93	SD	3.017	HT
D01	66	NAD	CRANE	IND	N	126	X	37.12	SD	4.821	LT
D01	66	NAD	CRANE	IND	N	126	X	41.47	SD	5.008	HT
D02	66	NAD	CRANE	IND	N	113	X	34.70	SD	3.598	LT
D02	66	NAD	CRANE	IND	N	113	X	38.62	SD	3.233	HT
D03	66	NAD	CRANE	IND	N	138	X	40.92	SD	3.874	LT
D03	66	NAD	CRANE	IND	N	138	X	45.66	SD	3.610	HT
D04	66	NAD	CRANE	IND	N	126	X	45.86	SD	4.405	LT
D04	66	NAD	CRANE	IND	N	126	X	50.84	SD	4.017	HT
D05	66	NAD	CRANE	IND	N	36	X	51.67	SD	2.608	LT
D05	66	NAD	CRANE	IND	N	36	X	57.75	SD	3.434	HT
D07	66	NAD	CRANE	IND	N	118	X	71.37	SD	2.864	LT
D07	66	NAD	CRANE	IND	N	118	X	76.30	SD	2.820	HT
D08	66	NAD	CRANE	IND	N	138	X	70.39	SD	2.080	LT
D08	66	NAD	CRANE	IND	N	138	X	75.03	SD	2.171	HT
D09	66	NAD	CRANE	IND	N	125	X	66.38	SD	3.079	LT
D09	66	NAD	CRANE	IND	N	125	X	71.27	SD	3.368	HT
D10	66	NAD	CRANE	IND	N	126	X	56.56	SD	2.922	LT
D10	66	NAD	CRANE	IND	N	126	X	61.99	SD	3.500	HT
D11	66	NAD	CRANE	IND	N	114	X	49.29	SD	3.417	LT
D11	66	NAD	CRANE	IND	N	114	X	54.96	SD	4.027	HT
D12	66	NAD	CRANE	IND	N	126	X	41.88	SD	3.268	LT
D12	66	NAD	CRANE	IND	N	126	X	45.76	SD	3.216	HT

TABLE 22. (Continued)

D01	67	NAD	CRANE	IND	N	126	X	36.90	SD	3.788	LT
D01	67	NAD	CRANE	IND	N	126	X	40.67	SD	3.743	HT
D02	67	NAD	CRANE	IND	N	114	X	35.69	SD	3.570	LT
D02	67	NAD	CRANE	IND	N	114	X	40.67	SD	3.626	HT
D03	67	NAD	CRANE	IND	N	138	X	40.71	SD	5.507	LT
D03	67	NAD	CRANE	IND	N	138	X	45.64	SD	5.409	HT
D04	67	NAD	CRANE	IND	N	120	X	51.73	SD	2.442	LT
D04	67	NAD	CRANE	IND	N	120	X	57.34	SD	2.668	HT
D05	67	NAD	CRANE	IND	N	132	X	54.66	SD	3.893	LT
D05	67	NAD	CRANE	IND	N	132	X	59.95	SD	3.503	HT
D06	67	NAD	CRANE	IND	N	132	X	65.02	SD	3.936	LT
D06	67	NAD	CRANE	IND	N	132	X	69.08	SD	3.800	HT
D07	67	NAD	CRANE	IND	N	119	X	68.18	SD	2.489	LT
D07	67	NAD	CRANE	IND	N	119	X	72.69	SD	2.664	HT
D08	67	NAD	CRANE	IND	N	132	X	68.80	SD	2.734	LT
D08	67	NAD	CRANE	IND	N	132	X	73.38	SD	2.666	HT
D09	67	NAD	CRANE	IND	N	120	X	64.62	SD	2.744	LT
D09	67	NAD	CRANE	IND	N	120	X	69.30	SD	2.989	HT
D10	67	NAD	CRANE	IND	N	132	X	57.25	SD	3.710	LT
D10	67	NAD	CRANE	IND	N	132	X	62.02	SD	4.198	HT
D11	67	NAD	CRANE	IND	N	114	X	47.10	SD	4.103	LT
D11	67	NAD	CRANE	IND	N	114	X	51.11	SD	4.376	HT
D12	67	NAD	CRANE	IND	N	120	X	42.16	SD	3.848	LT
D12	67	NAD	CRANE	IND	N	120	X	46.05	SD	3.983	HT
D01	68	NAD	CRANE	IND	N	133	X	33.72	SD	3.502	LT
D01	68	NAD	CRANE	IND	N	133	X	37.02	SD	4.027	HT
D02	68	NAD	CRANE	IND	N	126	X	34.26	SD	4.101	LT
D02	68	NAD	CRANE	IND	N	126	X	38.92	SD	4.227	HT
D03	68	NAD	CRANE	IND	N	126	X	37.85	SD	4.226	LT
D03	68	NAD	CRANE	IND	N	126	X	43.21	SD	5.113	HT
D04	68	NAD	CRANE	IND	N	132	X	48.86	SD	3.436	LT
D04	68	NAD	CRANE	IND	N	132	X	54.17	SD	3.664	HT
D05	68	NAD	CRANE	IND	N	130	X	56.45	SD	2.642	LT
D05	68	NAD	CRANE	IND	N	130	X	60.45	SD	2.279	HT
D06	68	NAD	CRANE	IND	N	120	X	65.25	SD	3.391	LT
D06	68	NAD	CRANE	IND	N	120	X	69.61	SD	3.298	HT
D07	68	NAD	CRANE	IND	N	133	X	69.65	SD	2.646	LT
D07	68	NAD	CRANE	IND	N	133	X	73.96	SD	2.745	HT
D08	68	NAD	CRANE	IND	N	132	X	71.78	SD	2.832	LT
D08	68	NAD	CRANE	IND	N	132	X	76.82	SD	2.895	HT
D09	68	NAD	CRANE	IND	N	120	X	66.83	SD	2.437	LT
D09	68	NAD	CRANE	IND	N	120	X	71.39	SD	2.395	HT
D10	68	NAD	CRANE	IND	N	138	X	59.83	SD	4.052	LT
D10	68	NAD	CRANE	IND	N	138	X	64.65	SD	4.275	HT
D11	68	NAD	CRANE	IND	N	120	X	49.82	SD	3.712	LT
D11	68	NAD	CRANE	IND	N	120	X	53.29	SD	4.237	HT
D12	68	NAD	CRANE	IND	N	114	X	40.68	SD	3.676	LT
D12	68	NAD	CRANE	IND	N	114	X	44.49	SD	3.470	HT

TABLE 23. Minimum and Maximum Storage Temperature in Earth-Covered Storage Magazines, Monthly Summaries, NAD, McAlester, Oklahoma

D07	59	NAD MCALESTER	N	1	X	63.00	SD	.000	LT
D07	59	NAD MCALESTER	N	1	X	78.00	SD	.000	HT
D08	59	NAD MCALESTER	N	1	X	70.00	SD	.000	LT
D08	59	NAD MCALESTER	N	1	X	80.00	SD	.000	HT
D09	59	NAD MCALESTER	N	2	X	72.00	SD	.000	LT
D09	59	NAD MCALESTER	N	2	X	81.00	SD	1.414	HT
D10	59	NAD MCALESTER	N	3	X	68.33	SD	2.082	LT
D10	59	NAD MCALESTER	N	3	X	77.33	SD	2.082	HT
D11	59	NAD MCALESTER	N	2	X	60.00	SD	2.328	LT
D11	59	NAD MCALESTER	N	2	X	78.50	SD	.707	HT
D12	59	NAD MCALESTER	N	3	X	55.67	SD	8.327	LT
D12	59	NAD MCALESTER	N	3	X	75.00	SD	8.660	HT
D01	60	NAD MCALESTER	N	3	X	42.00	SD	6.557	LT
D01	60	NAD MCALESTER	N	3	X	69.00	SD	5.292	HT
D02	60	NAD MCALESTER	N	1	X	44.00	SD	.000	LT
D02	60	NAD MCALESTER	N	1	X	61.00	SD	.000	HT
D03	60	NAD MCALESTER	N	6	X	40.50	SD	2.074	LT
D03	60	NAD MCALESTER	N	6	X	54.17	SD	3.125	HT
D04	60	NAD MCALESTER	N	3	X	39.67	SD	2.082	LT
D04	60	NAD MCALESTER	N	3	X	59.00	SD	2.646	HT
D05	60	NAD MCALESTER	N	5	X	49.80	SD	4.712	LT
D05	60	NAD MCALESTER	N	5	X	68.40	SD	4.037	HT
D06	60	NAD MCALESTER	N	3	X	58.33	SD	2.309	LT
D06	60	NAD MCALESTER	N	3	X	70.67	SD	2.082	HT
D07	60	NAD MCALESTER	N	4	X	67.75	SD	1.708	LT
D07	60	NAD MCALESTER	N	4	X	81.25	SD	3.948	HT
D08	60	NAD MCALESTER	N	3	X	70.33	SD	.577	LT
D08	60	NAD MCALESTER	N	3	X	76.00	SD	2.000	HT
D09	60	NAD MCALESTER	N	4	X	74.75	SD	2.363	LT
D09	60	NAD MCALESTER	N	4	X	83.50	SD	4.435	HT
D10	60	NAD MCALESTER	N	4	X	68.00	SD	3.559	LT
D10	60	NAD MCALESTER	N	4	X	79.50	SD	5.802	HT
D11	60	NAD MCALESTER	N	3	X	59.33	SD	2.082	LT
D11	60	NAD MCALESTER	N	3	X	77.33	SD	.577	HT
D12	60	NAD MCALESTER	N	3	X	49.67	SD	1.528	LT
D12	60	NAD MCALESTER	N	3	X	72.00	SD	2.646	HT
D01	61	NAD MCALESTER	N	2	X	41.50	SD	9.192	LT
D01	61	NAD MCALESTER	N	2	X	74.00	SD	.000	HT
D02	61	NAD MCALESTER	N	5	X	39.80	SD	1.643	LT
D02	61	NAD MCALESTER	N	5	X	64.80	SD	.837	HT
D03	61	NAD MCALESTER	N	5	X	42.00	SD	2.000	LT
D03	61	NAD MCALESTER	N	5	X	57.00	SD	4.359	HT
D04	61	NAD MCALESTER	N	1	X	40.00	SD	.000	LT
D04	61	NAD MCALESTER	N	1	X	68.00	SD	.000	HT
D08	61	NAD MCALESTER	N	9	X	63.67	SD	1.500	LT
D08	61	NAD MCALESTER	N	9	X	80.44	SD	1.667	HT
D09	61	NAD MCALESTER	N	9	X	67.33	SD	2.693	LT
D09	61	NAD MCALESTER	N	9	X	80.00	SD	4.717	HT
D10	61	NAD MCALESTER	N	8	X	64.62	SD	1.302	LT
D10	61	NAD MCALESTER	N	8	X	77.00	SD	4.243	HT
D11	61	NAD MCALESTER	N	8	X	56.62	SD	1.847	LT
D11	61	NAD MCALESTER	N	8	X	74.75	SD	5.036	HT
D12	61	NAD MCALESTER	N	2	X	48.50	SD	4.950	LT
D12	61	NAD MCALESTER	N	2	X	74.00	SD	1.414	HT

TABLE 23. (Continued)

D01	62	NAD MCALESTER	N	17	X	38.71	SD	4.524	LT
D01	62	NAD MCALESTER	N	17	X	65.65	SD	4.821	HT
D02	62	NAD MCALESTER	N	37	X	36.78	SD	3.233	LT
D02	62	NAD MCALESTER	N	37	X	59.19	SD	3.063	HT
D03	62	NAD MCALESTER	N	51	X	39.20	SD	5.632	LT
D03	62	NAD MCALESTER	N	51	X	56.80	SD	6.264	HT
D04	62	NAD MCALESTER	N	56	X	42.04	SD	3.837	LT
D04	62	NAD MCALESTER	N	56	X	59.18	SD	3.982	HT
D05	62	NAD MCALESTER	N	58	X	50.72	SD	4.848	LT
D05	62	NAD MCALESTER	N	58	X	69.45	SD	6.347	HT
D06	62	NAD MCALESTER	N	52	X	58.81	SD	5.612	LT
D06	62	NAD MCALESTER	N	52	X	73.75	SD	4.058	HT
D07	62	NAD MCALESTER	N	58	X	69.40	SD	4.087	LT
D07	62	NAD MCALESTER	N	58	X	80.67	SD	4.169	HT
D08	62	NAD MCALESTER	N	69	X	73.65	SD	4.521	LT
D08	62	NAD MCALESTER	N	69	X	82.22	SD	5.455	HT
D09	62	NAD MCALESTER	N	53	X	72.36	SD	3.732	LT
D09	62	NAD MCALESTER	N	53	X	81.68	SD	5.964	HT
D10	62	NAD MCALESTER	N	55	X	63.56	SD	6.749	LT
D10	62	NAD MCALESTER	N	55	X	80.05	SD	6.505	HT
D11	62	NAD MCALESTER	N	41	X	64.10	SD	6.379	LT
D11	62	NAD MCALESTER	N	41	X	79.07	SD	4.180	HT
D12	62	NAD MCALESTER	N	49	X	52.49	SD	9.003	LT
D12	62	NAD MCALESTER	N	49	X	76.76	SD	6.392	HT
D01	63	NAD MCALESTER	N	65	X	41.43	SD	5.565	LT
D01	63	NAD MCALESTER	N	65	X	67.89	SD	8.016	HT
D02	63	NAD MCALESTER	N	57	X	35.95	SD	3.637	LT
D02	63	NAD MCALESTER	N	57	X	53.18	SD	4.778	HT
D03	63	NAD MCALESTER	N	59	X	38.63	SD	4.982	LT
D03	63	NAD MCALESTER	N	59	X	54.95	SD	5.879	HT
D04	63	NAD MCALESTER	N	65	X	42.40	SD	4.673	LT
D04	63	NAD MCALESTER	N	65	X	64.20	SD	4.988	HT
D05	63	NAD MCALESTER	N	66	X	54.79	SD	4.415	LT
D05	63	NAD MCALESTER	N	66	X	70.27	SD	6.260	HT
D06	63	NAD MCALESTER	N	54	X	59.50	SD	3.820	LT
D06	63	NAD MCALESTER	N	54	X	74.56	SD	4.951	HT
D07	63	NAD MCALESTER	N	55	X	65.00	SD	4.485	LT
D07	63	NAD MCALESTER	N	55	X	82.29	SD	4.829	HT
D08	63	NAD MCALESTER	N	96	X	75.03	SD	6.081	LT
D08	63	NAD MCALESTER	N	96	X	83.22	SD	4.603	HT
D09	63	NAD MCALESTER	N	80	X	75.79	SD	4.277	LT
D09	63	NAD MCALESTER	N	80	X	82.20	SD	3.982	HT
D10	63	NAD MCALESTER	N	77	X	69.01	SD	3.084	LT
D10	63	NAD MCALESTER	N	77	X	78.16	SD	3.660	HT
D11	63	NAD MCALESTER	N	60	X	62.87	SD	4.382	LT
D11	63	NAD MCALESTER	N	60	X	74.52	SD	3.601	HT
D12	63	NAD MCALESTER	N	54	X	50.57	SD	4.372	LT
D12	63	NAD MCALESTER	N	54	X	69.78	SD	3.451	HT

TABLE 23. (Continued)

D01	64	NAD	MCALESTER	N	83	X	40.30	SD	4.661	LT
D01	64	NAD	MCALESTER	N	83	X	60.57	SD	7.402	HT
D02	64	NAD	MCALESTER	N	66	X	41.36	SD	3.422	LT
D02	64	NAD	MCALESTER	N	66	X	54.59	SD	5.860	HT
D03	64	NAD	MCALESTER	N	59	X	42.98	SD	3.735	LT
D03	64	NAD	MCALESTER	N	59	X	54.15	SD	5.162	HT
D04	64	NAD	MCALESTER	N	71	X	44.13	SD	4.398	LT
D04	64	NAD	MCALESTER	N	71	X	63.52	SD	4.708	HT
D05	64	NAD	MCALESTER	N	59	X	49.97	SD	5.477	LT
D05	64	NAD	MCALESTER	N	59	X	68.27	SD	4.664	HT
D06	64	NAD	MCALESTER	N	70	X	59.61	SD	3.902	LT
D06	64	NAD	MCALESTER	N	70	X	74.69	SD	4.516	HT
D07	64	NAD	MCALESTER	N	120	X	72.80	SD	6.002	LT
D07	64	NAD	MCALESTER	N	120	X	79.86	SD	4.349	HT
D08	64	NAD	MCALESTER	N	126	X	76.63	SD	3.470	LT
D08	64	NAD	MCALESTER	N	126	X	81.63	SD	4.396	HT
D09	64	NAD	MCALESTER	N	90	X	70.68	SD	3.815	LT
D09	64	NAD	MCALESTER	N	90	X	79.67	SD	2.673	HT
D10	64	NAD	MCALESTER	N	103	X	64.13	SD	3.618	LT
D10	64	NAD	MCALESTER	N	103	X	76.00	SD	4.125	HT
D11	64	NAD	MCALESTER	N	72	X	60.32	SD	4.097	LT
D11	64	NAD	MCALESTER	N	72	X	69.44	SD	4.165	HT
D12	64	NAD	MCALESTER	N	100	X	47.22	SD	3.762	LT
D12	64	NAD	MCALESTER	N	100	X	66.35	SD	2.607	HT
D01	65	NAD	MCALESTER	N	138	X	43.43	SD	3.320	LT
D01	65	NAD	MCALESTER	N	138	X	57.10	SD	3.863	HT
D02	65	NAD	MCALESTER	N	83	X	42.30	SD	4.361	LT
D02	65	NAD	MCALESTER	N	83	X	54.18	SD	5.071	HT
D03	65	NAD	MCALESTER	N	131	X	41.18	SD	3.176	LT
D03	65	NAD	MCALESTER	N	131	X	52.97	SD	3.580	HT
D04	65	NAD	MCALESTER	N	139	X	42.16	SD	3.027	LT
D04	65	NAD	MCALESTER	N	139	X	60.09	SD	5.864	HT
D05	65	NAD	MCALESTER	N	102	X	53.95	SD	5.732	LT
D05	65	NAD	MCALESTER	N	102	X	66.82	SD	2.913	HT
D06	65	NAD	MCALESTER	N	15	X	59.33	SD	2.582	LT
D06	65	NAD	MCALESTER	N	15	X	73.93	SD	3.693	HT
D07	65	NAD	MCALESTER	N	91	X	68.44	SD	9.065	LT
D07	65	NAD	MCALESTER	N	91	X	79.59	SD	4.563	HT
D08	65	NAD	MCALESTER	N	72	X	75.58	SD	2.741	LT
D08	65	NAD	MCALESTER	N	72	X	79.90	SD	3.505	HT
D09	65	NAD	MCALESTER	N	28	X	70.68	SD	6.577	LT
D09	65	NAD	MCALESTER	N	28	X	82.11	SD	3.947	HT
D10	65	NAD	MCALESTER	N	62	X	65.11	SD	3.572	LT
D10	65	NAD	MCALESTER	N	62	X	80.19	SD	3.552	HT
D11	65	NAD	MCALESTER	N	77	X	60.56	SD	2.573	LT
D11	65	NAD	MCALESTER	N	77	X	76.92	SD	3.335	HT
D12	65	NAD	MCALESTER	N	34	X	57.29	SD	6.240	LT
D12	65	NAD	MCALESTER	N	34	X	71.53	SD	4.931	HT

TABLE 23. (Continued)

D01	66	NAD	MCALESTER	N	104	X	46.85	SD	4.283	LT
D01	66	NAD	MCALESTER	N	104	X	67.81	SD	4.122	HT
D02	66	NAD	MCALESTER	N	57	X	37.51	SD	7.307	LT
D02	66	NAD	MCALESTER	N	57	X	60.88	SD	5.455	HT
D03	66	NAD	MCALESTER	N	60	X	44.00	SD	4.211	LT
D03	66	NAD	MCALESTER	N	60	X	61.90	SD	6.221	HT
D04	66	NAD	MCALESTER	N	73	X	43.67	SD	5.401	LT
D04	66	NAD	MCALESTER	N	73	X	62.78	SD	6.099	HT
D05	66	NAD	MCALESTER	N	54	X	51.37	SD	10.349	LT
D05	66	NAD	MCALESTER	N	54	X	67.85	SD	5.479	HT
D06	66	NAD	MCALESTER	N	145	X	56.09	SD	8.394	LT
D06	66	NAD	MCALESTER	N	145	X	73.10	SD	3.429	HT
D07	66	NAD	MCALESTER	N	10	X	64.10	SD	6.027	LT
D07	66	NAD	MCALESTER	N	10	X	79.60	SD	2.757	HT
D08	66	NAD	MCALESTER	N	16	X	70.44	SD	3.162	LT
D08	66	NAD	MCALESTER	N	16	X	77.94	SD	2.516	HT
D09	66	NAD	MCALESTER	N	42	X	68.90	SD	7.730	LT
D09	66	NAD	MCALESTER	N	42	X	78.81	SD	3.062	HT
D10	66	NAD	MCALESTER	N	40	X	58.97	SD	11.215	LT
D10	66	NAD	MCALESTER	N	40	X	80.12	SD	5.585	HT
D11	66	NAD	MCALESTER	N	34	X	53.94	SD	7.328	LT
D11	66	NAD	MCALESTER	N	34	X	75.76	SD	4.580	HT
D12	66	NAD	MCALESTER	N	42	X	51.07	SD	5.697	LT
D12	66	NAD	MCALESTER	N	42	X	70.45	SD	5.571	HT
D01	67	NAD	MCALESTER	N	42	X	42.14	SD	5.206	LT
D01	67	NAD	MCALESTER	N	42	X	64.24	SD	4.230	HT
D02	67	NAD	MCALESTER	N	38	X	44.50	SD	4.410	LT
D02	67	NAD	MCALESTER	N	38	X	63.87	SD	5.576	HT
D03	67	NAD	MCALESTER	N	47	X	41.43	SD	4.169	LT
D03	67	NAD	MCALESTER	N	47	X	60.04	SD	4.974	HT
D04	67	NAD	MCALESTER	N	39	X	46.62	SD	4.569	LT
D04	67	NAD	MCALESTER	N	39	X	65.00	SD	3.947	HT
D05	67	NAD	MCALESTER	N	42	X	48.05	SD	7.348	LT
D05	67	NAD	MCALESTER	N	42	X	69.33	SD	3.733	HT
D06	67	NAD	MCALESTER	N	44	X	55.27	SD	8.295	LT
D06	67	NAD	MCALESTER	N	44	X	73.36	SD	5.405	HT
D07	67	NAD	MCALESTER	N	38	X	69.92	SD	4.851	LT
D07	67	NAD	MCALESTER	N	38	X	78.92	SD	4.790	HT
D08	67	NAD	MCALESTER	N	46	X	73.37	SD	3.248	LT
D08	67	NAD	MCALESTER	N	46	X	82.07	SD	4.192	HT
D09	67	NAD	MCALESTER	N	40	X	70.20	SD	3.291	LT
D09	67	NAD	MCALESTER	N	40	X	80.92	SD	3.308	HT
D10	67	NAD	MCALESTER	N	44	X	64.70	SD	3.054	LT
D10	67	NAD	MCALESTER	N	44	X	78.64	SD	4.362	HT
D11	67	NAD	MCALESTER	N	38	X	57.08	SD	3.686	LT
D11	67	NAD	MCALESTER	N	38	X	74.03	SD	3.080	HT
D12	67	NAD	MCALESTER	N	40	X	49.42	SD	2.890	LT
D12	67	NAD	MCALESTER	N	40	X	70.15	SD	5.489	HT

TABLE 23. (Continued)

D01	68	NAD MCALESTER	N	40	X	40.55	SD	4.483	LT
D01	68	NAD MCALESTER	N	40	X	56.45	SD	6.055	HT
D02	68	NAD MCALESTER	N	36	X	39.36	SD	2.958	LT
D02	68	NAD MCALESTER	N	36	X	53.78	SD	3.252	HT
D03	68	NAD MCALESTER	N	42	X	42.98	SD	3.578	LT
D03	68	NAD MCALESTER	N	42	X	59.60	SD	6.985	HT
D04	68	NAD MCALESTER	N	40	X	39.58	SD	4.169	LT
D04	68	NAD MCALESTER	N	40	X	63.55	SD	5.174	HT
D05	68	NAD MCALESTER	N	46	X	47.61	SD	8.304	LT
D05	68	NAD MCALESTER	N	46	X	69.74	SD	5.802	HT
D06	68	NAD MCALESTER	N	38	X	52.42	SD	9.246	LT
D06	68	NAD MCALESTER	N	38	X	75.13	SD	4.173	HT
D07	68	NAD MCALESTER	N	42	X	57.76	SD	10.617	LT
D07	68	NAD MCALESTER	N	42	X	79.45	SD	4.318	HT
D08	68	NAD MCALESTER	N	44	X	65.77	SD	9.316	LT
D08	68	NAD MCALESTER	N	44	X	82.14	SD	3.843	HT
D09	68	NAD MCALESTER	N	38	X	68.34	SD	5.781	LT
D09	68	NAD MCALESTER	N	38	X	82.89	SD	3.740	HT
D10	68	NAD MCALESTER	N	46	X	63.78	SD	4.816	LT
D10	68	NAD MCALESTER	N	46	X	79.33	SD	5.542	HT
D11	68	NAD MCALESTER	N	42	X	52.55	SD	6.482	LT
D11	68	NAD MCALESTER	N	42	X	76.24	SD	4.541	HT
D12	68	NAD MCALESTER	N	32	X	47.12	SD	5.393	LT
D12	68	NAD MCALESTER	N	32	X	72.75	SD	6.211	HT
D01	69	NAD MCALESTER	N	42	X	39.93	SD	4.729	LT
D01	69	NAD MCALESTER	N	42	X	60.93	SD	6.368	HT
D02	69	NAD MCALESTER	N	38	X	40.68	SD	4.107	LT
D02	69	NAD MCALESTER	N	38	X	57.53	SD	5.525	HT
D03	69	NAD MCALESTER	N	12	X	40.00	SD	4.328	LT
D03	69	NAD MCALESTER	N	12	X	55.42	SD	4.188	HT

TABLE 24. Minimum and Maximum Storage Temperature in Non-Earth Covered Storage Magazines, Monthly Summaries, NAS, Dallas, Texas

D03	65	NAS	DALLAS	TEX	N	248	X	42.26	SD	7.517	LT
D03	65	NAS	DALLAS	TEX	N	248	X	53.81	SD	8.334	HT
D04	65	NAS	DALLAS	TEX	N	239	X	65.09	SD	5.439	LT
D04	65	NAS	DALLAS	TEX	N	239	X	74.18	SD	6.138	HT
D05	65	NAS	DALLAS	TEX	N	245	X	69.84	SD	6.359	LT
D05	65	NAS	DALLAS	TEX	N	245	X	78.01	SD	6.856	HT
D06	65	NAS	DALLAS	TEX	N	240	X	79.24	SD	4.730	LT
D06	65	NAS	DALLAS	TEX	N	240	X	87.14	SD	4.438	HT
D07	65	NAS	DALLAS	TEX	N	248	X	85.32	SD	4.416	LT
D07	65	NAS	DALLAS	TEX	N	248	X	94.96	SD	3.882	HT
D08	65	NAS	DALLAS	TEX	N	248	X	82.55	SD	4.191	LT
D08	65	NAS	DALLAS	TEX	N	248	X	92.33	SD	4.855	HT
D09	65	NAS	DALLAS	TEX	N	240	X	78.05	SD	7.635	LT
D09	65	NAS	DALLAS	TEX	N	240	X	87.74	SD	8.002	HT
D10	65	NAS	DALLAS	TEX	N	240	X	62.60	SD	6.867	LT
D10	65	NAS	DALLAS	TEX	N	240	X	72.85	SD	6.635	HT
D11	65	NAS	DALLAS	TEX	N	240	X	58.84	SD	5.426	LT
D11	65	NAS	DALLAS	TEX	N	240	X	67.62	SD	5.555	HT
D12	65	NAS	DALLAS	TEX	N	239	X	49.70	SD	7.627	LT
D12	65	NAS	DALLAS	TEX	N	239	X	58.82	SD	7.265	HT
D01	66	NAS	DALLAS	TEX	N	248	X	40.06	SD	11.201	LT
D01	66	NAS	DALLAS	TEX	N	248	X	50.10	SD	11.349	HT
D02	66	NAS	DALLAS	TEX	N	232	X	42.22	SD	8.509	LT
D02	66	NAS	DALLAS	TEX	N	232	X	52.90	SD	8.954	HT
D03	66	NAS	DALLAS	TEX	N	248	X	53.99	SD	8.328	LT
D03	66	NAS	DALLAS	TEX	N	248	X	64.44	SD	8.624	HT
D04	66	NAS	DALLAS	TEX	N	240	X	61.98	SD	7.052	LT
D04	66	NAS	DALLAS	TEX	N	240	X	72.53	SD	6.234	HT
D05	66	NAS	DALLAS	TEX	N	248	X	71.24	SD	8.359	LT
D05	66	NAS	DALLAS	TEX	N	248	X	80.52	SD	8.701	HT
D06	66	NAS	DALLAS	TEX	N	240	X	80.27	SD	5.923	LT
D06	66	NAS	DALLAS	TEX	N	240	X	88.80	SD	6.440	HT
D07	66	NAS	DALLAS	TEX	N	247	X	85.89	SD	4.421	LT
D07	66	NAS	DALLAS	TEX	N	247	X	95.10	SD	5.048	HT
D08	66	NAS	DALLAS	TEX	N	247	X	81.49	SD	5.841	LT
D08	66	NAS	DALLAS	TEX	N	247	X	90.37	SD	6.914	HT
D09	66	NAS	DALLAS	TEX	N	240	X	74.60	SD	5.761	LT
D09	66	NAS	DALLAS	TEX	N	240	X	83.72	SD	5.722	HT
D10	66	NAS	DALLAS	TEX	N	248	X	62.68	SD	6.888	LT
D10	66	NAS	DALLAS	TEX	N	248	X	74.05	SD	6.692	HT
D11	66	NAS	DALLAS	TEX	N	240	X	57.74	SD	7.678	LT
D11	66	NAS	DALLAS	TEX	N	240	X	67.88	SD	6.691	HT
D12	66	NAS	DALLAS	TEX	N	248	X	43.17	SD	9.215	LT
D12	66	NAS	DALLAS	TEX	N	248	X	53.39	SD	9.437	HT

TABLE 24. (Continued)

D01	67	NAS	DALLAS	TEX	N	248	X	43.09	SD	9.692	LT
D01	67	NAS	DALLAS	TEX	N	248	X	53.60	SD	9.553	HT
D02	67	NAS	DALLAS	TEX	N	224	X	43.04	SD	6.774	LT
D02	67	NAS	DALLAS	TEX	N	224	X	55.51	SD	7.512	HT
D03	67	NAS	DALLAS	TEX	N	246	X	57.43	SD	9.953	LT
D03	67	NAS	DALLAS	TEX	N	246	X	69.94	SD	9.204	HT
D04	67	NAS	DALLAS	TEX	N	240	X	68.21	SD	5.292	LT
D04	67	NAS	DALLAS	TEX	N	240	X	77.63	SD	5.337	HT
D05	67	NAS	DALLAS	TEX	N	248	X	69.87	SD	7.265	LT
D05	67	NAS	DALLAS	TEX	N	248	X	78.57	SD	6.904	HT
D06	67	NAS	DALLAS	TEX	N	240	X	80.66	SD	6.036	LT
D06	67	NAS	DALLAS	TEX	N	240	X	89.10	SD	6.194	HT
D07	67	NAS	DALLAS	TEX	N	246	X	82.14	SD	5.310	LT
D07	67	NAS	DALLAS	TEX	N	246	X	90.94	SD	6.286	HT
D08	67	NAS	DALLAS	TEX	N	248	X	83.23	SD	5.423	LT
D08	67	NAS	DALLAS	TEX	N	248	X	92.87	SD	5.455	HT
D09	67	NAS	DALLAS	TEX	N	240	X	73.32	SD	5.694	LT
D09	67	NAS	DALLAS	TEX	N	240	X	81.09	SD	5.754	HT
D10	67	NAS	DALLAS	TEX	N	248	X	64.90	SD	7.517	LT
D10	67	NAS	DALLAS	TEX	N	248	X	74.60	SD	6.583	HT
D11	67	NAS	DALLAS	TEX	N	240	X	53.10	SD	5.700	LT
D11	67	NAS	DALLAS	TEX	N	240	X	61.48	SD	6.852	HT
D12	67	NAS	DALLAS	TEX	N	248	X	44.03	SD	6.843	LT
D12	67	NAS	DALLAS	TEX	N	248	X	52.36	SD	7.536	HT
D01	68	NAS	DALLAS	TEX	N	248	X	40.39	SD	10.137	LT
D01	68	NAS	DALLAS	TEX	N	248	X	47.50	SD	9.930	HT
D02	68	NAS	DALLAS	TEX	N	232	X	41.47	SD	7.306	LT
D02	68	NAS	DALLAS	TEX	N	232	X	51.07	SD	7.424	HT
D03	68	NAS	DALLAS	TEX	N	248	X	49.07	SD	9.493	LT
D03	68	NAS	DALLAS	TEX	N	248	X	58.93	SD	8.924	HT
D04	68	NAS	DALLAS	TEX	N	240	X	62.26	SD	6.113	LT
D04	68	NAS	DALLAS	TEX	N	240	X	71.29	SD	5.768	HT
D05	68	NAS	DALLAS	TEX	N	248	X	69.34	SD	5.776	LT
D05	68	NAS	DALLAS	TEX	N	248	X	78.00	SD	5.717	HT
D06	68	NAS	DALLAS	TEX	N	240	X	78.63	SD	5.078	LT
D06	68	NAS	DALLAS	TEX	N	240	X	86.56	SD	5.349	HT
D07	68	NAS	DALLAS	TEX	N	240	X	80.61	SD	4.970	LT
D07	68	NAS	DALLAS	TEX	N	240	X	89.17	SD	4.971	HT
D08	68	NAS	DALLAS	TEX	N	248	X	83.93	SD	4.671	LT
D08	68	NAS	DALLAS	TEX	N	248	X	92.85	SD	4.731	HT
D09	68	NAS	DALLAS	TEX	N	240	X	73.43	SD	5.411	LT
D09	68	NAS	DALLAS	TEX	N	240	X	83.82	SD	5.680	HT
D10	68	NAS	DALLAS	TEX	N	240	X	64.84	SD	7.506	LT
D10	68	NAS	DALLAS	TEX	N	240	X	75.57	SD	6.124	HT
D11	68	NAS	DALLAS	TEX	N	239	X	51.85	SD	8.241	LT
D11	68	NAS	DALLAS	TEX	N	239	X	61.39	SD	8.278	HT
D12	68	NAS	DALLAS	TEX	N	248	X	44.12	SD	6.180	LT
D12	68	NAS	DALLAS	TEX	N	248	X	54.01	SD	6.299	HT

TABLE 25. Minimum and Maximum Storage Temperature in Earth-Covered Storage Magazines, Monthly Summaries, NAS, Corpus Christi, Texas

D01	66	NAS	CORPUS	CHR	N	261	X	55.39	SD	5.103	LT
D01	66	NAS	CORPUS	CHR	N	261	X	60.81	SD	5.724	HT
D02	66	NAS	CORPUS	CHR	N	218	X	53.98	SD	1.920	LT
D02	66	NAS	CORPUS	CHR	N	218	X	58.87	SD	2.548	HT
D03	66	NAS	CORPUS	CHR	N	258	X	59.22	SD	3.737	LT
D03	66	NAS	CORPUS	CHR	N	258	X	63.86	SD	3.241	HT
D04	66	NAS	CORPUS	CHR	N	251	X	66.08	SD	5.193	LT
D04	66	NAS	CORPUS	CHR	N	251	X	71.78	SD	4.560	HT
D05	66	NAS	CORPUS	CHR	N	244	X	73.48	SD	5.539	LT
D05	66	NAS	CORPUS	CHR	N	244	X	78.42	SD	4.762	HT
D06	66	NAS	CORPUS	CHR	N	159	X	80.48	SD	2.577	LT
D06	66	NAS	CORPUS	CHR	N	159	X	83.57	SD	3.478	HT
D07	67	NAS	CORPUS	CHR	N	180	X	87.28	SD	1.129	LT
D07	67	NAS	CORPUS	CHR	N	180	X	90.78	SD	1.270	HT
D08	67	NAS	CORPUS	CHR	N	177	X	86.39	SD	1.825	LT
D08	67	NAS	CORPUS	CHR	N	177	X	89.67	SD	2.271	HT
D09	67	NAS	CORPUS	CHR	N	105	X	83.70	SD	2.696	LT
D09	67	NAS	CORPUS	CHR	N	105.	X	86.01	SD	2.589	HT
D10	67	NAS	CORPUS	CHR	N	153	X	77.38	SD	2.626	LT
D10	67	NAS	CORPUS	CHR	N	153	X	81.89	SD	2.190	HT
D11	67	NAS	CORPUS	CHR	N	118	X	67.50	SD	4.823	LT
D11	67	NAS	CORPUS	CHR	N	118	X	72.53	SD	4.706	HT
D12	67	NAS	CORPUS	CHR	N	133	X	58.17	SD	6.667	LT
D12	67	NAS	CORPUS	CHR	N	133	X	64.26	SD	6.704	HT
D01	68	NAS	CORPUS	CHR	N	153	X	54.86	SD	4.784	LT
D01	68	NAS	CORPUS	CHR	N	153	X	58.98	SD	4.718	HT
D02	68	NAS	CORPUS	CHR	N	132	X	56.45	SD	4.800	LT
D02	68	NAS	CORPUS	CHR	N	132	X	61.42	SD	4.217	HT
D03	68	NAS	CORPUS	CHR	N	147	X	57.66	SD	5.672	LT
D03	68	NAS	CORPUS	CHR	N	147	X	61.93	SD	5.328	HT
D04	68	NAS	CORPUS	CHR	N	140	X	67.28	SD	5.730	LT
D04	68	NAS	CORPUS	CHR	N	140	X	71.33	SD	4.832	HT
D05	68	NAS	CORPUS	CHR	N	142	X	75.12	SD	3.967	LT
D05	68	NAS	CORPUS	CHR	N	142	X	79.30	SD	4.361	HT
D06	68	NAS	CORPUS	CHR	N	111	X	78.63	SD	3.737	LT
D06	68	NAS	CORPUS	CHR	N	111	X	83.18	SD	3.666	HT
D07	68	NAS	CORPUS	CHR	N	133	X	81.94	SD	2.917	LT
D07	68	NAS	CORPUS	CHR	N	133	X	86.08	SD	3.562	HT
D08	68	NAS	CORPUS	CHR	N	120	X	83.87	SD	2.553	LT
D08	68	NAS	CORPUS	CHR	N	120	X	88.13	SD	2.984	HT
D09	68	NAS	CORPUS	CHR	N	119	X	82.03	SD	2.548	LT
D09	68	NAS	CORPUS	CHR	N	119	X	85.80	SD	2.776	HT
D10	68	NAS	CORPUS	CHR	N	115	X	79.83	SD	3.185	LT
D10	68	NAS	CORPUS	CHR	N	115	X	84.30	SD	3.403	HT
D11	68	NAS	CORPUS	CHR	N	140	X	70.42	SD	5.998	LT
D11	68	NAS	CORPUS	CHR	N	140	X	79.65	SD	4.954	HT
D12	68	NAS	CORPUS	CHR	N	129	X	61.70	SD	3.669	LT
D12	68	NAS	CORPUS	CHR	N	129	X	66.88	SD	3.691	HT

TABLE 26. Minimum and Maximum Storage Temperature in Non-Earth-Covered Storage Magazines, Monthly Summaries, NAS, Corpus Christi, Texas

D01	66	NAS	CORPUS	CHR	N	90	X	54.70	SD	5.038	LT
D01	66	NAS	CORPUS	CHR	N	90	X	60.46	SD	6.013	HT
D02	66	NAS	CORPUS	CHR	N	75	X	53.13	SD	2.009	LT
D02	66	NAS	CORPUS	CHR	N	75	X	58.53	SD	3.181	HT
D03	66	NAS	CORPUS	CHR	N	84	X	58.40	SD	3.828	LT
D03	66	NAS	CORPUS	CHR	N	84	X	64.07	SD	3.767	HT
D04	66	NAS	CORPUS	CHR	N	85	X	65.85	SD	4.526	LT
D04	66	NAS	CORPUS	CHR	N	85	X	72.51	SD	3.887	HT
D05	66	NAS	CORPUS	CHR	N	65	X	73.54	SD	6.457	LT
D05	66	NAS	CORPUS	CHR	N	65	X	79.08	SD	5.257	HT
D06	66	NAS	CORPUS	CHR	N	59	X	80.58	SD	2.119	LT
D06	66	NAS	CORPUS	CHR	N	59	X	85.31	SD	2.978	HT
D07	67	NAS	CORPUS	CHR	N	112	X	87.04	SD	1.022	LT
D07	67	NAS	CORPUS	CHR	N	112	X	90.84	SD	1.143	HT
D08	67	NAS	CORPUS	CHR	N	92	X	86.28	SD	2.196	LT
D08	67	NAS	CORPUS	CHR	N	92	X	89.93	SD	1.833	HT
D09	67	NAS	CORPUS	CHR	N	64	X	83.25	SD	2.900	LT
D09	67	NAS	CORPUS	CHR	N	64	X	85.41	SD	2.921	HT
D10	67	NAS	CORPUS	CHR	N	87	X	77.84	SD	2.425	LT
D10	67	NAS	CORPUS	CHR	N	87	X	82.22	SD	2.082	HT
D11	67	NAS	CORPUS	CHR	N	71	X	65.37	SD	6.177	LT
D11	67	NAS	CORPUS	CHR	N	71	X	71.94	SD	6.676	HT
D12	67	NAS	CORPUS	CHR	N	76	X	54.12	SD	6.749	LT
D12	67	NAS	CORPUS	CHR	N	76	X	61.88	SD	8.196	HT
D01	68	NAS	CORPUS	CHR	N	88	X	48.48	SD	8.518	LT
D01	68	NAS	CORPUS	CHR	N	88	X	54.26	SD	7.917	HT
D02	68	NAS	CORPUS	CHR	N	76	X	52.54	SD	7.795	LT
D02	68	NAS	CORPUS	CHR	N	76	X	58.37	SD	7.310	HT
D03	68	NAS	CORPUS	CHR	N	80	X	54.45	SD	7.021	LT
D03	68	NAS	CORPUS	CHR	N	80	X	59.74	SD	7.846	HT
D04	68	NAS	CORPUS	CHR	N	79	X	66.30	SD	6.018	LT
D04	68	NAS	CORPUS	CHR	N	79	X	70.89	SD	5.756	HT
D05	68	NAS	CORPUS	CHR	N	80	X	74.91	SD	4.521	LT
D05	68	NAS	CORPUS	CHR	N	80	X	79.66	SD	4.988	HT
D06	68	NAS	CORPUS	CHR	N	64	X	77.86	SD	4.750	LT
D06	68	NAS	CORPUS	CHR	N	64	X	83.59	SD	4.542	HT
D07	68	NAS	CORPUS	CHR	N	76	X	82.37	SD	3.290	LT
D07	68	NAS	CORPUS	CHR	N	76	X	87.04	SD	3.473	HT
D08	68	NAS	CORPUS	CHR	N	71	X	83.66	SD	2.878	LT
D08	68	NAS	CORPUS	CHR	N	71	X	88.31	SD	2.969	HT
D09	68	NAS	CORPUS	CHR	N	67	X	80.04	SD	2.831	LT
D09	68	NAS	CORPUS	CHR	N	67	X	85.40	SD	2.877	HT
D10	68	NAS	CORPUS	CHR	N	72	X	77.94	SD	3.627	LT
D10	68	NAS	CORPUS	CHR	N	72	X	83.51	SD	3.666	HT
D11	68	NAS	CORPUS	CHR	N	80	X	66.99	SD	7.438	LT
D11	68	NAS	CORPUS	CHR	N	80	X	78.36	SD	5.706	HT
D12	68	NAS	CORPUS	CHR	N	84	X	60.05	SD	6.833	LT
D12	68	NAS	CORPUS	CHR	N	84	X	65.63	SD	6.591	HT

TABLE 27. Minimum and Maximum Storage Temperature in Earth-Covered Storage Magazines, Monthly Summaries, NWS, Concord, California

D06	57	NWS CONCORD	N	7	X	66.71	SD	1.890	LT
D06	57	NWS CONCORD	N	7	X	75.29	SD	4.152	HT
D07	57	NWS CONCORD	N	26	X	69.88	SD	3.502	LT
D07	57	NWS CONCORD	N	26	X	77.31	SD	3.043	HT
D08	57	NWS CONCORD	N	39	X	69.77	SD	4.036	LT
D08	57	NWS CONCORD	N	39	X	76.21	SD	2.876	HT
D09	57	NWS CONCORD	N	34	X	68.50	SD	3.048	LT
D09	57	NWS CONCORD	N	34	X	74.56	SD	2.776	HT
D10	57	NWS CONCORD	N	24	X	65.83	SD	3.595	LT
D10	57	NWS CONCORD	N	24	X	70.58	SD	2.669	HT
D11	57	NWS CONCORD	N	14	X	58.00	SD	3.595	LT
D11	57	NWS CONCORD	N	14	X	66.93	SD	3.496	HT
D12	57	NWS CONCORD	N	19	X	50.21	SD	3.630	LT
D12	57	NWS CONCORD	N	19	X	60.47	SD	3.991	HT
D01	58	NWS CONCORD	N	26	X	48.27	SD	2.794	LT
D01	58	NWS CONCORD	N	26	X	56.62	SD	4.792	HT
D02	58	NWS CONCORD	N	26	X	48.35	SD	2.712	LT
D02	58	NWS CONCORD	N	26	X	55.50	SD	1.393	HT
D03	58	NWS CONCORD	N	31	X	51.10	SD	2.599	LT
D03	58	NWS CONCORD	N	31	X	56.65	SD	1.496	HT
D04	58	NWS CONCORD	N	29	X	52.00	SD	1.753	LT
D04	58	NWS CONCORD	N	29	X	59.10	SD	3.277	HT
D05	58	NWS CONCORD	N	34	X	55.53	SD	3.212	LT
D05	58	NWS CONCORD	N	34	X	65.06	SD	2.461	HT
D06	58	NWS CONCORD	N	34	X	60.09	SD	4.795	LT
D06	58	NWS CONCORD	N	34	X	71.00	SD	2.523	HT
D07	58	NWS CONCORD	N	28	X	65.82	SD	3.916	LT
D07	58	NWS CONCORD	N	28	X	73.18	SD	2.294	HT
D08	58	NWS CONCORD	N	37	X	68.27	SD	3.509	LT
D08	58	NWS CONCORD	N	37	X	76.19	SD	3.256	HT
D09	58	NWS CONCORD	N	36	X	70.25	SD	3.290	LT
D09	58	NWS CONCORD	N	36	X	76.61	SD	3.375	HT
D10	58	NWS CONCORD	N	40	X	67.80	SD	3.674	LT
D10	58	NWS CONCORD	N	40	X	75.82	SD	3.062	HT
D11	58	NWS CONCORD	N	39	X	59.21	SD	5.722	LT
D11	58	NWS CONCORD	N	39	X	70.62	SD	5.618	HT
D12	58	NWS CONCORD	N	43	X	55.77	SD	3.184	LT
D12	58	NWS CONCORD	N	43	X	62.19	SD	4.682	HT

TABLE 27. (Continued)

D01	59	NWS CONCORD	N	40	X	51.57	SD	4.338	LT
D01	59	NWS CONCORD	N	40	X	59.22	SD	3.526	HT
D02	59	NWS CONCORD	N	38	X	51.47	SD	3.585	LT
D02	59	NWS CONCORD	N	38	X	56.34	SD	2.004	HT
D03	59	NWS CONCORD	N	40	X	51.25	SD	3.264	LT
D03	59	NWS CONCORD	N	40	X	59.05	SD	3.021	HT
D04	59	NWS CONCORD	N	37	X	55.35	SD	3.545	LT
D04	59	NWS CONCORD	N	37	X	64.05	SD	2.624	HT
D05	59	NWS CONCORD	N	43	X	58.26	SD	3.553	LT
D05	59	NWS CONCORD	N	43	X	68.02	SD	2.883	HT
D06	59	NWS CONCORD	N	41	X	60.59	SD	3.950	LT
D06	59	NWS CONCORD	N	41	X	72.54	SD	3.529	HT
D07	59	NWS CONCORD	N	37	X	67.68	SD	5.318	LT
D07	59	NWS CONCORD	N	37	X	79.03	SD	3.005	HT
D08	59	NWS CONCORD	N	37	X	69.27	SD	4.823	LT
D08	59	NWS CONCORD	N	37	X	80.05	SD	3.100	HT
D09	59	NWS CONCORD	N	31	X	70.58	SD	2.643	LT
D09	59	NWS CONCORD	N	31	X	77.71	SD	3.779	HT
D10	59	NWS CONCORD	N	48	X	65.25	SD	3.498	LT
D10	59	NWS CONCORD	N	48	X	75.04	SD	3.930	HT
D11	59	NWS CONCORD	N	46	X	59.09	SD	4.049	LT
D11	59	NWS CONCORD	N	46	X	72.04	SD	4.422	HT
D12	59	NWS CONCORD	N	49	X	54.06	SD	3.648	LT
D12	59	NWS CONCORD	N	49	X	62.78	SD	4.209	HT
D01	60	NWS CONCORD	N	47	X	47.64	SD	2.907	LT
D01	60	NWS CONCORD	N	47	X	55.87	SD	3.597	HT
D02	60	NWS CONCORD	N	54	X	48.57	SD	3.357	LT
D02	60	NWS CONCORD	N	54	X	56.28	SD	2.602	HT
D03	60	NWS CONCORD	N	55	X	51.18	SD	2.736	LT
D03	60	NWS CONCORD	N	55	X	57.95	SD	4.720	HT
D04	60	NWS CONCORD	N	53	X	54.42	SD	3.153	LT
D04	60	NWS CONCORD	N	53	X	63.25	SD	2.766	HT
D05	60	NWS CONCORD	N	57	X	57.84	SD	4.259	LT
D05	60	NWS CONCORD	N	57	X	65.75	SD	3.186	HT
D06	60	NWS CONCORD	N	57	X	61.47	SD	3.996	LT
D06	60	NWS CONCORD	N	57	X	74.75	SD	3.552	HT
D07	60	NWS CONCORD	N	55	X	67.62	SD	3.979	LT
D07	60	NWS CONCORD	N	55	X	76.85	SD	2.921	HT
D08	60	NWS CONCORD	N	57	X	69.40	SD	4.464	LT
D08	60	NWS CONCORD	N	57	X	78.11	SD	3.926	HT
D09	60	NWS CONCORD	N	51	X	68.57	SD	4.244	LT
D09	60	NWS CONCORD	N	51	X	76.69	SD	2.665	HT
D10	60	NWS CONCORD	N	57	X	64.39	SD	4.292	LT
D10	60	NWS CONCORD	N	57	X	73.49	SD	4.005	HT
D11	60	NWS CONCORD	N	57	X	58.65	SD	4.984	LT
D11	60	NWS CONCORD	N	57	X	67.26	SD	4.086	HT
D12	60	NWS CONCORD	N	53	X	51.13	SD	4.053	LT
D12	60	NWS CONCORD	N	53	X	60.60	SD	3.516	HT

TABLE 27. (Continued)

D01	61	NWS CONCORD	N	55	X	45.07	SD	4.638	LT
D01	61	NWS CONCORD	N	55	X	54.33	SD	3.061	HT
D02	61	NWS CONCORD	N	53	X	46.19	SD	4.394	LT
D02	61	NWS CONCORD	N	53	X	54.98	SD	2.257	HT
D03	61	NWS CONCORD	N	59	X	51.08	SD	3.847	LT
D03	61	NWS CONCORD	N	59	X	56.81	SD	2.374	HT
D04	61	NWS CONCORD	N	54	X	53.37	SD	2.680	LT
D04	61	NWS CONCORD	N	54	X	62.35	SD	3.004	HT
D05	61	NWS CONCORD	N	54	X	57.13	SD	3.508	LT
D05	61	NWS CONCORD	N	54	X	64.22	SD	2.538	HT
D06	61	NWS CONCORD	N	51	X	60.49	SD	3.431	LT
D06	61	NWS CONCORD	N	51	X	69.82	SD	4.484	HT
D07	61	NWS CONCORD	N	44	X	66.30	SD	4.603	LT
D07	61	NWS CONCORD	N	44	X	78.25	SD	3.629	HT
D08	61	NWS CONCORD	N	32	X	72.12	SD	2.044	LT
D08	61	NWS CONCORD	N	32	X	80.28	SD	4.252	HT
D09	61	NWS CONCORD	N	61	X	67.69	SD	4.526	LT
D09	61	NWS CONCORD	N	61	X	78.23	SD	4.485	HT
D10	61	NWS CONCORD	N	75	X	64.56	SD	5.121	LT
D10	61	NWS CONCORD	N	75	X	74.23	SD	4.422	HT
D11	61	NWS CONCORD	N	78	X	57.13	SD	4.700	LT
D11	61	NWS CONCORD	N	78	X	69.91	SD	4.346	HT
D12	61	NWS CONCORD	N	73	X	50.96	SD	4.373	LT
D12	61	NWS CONCORD	N	73	X	60.56	SD	3.880	HT
D01	62	NWS CONCORD	N	78	X	45.83	SD	3.985	LT
D01	62	NWS CONCORD	N	78	X	55.94	SD	3.808	HT
D02	62	NWS CONCORD	N	78	X	43.37	SD	3.498	LT
D02	62	NWS CONCORD	N	78	X	53.15	SD	2.239	HT
D03	62	NWS CONCORD	N	79	X	46.49	SD	3.707	LT
D03	62	NWS CONCORD	N	79	X	54.05	SD	3.162	HT
D04	62	NWS CONCORD	N	77	X	50.52	SD	2.945	LT
D04	62	NWS CONCORD	N	77	X	62.18	SD	3.906	HT
D05	62	NWS CONCORD	N	79	X	56.66	SD	3.974	LT
D05	62	NWS CONCORD	N	79	X	66.65	SD	2.842	HT
D06	52	NWS CONCORD	N	81	X	60.06	SD	3.929	LT
D06	52	NWS CONCORD	N	81	X	70.89	SD	2.859	HT
D07	52	NWS CONCORD	N	79	X	65.18	SD	3.849	LT
D07	62	NWS CONCORD	N	79	X	74.24	SD	2.742	HT
D08	62	NWS CONCORD	N	80	X	66.92	SD	3.999	LT
D08	62	NWS CONCORD	N	80	X	75.11	SD	2.977	HT
D09	62	NWS CONCORD	N	79	X	68.23	SD	4.326	LT
D09	62	NWS CONCORD	N	79	X	70.71	SD	4.345	HT
D10	62	NWS CONCORD	N	81	X	64.56	SD	3.684	LT
D10	62	NWS CONCORD	N	81	X	72.09	SD	3.536	HT
D11	62	NWS CONCORD	N	79	X	58.84	SD	3.268	LT
D11	62	NWS CONCORD	N	79	X	68.23	SD	3.072	HT
D12	62	NWS CONCORD	N	78	X	53.38	SD	3.284	LT
D12	62	NWS CONCORD	N	78	X	61.95	SD	4.128	HT

TABLE 27. (Continued)

D01	63	NWS	CONCORD	N	85	X	46.15	SD	3.445	LT
D01	63	NWS	CONCORD	N	85	X	56.44	SD	3.466	HT
D02	63	NWS	CONCORD	N	78	X	46.49	SD	4.523	LT
D02	63	NWS	CONCORD	N	78	X	55.71	SD	2.972	HT
D03	63	NWS	CONCORD	N	80	X	50.56	SD	4.342	LT
D03	63	NWS	CONCORD	N	80	X	57.47	SD	3.019	HT
D04	63	NWS	CONCORD	N	82	X	51.46	SD	3.957	LT
D04	63	NWS	CONCORD	N	82	X	58.13	SD	2.976	HT
D05	63	NWS	CONCORD	N	77	X	53.14	SD	2.850	LT
D05	63	NWS	CONCORD	N	77	X	62.86	SD	2.107	HT
D06	63	NWS	CONCORD	N	78	X	59.04	SD	4.296	LT
D06	63	NWS	CONCORD	N	78	X	69.71	SD	3.096	HT
D07	63	NWS	CONCORD	N	77	X	64.21	SD	4.021	LT
D07	63	NWS	CONCORD	N	77	X	74.08	SD	3.211	HT
D08	63	NWS	CONCORD	N	77	X	65.88	SD	5.692	LT
D08	63	NWS	CONCORD	N	77	X	75.58	SD	3.704	HT
D09	63	NWS	CONCORD	N	82	X	67.84	SD	4.051	LT
D09	63	NWS	CONCORD	N	82	X	76.98	SD	3.655	HT
D10	63	NWS	CONCORD	N	80	X	66.50	SD	4.038	LT
D10	63	NWS	CONCORD	N	80	X	74.70	SD	3.545	HT
D11	63	NWS	CONCORD	N	78	X	59.68	SD	4.815	LT
D11	63	NWS	CONCORD	N	78	X	70.99	SD	4.585	HT
D12	63	NWS	CONCORD	N	90	X	48.97	SD	4.446	LT
D12	63	NWS	CONCORD	N	90	X	62.74	SD	5.666	HT
D01	64	NWS	CONCORD	N	81	X	47.26	SD	3.601	LT
D01	64	NWS	CONCORD	N	81	X	54.67	SD	5.755	HT
D02	64	NWS	CONCORD	N	78	X	47.09	SD	2.879	LT
D02	64	NWS	CONCORD	N	78	X	54.31	SD	3.359	HT
D03	64	NWS	CONCORD	N	110	X	50.00	SD	3.200	LT
D03	64	NWS	CONCORD	N	110	X	58.31	SD	4.719	HT
D04	64	NWS	CONCORD	N	120	X	51.91	SD	3.479	LT
D04	64	NWS	CONCORD	N	120	X	61.93	SD	3.559	HT
D05	64	NWS	CONCORD	N	129	X	55.40	SD	3.782	LT
D05	64	NWS	CONCORD	N	129	X	66.29	SD	3.585	HT
D06	64	NWS	CONCORD	N	144	X	59.54	SD	4.645	LT
D06	64	NWS	CONCORD	N	144	X	69.83	SD	3.899	HT
D07	64	NWS	CONCORD	N	139	X	63.69	SD	5.380	LT
D07	64	NWS	CONCORD	N	139	X	75.22	SD	3.643	HT
D08	64	NWS	CONCORD	N	135	X	67.97	SD	4.628	LT
D08	64	NWS	CONCORD	N	135	X	77.75	SD	3.654	HT
D09	64	NWS	CONCORD	N	148	X	67.49	SD	4.063	LT
D09	64	NWS	CONCORD	N	148	X	76.99	SD	3.476	HT
D10	64	NWS	CONCORD	N	154	X	66.44	SD	3.453	LT
D10	64	NWS	CONCORD	N	154	X	75.83	SD	3.432	HT
D11	64	NWS	CONCORD	N	151	X	58.43	SD	4.977	LT
D11	64	NWS	CONCORD	N	151	X	69.18	SD	5.605	HT
D12	64	NWS	CONCORD	N	158	X	53.95	SD	3.984	LT
D12	64	NWS	CONCORD	N	158	X	61.73	SD	5.153	HT

TABLE 27. (Continued)

D01	65	NWS	CONCORD	N	162	X	51.01	SD	4.294	LT
D01	65	NWS	CONCORD	N	162	X	58.72	SD	4.096	HT
D02	65	NWS	CONCORD	N	175	X	50.65	SD	4.153	LT
D02	65	NWS	CONCORD	N	175	X	56.78	SD	5.386	HT
D03	65	NWS	CONCORD	N	184	X	51.47	SD	3.749	LT
D03	65	NWS	CONCORD	N	184	X	58.20	SD	4.421	HT
D04	65	NWS	CONCORD	N	164	X	52.76	SD	3.123	LT
D04	65	NWS	CONCORD	N	164	X	59.88	SD	3.563	HT
D05	65	NWS	CONCORD	N	176	X	55.64	SD	4.091	LT
D05	65	NWS	CONCORD	N	176	X	66.32	SD	3.532	HT
D06	65	NWS	CONCORD	N	175	X	61.02	SD	3.737	LT
D06	65	NWS	CONCORD	N	175	X	70.15	SD	3.016	HT
D07	65	NWS	CONCORD	N	179	X	64.89	SD	4.289	LT
D07	65	NWS	CONCORD	N	179	X	74.02	SD	3.171	HT
D08	65	NWS	CONCORD	N	184	X	68.62	SD	4.704	LT
D08	65	NWS	CONCORD	N	184	X	76.68	SD	2.807	HT
D09	65	NWS	CONCORD	N	163	X	68.85	SD	3.664	LT
D09	65	NWS	CONCORD	N	163	X	77.20	SD	2.989	HT
D10	65	NWS	CONCORD	N	192	X	66.01	SD	4.034	LT
D10	65	NWS	CONCORD	N	192	X	74.07	SD	3.748	HT
D11	65	NWS	CONCORD	N	185	X	62.64	SD	3.722	LT
D11	65	NWS	CONCORD	N	185	X	70.58	SD	4.221	HT
D12	65	NWS	CONCORD	N	176	X	52.78	SD	5.226	LT
D12	65	NWS	CONCORD	N	176	X	64.45	SD	4.939	HT
D01	66	NWS	CONCORD	N	168	X	48.75	SD	4.466	LT
D01	66	NWS	CONCORD	N	168	X	57.13	SD	5.541	HT
D02	66	NWS	CONCORD	N	178	X	48.83	SD	3.660	LT
D02	66	NWS	CONCORD	N	178	X	54.71	SD	3.905	HT
D03	66	NWS	CONCORD	N	200	X	49.67	SD	3.463	LT
D03	66	NWS	CONCORD	N	200	X	55.95	SD	3.267	HT
D04	66	NWS	CONCORD	N	199	X	52.94	SD	3.884	LT
D04	66	NWS	CONCORD	N	199	X	63.25	SD	3.544	HT
D05	66	NWS	CONCORD	N	205	X	58.68	SD	3.924	LT
D05	66	NWS	CONCORD	N	205	X	68.35	SD	3.507	HT
D06	66	NWS	CONCORD	N	163	X	62.80	SD	4.015	LT
D06	66	NWS	CONCORD	N	163	X	72.71	SD	4.142	HT
D07	66	NWS	CONCORD	N	197	X	67.28	SD	4.483	LT
D07	66	NWS	CONCORD	N	197	X	77.05	SD	2.778	HT
D08	66	NWS	CONCORD	N	179	X	69.38	SD	4.243	LT
D08	66	NWS	CONCORD	N	179	X	78.11	SD	3.947	HT
D09	66	NWS	CONCORD	N	182	X	69.40	SD	3.848	LT
D09	66	NWS	CONCORD	N	182	X	77.31	SD	3.389	HT
D10	66	NWS	CONCORD	N	191	X	66.80	SD	4.914	LT
D10	66	NWS	CONCORD	N	191	X	75.00	SD	3.817	HT
D11	66	NWS	CONCORD	N	225	X	62.53	SD	4.430	LT
D11	66	NWS	CONCORD	N	225	X	72.38	SD	4.875	HT
D12	66	NWS	CONCORD	N	216	X	55.73	SD	5.765	LT
D12	66	NWS	CONCORD	N	216	X	64.90	SD	6.322	HT

TABLE 27. (Continued)

D01	67	NWS	CONCORD	N	214	X	50.11	SD	5.816	LT
D01	67	NWS	CONCORD	N	214	X	58.57	SD	5.653	HT
D02	67	NWS	CONCORD	N	214	X	49.69	SD	5.585	LT
D02	67	NWS	CONCORD	N	214	X	56.42	SD	4.906	HT
D03	67	NWS	CONCORD	N	223	X	51.10	SD	5.408	LT
D03	67	NWS	CONCORD	N	223	X	56.81	SD	4.739	HT
D04	67	NWS	CONCORD	N	218	X	52.00	SD	4.218	LT
D04	67	NWS	CONCORD	N	218	X	59.03	SD	3.957	HT
D05	67	NWS	CONCORD	N	209	X	53.16	SD	4.176	LT
D05	67	NWS	CONCORD	N	209	X	62.21	SD	5.146	HT
D06	67	NWS	CONCORD	N	219	X	56.81	SD	4.491	LT
D06	67	NWS	CONCORD	N	219	X	68.03	SD	4.352	HT
D07	67	NWS	CONCORD	N	215	X	63.21	SD	5.328	LT
D07	67	NWS	CONCORD	N	215	X	74.12	SD	3.403	HT
D08	67	NWS	CONCORD	N	229	X	67.21	SD	4.998	LT
D08	67	NWS	CONCORD	N	229	X	78.32	SD	4.010	HT
D09	67	NWS	CONCORD	N	204	X	69.53	SD	5.356	LT
D09	67	NWS	CONCORD	N	204	X	78.86	SD	3.623	HT
D10	67	NWS	CONCORD	N	205	X	68.26	SD	3.403	LT
D10	67	NWS	CONCORD	N	205	X	78.19	SD	3.826	HT
D11	67	NWS	CONCORD	N	220	X	62.71	SD	5.453	LT
D11	67	NWS	CONCORD	N	220	X	74.65	SD	5.745	HT
D12	67	NWS	CONCORD	N	216	X	55.32	SD	4.507	LT
D12	67	NWS	CONCORD	N	216	X	68.68	SD	7.247	HT
D01	68	NWS	CONCORD	N	158	X	46.61	SD	4.019	LT
D01	68	NWS	CONCORD	N	158	X	57.82	SD	5.783	HT
D02	68	NWS	CONCORD	N	212	X	48.40	SD	4.376	LT
D02	68	NWS	CONCORD	N	212	X	59.87	SD	9.639	HT
D03	68	NWS	CONCORD	N	237	X	52.71	SD	4.769	LT
D03	68	NWS	CONCORD	N	237	X	60.49	SD	5.020	HT
D04	68	NWS	CONCORD	N	200	X	53.91	SD	3.348	LT
D04	68	NWS	CONCORD	N	200	X	62.82	SD	3.544	HT
D05	68	NWS	CONCORD	N	199	X	57.42	SD	3.525	LT
D05	68	NWS	CONCORD	N	199	X	67.42	SD	3.741	HT
D06	68	NWS	CONCORD	N	206	X	60.09	SD	4.338	LT
D06	68	NWS	CONCORD	N	206	X	72.70	SD	3.674	HT
D07	68	NWS	CONCORD	N	213	X	67.46	SD	4.452	LT
D07	68	NWS	CONCORD	N	213	X	77.51	SD	4.011	HT
D08	68	NWS	CONCORD	N	185	X	68.20	SD	4.538	LT
D08	68	NWS	CONCORD	N	185	X	78.39	SD	3.309	HT
D09	68	NWS	CONCORD	N	207	X	68.76	SD	3.954	LT
D09	68	NWS	CONCORD	N	207	X	78.53	SD	3.474	HT
D10	68	NWS	CONCORD	N	215	X	66.19	SD	3.936	LT
D10	68	NWS	CONCORD	N	215	X	76.64	SD	4.557	HT
D11	68	NWS	CONCORD	N	174	X	60.47	SD	3.631	LT
D11	68	NWS	CONCORD	N	174	X	71.92	SD	5.095	HT
D12	68	NWS	CONCORD	N	207	X	54.22	SD	3.580	LT
D12	68	NWS	CONCORD	N	207	X	66.44	SD	5.932	HT

TABLE 28. Minimum and Maximum Storage Temperature in Earth-Covered Storage Magazines, Monthly Summaries, MCAS, El Toro, California

D01	63	MCAS	EL	TORO	N	9	X	61.33	SD	9.097	LT
D01	63	MCAS	EL	TORO	N	9	X	64.78	SD	9.770	HT
D02	63	MCAS	EL	TORO	N	20	X	59.30	SD	1.949	LT
D02	63	MCAS	EL	TORO	N	20	X	62.55	SD	2.982	HT
D03	63	MCAS	EL	TORO	N	31	X	58.45	SD	2.606	LT
D03	63	MCAS	EL	TORO	N	31	X	63.23	SD	2.777	HT
D04	63	MCAS	EL	TORO	N	75	X	59.28	SD	1.782	LT
D04	63	MCAS	EL	TORO	N	75	X	63.57	SD	1.967	HT
D05	63	MCAS	EL	TORO	N	62	X	63.71	SD	3.241	LT
D05	63	MCAS	EL	TORO	N	62	X	69.16	SD	3.320	HT
D06	63	MCAS	EL	TORO	N	18	X	62.61	SD	7.245	LT
D06	63	MCAS	EL	TORO	N	18	X	73.17	SD	5.102	HT
D07	63	MCAS	EL	TORO	N	32	X	70.28	SD	5.467	LT
D07	63	MCAS	EL	TORO	N	32	X	76.94	SD	2.675	HT
D08	63	MCAS	EL	TORO	N	80	X	73.58	SD	5.160	LT
D08	63	MCAS	EL	TORO	N	80	X	79.96	SD	3.309	HT
D09	63	MCAS	EL	TORO	N	43	X	73.86	SD	3.596	LT
D09	63	MCAS	EL	TORO	N	43	X	80.91	SD	5.537	HT
D10	63	MCAS	EL	TORO	N	31	X	71.90	SD	2.700	LT
D10	63	MCAS	EL	TORO	N	31	X	79.58	SD	4.843	HT
D11	63	MCAS	EL	TORO	N	35	X	62.77	SD	5.786	LT
D11	63	MCAS	EL	TORO	N	35	X	71.31	SD	4.993	HT
D12	63	MCAS	EL	TORO	N	32	X	56.25	SD	6.263	LT
D12	63	MCAS	EL	TORO	N	32	X	64.75	SD	4.964	HT
D01	64	MCAS	EL	TORO	N	46	X	55.52	SD	4.540	LT
D01	64	MCAS	EL	TORO	N	46	X	62.61	SD	3.343	HT
D02	64	MCAS	EL	TORO	N	34	X	53.91	SD	5.107	LT
D02	64	MCAS	EL	TORO	N	34	X	62.29	SD	3.810	HT
D03	64	MCAS	EL	TORO	N	16	X	51.81	SD	7.977	LT
D03	64	MCAS	EL	TORO	N	16	X	64.94	SD	4.878	HT
D04	64	MCAS	EL	TORO	N	25	X	57.60	SD	5.393	LT
D04	64	MCAS	EL	TORO	N	25	X	66.24	SD	4.666	HT
D05	64	MCAS	EL	TORO	N	49	X	61.96	SD	4.695	LT
D05	64	MCAS	EL	TORO	N	49	X	68.47	SD	3.507	HT
D06	64	MCAS	EL	TORO	N	73	X	65.78	SD	3.305	LT
D06	64	MCAS	EL	TORO	N	73	X	71.53	SD	2.286	HT
D07	64	MCAS	EL	TORO	N	92	X	72.85	SD	2.320	LT
D07	64	MCAS	EL	TORO	N	92	X	76.09	SD	2.074	HT
D08	64	MCAS	EL	TORO	N	63	X	75.37	SD	1.371	LT
D08	64	MCAS	EL	TORO	N	63	X	79.49	SD	1.777	HT
D09	64	MCAS	EL	TORO	N	26	X	73.38	SD	1.235	LT
D09	64	MCAS	EL	TORO	N	26	X	76.19	SD	2.079	HT

TABLE 28. (Continued)

D01	65	MCAS	EL	TORO	N	4	X	40.75	SD	2.754	LT
D01	65	MCAS	EL	TORO	N	4	X	72.50	SD	2.380	HT
D02	65	MCAS	EL	TORO	N	4	X	41.75	SD	2.986	LT
D02	65	MCAS	EL	TORO	N	4	X	72.50	SD	3.109	HT
D03	65	MCAS	EL	TORO	N	5	X	40.00	SD	1.225	LT
D03	65	MCAS	EL	TORO	N	5	X	72.40	SD	3.507	HT
D04	65	MCAS	EL	TORO	N	4	X	35.25	SD	2.630	LT
D04	65	MCAS	EL	TORO	N	4	X	78.25	SD	2.986	HT
D05	65	MCAS	EL	TORO	N	45	X	61.67	SD	7.906	LT
D05	65	MCAS	EL	TORO	N	45	X	72.02	SD	4.424	HT
D06	65	MCAS	EL	TORO	N	43	X	65.23	SD	6.195	LT
D06	65	MCAS	EL	TORO	N	43	X	72.88	SD	4.948	HT
D07	65	MCAS	EL	TORO	N	28	X	70.25	SD	2.703	LT
D07	65	MCAS	EL	TORO	N	28	X	74.93	SD	1.923	HT
D08	65	MCAS	EL	TORO	N	40	X	75.65	SD	2.860	LT
D08	65	MCAS	EL	TORO	N	40	X	79.50	SD	2.935	HT
D09	65	MCAS	EL	TORO	N	39	X	72.77	SD	1.739	LT
D09	65	MCAS	EL	TORO	N	39	X	78.15	SD	3.682	HT
D10	65	MCAS	EL	TORO	N	41	X	69.88	SD	1.676	LT
D10	65	MCAS	EL	TORO	N	41	X	75.51	SD	3.147	HT
D11	65	MCAS	EL	TORO	N	39	X	66.05	SD	4.812	LT
D11	65	MCAS	EL	TORO	N	39	X	73.13	SD	6.114	HT
D12	65	MCAS	EL	TORO	N	40	X	58.60	SD	4.924	LT
D12	65	MCAS	EL	TORO	N	40	X	63.08	SD	4.768	HT
D01	66	MCAS	EL	TORO	N	42	X	54.55	SD	4.940	LT
D01	66	MCAS	EL	TORO	N	42	X	62.14	SD	6.300	HT
D02	66	MCAS	EL	TORO	N	42	X	52.33	SD	4.802	LT
D02	66	MCAS	EL	TORO	N	42	X	59.57	SD	4.993	HT
D03	66	MCAS	EL	TORO	N	22	X	59.05	SD	3.632	LT
D03	66	MCAS	EL	TORO	N	22	X	63.68	SD	2.767	HT
D04	66	MCAS	EL	TORO	N	31	X	62.87	SD	5.679	LT
D04	66	MCAS	EL	TORO	N	31	X	68.00	SD	6.303	HT
D05	66	MCAS	EL	TORO	N	65	X	64.91	SD	2.296	LT
D05	66	MCAS	EL	TORO	N	65	X	69.42	SD	3.535	HT
D06	66	MCAS	EL	TORO	N	78	X	70.41	SD	3.336	LT
D06	66	MCAS	EL	TORO	N	78	X	75.13	SD	3.428	HT
D07	66	MCAS	EL	TORO	N	7	X	75.43	SD	1.718	LT
D07	66	MCAS	EL	TORO	N	7	X	79.71	SD	3.402	HT
D08	66	MCAS	EL	TORO	N	68	X	77.57	SD	2.010	LT
D08	66	MCAS	EL	TORO	N	68	X	81.04	SD	1.643	HT
D09	66	MCAS	EL	TORO	N	68	X	75.01	SD	1.889	LT
D09	66	MCAS	EL	TORO	N	68	X	79.72	SD	3.327	HT
D10	66	MCAS	EL	TORO	N	85	X	71.61	SD	3.553	LT
D10	66	MCAS	EL	TORO	N	85	X	76.20	SD	3.826	HT
D11	66	MCAS	EL	TORO	N	70	X	65.60	SD	3.577	LT
D11	66	MCAS	EL	TORO	N	70	X	71.37	SD	5.408	HT
D12	66	MCAS	EL	TORO	N	70	X	59.31	SD	3.224	LT
D12	66	MCAS	EL	TORO	N	70	X	64.53	SD	5.508	HT

TABLE 28. (Continued)

D01	67	MCAS	EL	TORO	N	92	X	55.02	SD	2.409	LT
D01	67	MCAS	EL	TORO	N	92	X	59.61	SD	3.637	HT
D02	67	MCAS	EL	TORO	N	66	X	55.91	SD	2.441	LT
D02	67	MCAS	EL	TORO	N	66	X	61.58	SD	3.671	HT
D03	67	MCAS	EL	TORO	N	84	X	58.25	SD	2.772	LT
D03	67	MCAS	EL	TORO	N	84	X	62.94	SD	3.707	HT
D04	67	MCAS	EL	TORO	N	76	X	57.36	SD	3.153	LT
D04	67	MCAS	EL	TORO	N	76	X	61.84	SD	2.723	HT
D05	67	MCAS	EL	TORO	N	92	X	62.97	SD	4.731	LT
D05	67	MCAS	EL	TORO	N	92	X	69.33	SD	5.263	HT
D06	67	MCAS	EL	TORO	N	84	X	63.75	SD	4.827	LT
D06	67	MCAS	EL	TORO	N	84	X	71.00	SD	5.280	HT
D07	67	MCAS	EL	TORO	N	111	X	71.91	SD	3.657	LT
D07	67	MCAS	EL	TORO	N	111	X	77.20	SD	4.568	HT
D08	67	MCAS	EL	TORO	N	84	X	76.65	SD	3.737	LT
D08	67	MCAS	EL	TORO	N	84	X	82.49	SD	5.496	HT
D09	67	MCAS	EL	TORO	N	80	X	76.87	SD	3.626	LT
D09	67	MCAS	EL	TORO	N	80	X	82.00	SD	2.710	HT
D10	67	MCAS	EL	TORO	N	99	X	72.20	SD	2.785	LT
D10	67	MCAS	EL	TORO	N	99	X	78.02	SD	3.860	HT
D11	67	MCAS	EL	TORO	N	84	X	67.27	SD	3.578	LT
D11	67	MCAS	EL	TORO	N	84	X	73.49	SD	5.609	HT
D12	67	MCAS	EL	TORO	N	93	X	56.72	SD	4.588	LT
D12	67	MCAS	EL	TORO	N	93	X	63.95	SD	5.027	HT
D01	68	MCAS	EL	TORO	N	104	X	54.81	SD	3.447	LT
D01	68	MCAS	EL	TORO	N	104	X	61.42	SD	4.543	HT
D02	68	MCAS	EL	TORO	N	83	X	57.13	SD	3.099	LT
D02	68	MCAS	EL	TORO	N	83	X	63.42	SD	5.772	HT
D03	68	MCAS	EL	TORO	N	83	X	59.83	SD	3.204	LT
D03	68	MCAS	EL	TORO	N	83	X	65.95	SD	3.870	HT
D04	68	MCAS	EL	TORO	N	102	X	62.08	SD	3.587	LT
D04	68	MCAS	EL	TORO	N	102	X	68.50	SD	3.994	HT
D05	68	MCAS	EL	TORO	N	84	X	65.04	SD	2.792	LT
D05	68	MCAS	EL	TORO	N	84	X	70.31	SD	3.921	HT
D06	68	MCAS	EL	TORO	N	83	X	69.75	SD	2.934	LT
D06	68	MCAS	EL	TORO	N	83	X	75.53	SD	4.318	HT
D07	68	MCAS	EL	TORO	N	104	X	73.58	SD	3.636	LT
D07	68	MCAS	EL	TORO	N	104	X	78.41	SD	3.477	HT
D08	68	MCAS	EL	TORO	N	85	X	75.28	SD	3.069	LT
D08	68	MCAS	EL	TORO	N	85	X	80.36	SD	3.265	HT
D09	68	MCAS	EL	TORO	N	90	X	74.56	SD	2.699	LT
D09	68	MCAS	EL	TORO	N	90	X	80.47	SD	3.820	HT
D10	68	MCAS	EL	TORO	N	73	X	70.36	SD	2.182	LT
D10	68	MCAS	EL	TORO	N	73	X	75.11	SD	3.003	HT
D11	68	MCAS	EL	TORO	N	64	X	65.69	SD	3.642	LT
D11	68	MCAS	EL	TORO	N	64	X	70.61	SD	4.760	HT
D12	68	MCAS	EL	TORO	N	95	X	57.93	SD	4.335	LT
D12	68	MCAS	EL	TORO	N	95	X	65.17	SD	6.260	HT

TABLE 29. Minimum and Maximum Storage Temperature in Non-Earth-Covered Storage Magazines, Monthly Summaries, MCAS, El Toro, California

D01	63	MCAS	EL	TORO	N	4	X	50.00	SD	.816	LT
D01	63	MCAS	EL	TORO	N	4	X	71.75	SD	3.594	HT
D03	63	MCAS	EL	TORO	N	11	X	56.64	SD	5.372	LT
D03	63	MCAS	EL	TORO	N	11	X	67.55	SD	5.922	HT
D04	63	MCAS	EL	TORO	N	12	X	61.58	SD	4.870	LT
D04	63	MCAS	EL	TORO	N	12	X	67.08	SD	5.823	HT
D05	63	MCAS	EL	TORO	N	12	X	65.92	SD	3.872	LT
D05	63	MCAS	EL	TORO	N	12	X	74.75	SD	3.194	HT
D06	63	MCAS	EL	TORO	N	5	X	66.00	SD	2.828	LT
D06	63	MCAS	EL	TORO	N	5	X	77.00	SD	3.391	HT
D08	63	MCAS	EL	TORO	N	14	X	73.43	SD	2.409	LT
D08	63	MCAS	EL	TORO	N	14	X	84.79	SD	2.119	HT
D09	63	MCAS	EL	TORO	N	13	X	69.77	SD	3.370	LT
D09	63	MCAS	EL	TORO	N	13	X	85.62	SD	7.795	HT
D10	63	MCAS	EL	TORO	N	5	X	62.80	SD	1.304	LT
D10	63	MCAS	EL	TORO	N	5	X	86.20	SD	10.426	HT
D11	63	MCAS	EL	TORO	N	4	X	58.00	SD	6.481	LT
D11	63	MCAS	EL	TORO	N	4	X	73.00	SD	2.582	HT
D12	63	MCAS	EL	TORO	N	5	X	53.00	SD	2.449	LT
D12	63	MCAS	EL	TORO	N	5	X	68.20	SD	7.629	HT
D01	64	MCAS	EL	TORO	N	16	X	51.69	SD	3.260	LT
D01	64	MCAS	EL	TORO	N	16	X	64.19	SD	5.822	HT
D02	64	MCAS	EL	TORO	N	12	X	51.92	SD	2.746	LT
D02	64	MCAS	EL	TORO	N	12	X	67.25	SD	3.388	HT
D05	64	MCAS	EL	TORO	N	4	X	57.00	SD	3.367	LT
D05	64	MCAS	EL	TORO	N	4	X	65.75	SD	4.349	HT
D06	64	MCAS	EL	TORO	N	5	X	63.80	SD	1.924	LT
D06	64	MCAS	EL	TORO	N	5	X	73.20	SD	3.194	HT
D07	64	MCAS	EL	TORO	N	22	X	69.95	SD	2.935	LT
D07	64	MCAS	EL	TORO	N	22	X	81.59	SD	4.361	HT
D08	64	MCAS	EL	TORO	N	15	X	74.80	SD	5.017	LT
D08	64	MCAS	EL	TORO	N	15	X	86.67	SD	4.152	HT
D09	64	MCAS	EL	TORO	N	5	X	71.60	SD	3.286	LT
D09	64	MCAS	EL	TORO	N	5	X	77.40	SD	2.191	HT
D05	65	MCAS	EL	TORO	N	12	X	64.25	SD	5.029	LT
D05	65	MCAS	EL	TORO	N	12	X	79.58	SD	4.719	HT
D06	65	MCAS	EL	TORO	N	9	X	63.78	SD	4.116	LT
D06	65	MCAS	EL	TORO	N	9	X	79.00	SD	6.874	HT
D07	65	MCAS	EL	TORO	N	3	X	72.00	SD	2.000	LT
D07	65	MCAS	EL	TORO	N	3	X	78.33	SD	2.082	HT
D08	65	MCAS	EL	TORO	N	5	X	75.60	SD	5.320	LT
D08	65	MCAS	EL	TORO	N	5	X	84.40	SD	5.225	HT
D09	65	MCAS	EL	TORO	N	4	X	71.25	SD	4.787	LT
D09	65	MCAS	EL	TORO	N	4	X	83.75	SD	2.630	HT
D10	65	MCAS	EL	TORO	N	10	X	65.20	SD	3.882	LT
D10	65	MCAS	EL	TORO	N	10	X	85.40	SD	6.818	HT

TABLE 29. (Continued)

D02	66	MCAS	EL	TORO	N	9	X	50.67	SD	5.000	LT
D02	66	MCAS	EL	TORO	N	9	X	64.11	SD	8.007	HT
D03	66	MCAS	EL	TORO	N	6	X	56.50	SD	4.722	LT
D03	66	MCAS	EL	TORO	N	6	X	63.33	SD	6.121	HT
D04	66	MCAS	EL	TORO	N	6	X	62.50	SD	1.871	LT
D04	66	MCAS	EL	TORO	N	6	X	65.33	SD	4.844	HT
D05	66	MCAS	EL	TORO	N	6	X	56.67	SD	9.026	LT
D05	66	MCAS	EL	TORO	N	6	X	85.83	SD	3.971	HT
D06	66	MCAS	EL	TORO	N	11	X	69.55	SD	4.906	LT
D06	66	MCAS	EL	TORO	N	11	X	87.27	SD	5.198	HT
D07	66	MCAS	EL	TORO	N	6	X	76.83	SD	6.524	LT
D07	66	MCAS	EL	TORO	N	6	X	90.17	SD	5.154	HT
D08	66	MCAS	EL	TORO	N	12	X	78.25	SD	4.555	LT
D08	66	MCAS	EL	TORO	N	12	X	89.33	SD	5.516	HT
D09	66	MCAS	EL	TORO	N	8	X	70.00	SD	4.928	LT
D09	66	MCAS	EL	TORO	N	8	X	87.12	SD	7.492	HT
D10	66	MCAS	EL	TORO	N	10	X	67.90	SD	3.635	LT
D10	66	MCAS	EL	TORO	N	10	X	83.10	SD	2.961	HT
D11	66	MCAS	EL	TORO	N	9	X	55.11	SD	4.649	LT
D11	66	MCAS	EL	TORO	N	9	X	75.11	SD	9.347	HT
D12	66	MCAS	EL	TORO	N	12	X	54.92	SD	5.035	LT
D12	66	MCAS	EL	TORO	N	12	X	69.42	SD	4.719	HT
D01	67	MCAS	EL	TORO	N	15	X	50.33	SD	4.220	LT
D01	67	MCAS	EL	TORO	N	15	X	66.27	SD	3.595	HT
D02	67	MCAS	EL	TORO	N	12	X	53.50	SD	3.656	LT
D02	67	MCAS	EL	TORO	N	12	X	73.75	SD	2.864	HT
D03	67	MCAS	EL	TORO	N	32	X	53.66	SD	4.247	LT
D03	67	MCAS	EL	TORO	N	32	X	72.56	SD	5.067	HT
D04	67	MCAS	EL	TORO	N	21	X	54.71	SD	3.703	LT
D04	67	MCAS	EL	TORO	N	21	X	70.71	SD	4.818	HT
D05	67	MCAS	EL	TORO	N	30	X	60.70	SD	7.706	LT
D05	67	MCAS	EL	TORO	N	30	X	81.00	SD	7.163	HT
D06	67	MCAS	EL	TORO	N	23	X	64.57	SD	3.883	LT
D06	67	MCAS	EL	TORO	N	23	X	75.65	SD	7.158	HT
D07	67	MCAS	EL	TORO	N	32	X	71.56	SD	5.364	LT
D07	67	MCAS	EL	TORO	N	32	X	87.12	SD	5.575	HT
D08	67	MCAS	EL	TORO	N	25	X	77.12	SD	5.848	LT
D08	67	MCAS	EL	TORO	N	25	X	93.16	SD	4.784	HT
D09	67	MCAS	EL	TORO	N	26	X	74.62	SD	5.879	LT
D09	67	MCAS	EL	TORO	N	26	X	90.62	SD	6.268	HT
D10	67	MCAS	EL	TORO	N	28	X	69.39	SD	4.166	LT
D10	67	MCAS	EL	TORO	N	28	X	87.68	SD	5.767	HT
D11	67	MCAS	EL	TORO	N	26	X	63.65	SD	4.971	LT
D11	67	MCAS	EL	TORO	N	26	X	77.88	SD	5.046	HT
D12	67	MCAS	EL	TORO	N	27	X	48.30	SD	8.366	LT
D12	67	MCAS	EL	TORO	N	27	X	70.56	SD	6.302	HT

TABLE 29. (Continued)

D01	68	MCAS	EL	TORO	N	29	X	48.14	SD	7.386	LT
D01	68	MCAS	EL	TORO	N	29	X	69.62	SD	8.858	HT
D02	68	MCAS	EL	TORO	N	25	X	53.76	SD	7.860	LT
D02	68	MCAS	EL	TORO	N	25	X	72.84	SD	6.005	HT
D03	68	MCAS	EL	TORO	N	24	X	56.08	SD	5.241	LT
D03	68	MCAS	EL	TORO	N	24	X	77.92	SD	7.211	HT
D04	68	MCAS	EL	TORO	N	29	X	56.93	SD	6.829	LT
D04	68	MCAS	EL	TORO	N	29	X	80.24	SD	5.090	HT
D05	68	MCAS	EL	TORO	N	18	X	62.78	SD	3.705	LT
D05	68	MCAS	EL	TORO	N	18	X	79.83	SD	5.294	HT
D06	68	MCAS	EL	TORO	N	18	X	68.56	SD	5.261	LT
D06	68	MCAS	EL	TORO	N	18	X	85.17	SD	6.474	HT
D07	68	MCAS	EL	TORO	N	28	X	70.18	SD	7.196	LT
D07	68	MCAS	EL	TORO	N	28	X	88.61	SD	5.833	HT
D08	68	MCAS	EL	TORO	N	24	X	70.67	SD	6.722	LT
D08	68	MCAS	EL	TORO	N	24	X	87.71	SD	4.823	HT
D09	68	MCAS	EL	TORO	N	30	X	70.33	SD	5.222	LT
D09	68	MCAS	EL	TORO	N	30	X	88.73	SD	6.838	HT
D10	68	MCAS	EL	TORO	N	24	X	68.58	SD	5.963	LT
D10	68	MCAS	EL	TORO	N	24	X	86.00	SD	8.638	HT
D11	68	MCAS	EL	TORO	N	23	X	58.43	SD	5.097	LT
D11	68	MCAS	EL	TORO	N	23	X	75.74	SD	5.311	HT
D12	68	MCAS	EL	TORO	N	23	X	47.91	SD	7.603	LT
D12	68	MCAS	EL	TORO	N	23	X	69.43	SD	6.584	HT

TABLE 30. Minimum and Maximum Storage Temperature in Earth-Covered Storage Magazines, Monthly Summaries, NWS, Seal Beach, California

D01	64	NWS	SEAL	BEACH	N	562	X	55.73	SD	1.603	LT
D01	64	NWS	SEAL	BEACH	N	562	X	62.22	SD	1.998	HT
D02	64	NWS	SEAL	BEACH	N	603	X	55.92	SD	1.288	LT
D02	64	NWS	SEAL	BEACH	N	603	X	62.78	SD	2.014	HT
D03	64	NWS	SEAL	BEACH	N	693	X	56.41	SD	1.463	LT
D03	64	NWS	SEAL	BEACH	N	693	X	64.43	SD	2.423	HT
D04	64	NWS	SEAL	BEACH	N	525	X	58.62	SD	1.776	LT
D04	64	NWS	SEAL	BEACH	N	525	X	66.84	SD	2.662	HT
D05	64	NWS	SEAL	BEACH	N	425	X	62.03	SD	4.559	LT
D05	64	NWS	SEAL	BEACH	N	425	X	68.85	SD	2.756	HT
D06	64	NWS	SEAL	BEACH	N	344	X	64.37	SD	1.072	LT
D06	64	NWS	SEAL	BEACH	N	344	X	70.35	SD	1.080	HT
D07	64	NWS	SEAL	BEACH	N	115	X	68.69	SD	2.326	LT
D07	64	NWS	SEAL	BEACH	N	115	X	75.28	SD	1.780	HT
D08	64	NWS	SEAL	BEACH	N	378	X	73.87	SD	1.555	LT
D08	64	NWS	SEAL	BEACH	N	378	X	75.21	SD	1.487	HT
D09	64	NWS	SEAL	BEACH	N	650	X	71.06	SD	1.871	LT
D09	64	NWS	SEAL	BEACH	N	650	X	76.89	SD	1.348	HT
D10	64	NWS	SEAL	BEACH	N	416	X	69.13	SD	1.650	LT
D10	64	NWS	SEAL	BEACH	N	416	X	75.67	SD	1.612	HT
D11	64	NWS	SEAL	BEACH	N	274	X	62.29	SD	3.967	LT
D11	64	NWS	SEAL	BEACH	N	274	X	71.28	SD	3.573	HT
D12	64	NWS	SEAL	BEACH	N	105	X	57.97	SD	2.314	LT
D12	64	NWS	SEAL	BEACH	N	105	X	69.04	SD	4.365	HT
D01	65	NWS	SEAL	BEACH	N	509	X	54.77	SD	1.356	LT
D01	65	NWS	SEAL	BEACH	N	509	X	63.44	SD	3.547	HT
D02	65	NWS	SEAL	BEACH	N	506	X	55.12	SD	1.350	LT
D02	65	NWS	SEAL	BEACH	N	506	X	62.25	SD	2.424	HT
D03	65	NWS	SEAL	BEACH	N	484	X	57.80	SD	1.917	LT
D03	65	NWS	SEAL	BEACH	N	484	X	64.39	SD	1.589	HT
D04	65	NWS	SEAL	BEACH	N	201	X	57.19	SD	1.969	LT
D04	65	NWS	SEAL	BEACH	N	201	X	65.11	SD	1.738	HT
D05	65	NWS	SEAL	BEACH	N	251	X	59.35	SD	3.018	LT
D05	65	NWS	SEAL	BEACH	N	251	X	69.15	SD	2.718	HT
D06	65	NWS	SEAL	BEACH	N	160	X	63.99	SD	1.983	LT
D06	65	NWS	SEAL	BEACH	N	160	X	70.61	SD	.971	HT
D07	65	NWS	SEAL	BEACH	N	341	X	66.13	SD	2.511	LT
D07	65	NWS	SEAL	BEACH	N	341	X	72.90	SD	1.370	HT
D08	65	NWS	SEAL	BEACH	N	89	X	70.62	SD	2.543	LT
D08	65	NWS	SEAL	BEACH	N	89	X	78.11	SD	2.097	HT
D09	65	NWS	SEAL	BEACH	N	179	X	69.32	SD	2.067	LT
D09	65	NWS	SEAL	BEACH	N	179	X	77.39	SD	2.107	HT
D10	65	NWS	SEAL	BEACH	N	191	X	68.05	SD	1.752	LT
D10	65	NWS	SEAL	BEACH	N	191	X	76.99	SD	2.492	HT
D11	65	NWS	SEAL	BEACH	N	272	X	65.22	SD	2.741	LT
D11	65	NWS	SEAL	BEACH	N	272	X	74.26	SD	3.608	HT
D12	65	NWS	SEAL	BEACH	N	114	X	60.22	SD	2.534	LT
D12	65	NWS	SEAL	BEACH	N	114	X	69.87	SD	4.063	HT

TABLE 30. (Continued)

D01	66	NWS	SEAL	BEACH	N	142	X	54.03	SD	1.786	LT
D01	66	NWS	SEAL	BEACH	N	142	X	64.11	SD	4.209	HT
D02	66	NWS	SEAL	BEACH	N	225	X	53.98	SD	1.341	LT
D02	66	NWS	SEAL	BEACH	N	225	X	62.48	SD	4.283	HT
D03	66	NWS	SEAL	BEACH	N	257	X	54.95	SD	1.968	LT
D03	66	NWS	SEAL	BEACH	N	257	X	62.76	SD	1.675	HT
D04	66	NWS	SEAL	BEACH	N	45	X	56.02	SD	2.379	LT
D04	66	NWS	SEAL	BEACH	N	45	X	66.38	SD	.777	HT
D05	66	NWS	SEAL	BEACH	N	233	X	61.88	SD	2.166	LT
D05	66	NWS	SEAL	BEACH	N	233	X	70.49	SD	3.047	HT
D06	66	NWS	SEAL	BEACH	N	107	X	64.56	SD	1.268	LT
D06	66	NWS	SEAL	BEACH	N	107	X	72.06	SD	1.553	HT
D07	66	NWS	SEAL	BEACH	N	195	X	69.78	SD	2.136	LT
D07	66	NWS	SEAL	BEACH	N	195	X	74.47	SD	2.072	HT
D08	66	NWS	SEAL	BEACH	N	146	X	72.76	SD	2.574	LT
D08	66	NWS	SEAL	BEACH	N	146	X	76.36	SD	1.433	HT
D09	66	NWS	SEAL	BEACH	N	27	X	73.48	SD	1.397	LT
D09	66	NWS	SEAL	BEACH	N	27	X	79.19	SD	1.210	HT
D10	66	NWS	SEAL	BEACH	N	167	X	70.60	SD	1.650	LT
D10	66	NWS	SEAL	BEACH	N	167	X	71.66	SD	1.748	HT
D11	66	NWS	SEAL	BEACH	N	183	X	65.05	SD	2.934	LT
D11	66	NWS	SEAL	BEACH	N	183	X	73.61	SD	6.842	HT
D12	66	NWS	SEAL	BEACH	N	60	X	61.17	SD	1.317	LT
D12	66	NWS	SEAL	BEACH	N	60	X	66.87	SD	6.371	HT
D01	67	NWS	SEAL	BEACH	N	341	X	56.76	SD	1.717	LT
D01	67	NWS	SEAL	BEACH	N	341	X	57.63	SD	1.779	HT
D02	67	NWS	SEAL	BEACH	N	341	X	58.01	SD	1.717	LT
D02	67	NWS	SEAL	BEACH	N	341	X	58.78	SD	1.578	HT
D03	67	NWS	SEAL	BEACH	N	269	X	59.54	SD	1.709	LT
D03	67	NWS	SEAL	BEACH	N	269	X	60.30	SD	1.700	HT
D04	67	NWS	SEAL	BEACH	N	258	X	58.78	SD	1.241	LT
D04	67	NWS	SEAL	BEACH	N	258	X	59.39	SD	1.118	HT
D05	67	NWS	SEAL	BEACH	N	308	X	62.83	SD	2.566	LT
D05	67	NWS	SEAL	BEACH	N	308	X	63.56	SD	2.645	HT
D06	67	NWS	SEAL	BEACH	N	292	X	66.48	SD	1.248	LT
D06	67	NWS	SEAL	BEACH	N	292	X	67.24	SD	1.305	HT
D07	67	NWS	SEAL	BEACH	N	295	X	70.81	SD	1.596	LT
D07	67	NWS	SEAL	BEACH	N	295	X	71.53	SD	1.588	HT
D08	67	NWS	SEAL	BEACH	N	328	X	74.99	SD	1.103	LT
D08	67	NWS	SEAL	BEACH	N	328	X	75.60	SD	1.137	HT
D09	67	NWS	SEAL	BEACH	N	280	X	75.54	SD	1.258	LT
D09	67	NWS	SEAL	BEACH	N	280	X	76.16	SD	1.352	HT
D10	67	NWS	SEAL	BEACH	N	278	X	72.24	SD	1.413	LT
D10	67	NWS	SEAL	BEACH	N	278	X	73.05	SD	1.279	HT
D11	67	NWS	SEAL	BEACH	N	254	X	67.97	SD	1.447	LT
D11	67	NWS	SEAL	BEACH	N	254	X	68.67	SD	1.525	HT
D12	67	NWS	SEAL	BEACH	N	319	X	59.19	SD	2.750	LT
D12	67	NWS	SEAL	BEACH	N	319	X	59.87	SD	2.785	HT

TABLE 30. (Continued)

D01	68	NWS	SEAL	BEACH	N	325	X	57.18	SD	1.162	LT
D01	68	NWS	SEAL	BEACH	N	325	X	57.91	SD	1.143	HT
D02	68	NWS	SEAL	BEACH	N	279	X	58.53	SD	1.156	LT
D02	68	NWS	SEAL	BEACH	N	279	X	59.23	SD	1.065	HT
D03	68	NWS	SEAL	BEACH	N	324	X	60.88	SD	1.546	LT
D03	68	NWS	SEAL	BEACH	N	324	X	61.60	SD	1.585	HT
D04	68	NWS	SEAL	BEACH	N	309	X	63.12	SD	1.718	LT
D04	68	NWS	SEAL	BEACH	N	309	X	63.87	SD	1.772	HT
D05	68	NWS	SEAL	BEACH	N	320	X	65.29	SD	1.285	LT
D05	68	NWS	SEAL	BEACH	N	320	X	66.00	SD	1.354	HT
D06	68	NWS	SEAL	BEACH	N	318	X	69.28	SD	1.246	LT
D06	68	NWS	SEAL	BEACH	N	318	X	69.87	SD	1.178	HT
D07	68	NWS	SEAL	BEACH	N	208	X	72.21	SD	2.046	LT
D07	68	NWS	SEAL	BEACH	N	208	X	72.85	SD	2.035	HT
D08	68	NWS	SEAL	BEACH	N	324	X	74.17	SD	1.235	LT
D08	68	NWS	SEAL	BEACH	N	324	X	74.88	SD	1.195	HT
D09	68	NWS	SEAL	BEACH	N	309	X	73.84	SD	1.663	LT
D09	68	NWS	SEAL	BEACH	N	309	X	74.53	SD	1.613	HT
D10	68	NWS	SEAL	BEACH	N	326	X	69.53	SD	1.349	LT
D10	68	NWS	SEAL	BEACH	N	326	X	70.17	SD	1.366	HT
D11	68	NWS	SEAL	BEACH	N	292	X	65.91	SD	1.199	LT
D11	68	NWS	SEAL	BEACH	N	292	X	66.61	SD	1.218	HT
D12	68	NWS	SEAL	BEACH	N	332	X	59.65	SD	2.091	LT
D12	68	NWS	SEAL	BEACH	N	332	X	60.36	SD	2.036	HT

TABLE 31. Minimum and Maximum Storage Temperature in Non-Earth-Covered Storage Magazines, Monthly Summaries, NWS, Seal Beach, California

D01	64	NWS	SEAL	BEACH	N	8	X	47.50	SD	4.036	LT
D01	64	NWS	SEAL	BEACH	N	8	X	63.25	SD	7.363	HT
D02	64	NWS	SEAL	BEACH	N	6	X	49.17	SD	3.869	LT
D02	64	NWS	SEAL	BEACH	N	6	X	67.33	SD	4.633	HT
D03	64	NWS	SEAL	BEACH	N	8	X	49.37	SD	3.926	LT
D03	64	NWS	SEAL	BEACH	N	8	X	68.37	SD	8.297	HT
D04	64	NWS	SEAL	BEACH	N	2	X	51.00	SD	5.657	LT
D04	64	NWS	SEAL	BEACH	N	2	X	78.50	SD	9.192	HT
D05	64	NWS	SEAL	BEACH	N	4	X	54.00	SD	6.377	LT
D05	64	NWS	SEAL	BEACH	N	4	X	70.50	SD	4.655	HT
D08	64	NWS	SEAL	BEACH	N	6	X	75.33	SD	3.830	LT
D08	64	NWS	SEAL	BEACH	N	6	X	75.50	SD	3.728	HT
D09	64	NWS	SEAL	BEACH	N	8	X	65.25	SD	3.919	LT
D09	64	NWS	SEAL	BEACH	N	8	X	79.50	SD	4.243	HT
D10	64	NWS	SEAL	BEACH	N	6	X	63.33	SD	4.320	LT
D10	64	NWS	SEAL	BEACH	N	6	X	78.00	SD	6.723	HT
D11	64	NWS	SEAL	BEACH	N	4	X	49.25	SD	7.805	LT
D11	64	NWS	SEAL	BEACH	N	4	X	68.75	SD	6.397	HT
D12	64	NWS	SEAL	BEACH	N	4	X	48.25	SD	3.948	LT
D12	64	NWS	SEAL	BEACH	N	4	X	68.50	SD	7.326	HT
D01	65	NWS	SEAL	BEACH	N	4	X	45.25	SD	3.775	LT
D01	65	NWS	SEAL	BEACH	N	4	X	68.50	SD	5.745	HT
D02	65	NWS	SEAL	BEACH	N	6	X	48.00	SD	3.521	LT
D02	65	NWS	SEAL	BEACH	N	6	X	63.17	SD	5.345	HT
D03	65	NWS	SEAL	BEACH	N	6	X	52.00	SD	5.177	LT
D03	65	NWS	SEAL	BEACH	N	6	X	66.83	SD	4.708	HT
D04	65	NWS	SEAL	BEACH	N	4	X	51.50	SD	2.887	LT
D04	65	NWS	SEAL	BEACH	N	4	X	66.50	SD	4.041	HT
D05	65	NWS	SEAL	BEACH	N	8	X	58.00	SD	3.295	LT
D05	65	NWS	SEAL	BEACH	N	8	X	76.00	SD	6.279	HT
D07	65	NWS	SEAL	BEACH	N	6	X	63.33	SD	4.179	LT
D07	65	NWS	SEAL	BEACH	N	6	X	76.83	SD	5.037	HT
D09	65	NWS	SEAL	BEACH	N	4	X	65.00	SD	.000	LT
D09	65	NWS	SEAL	BEACH	N	4	X	79.00	SD	4.619	HT
D11	65	NWS	SEAL	BEACH	N	4	X	60.25	SD	4.924	LT
D11	65	NWS	SEAL	BEACH	N	4	X	83.75	SD	7.411	HT
D12	65	NWS	SEAL	BEACH	N	2	X	52.00	SD	4.243	LT
D12	65	NWS	SEAL	BEACH	N	2	X	67.50	SD	3.536	HT

TABLE 3 (Continued)

D01	66	NWS	SEAL	BEACH	N	2	X	46.50	SD	4.950	LT
D01	66	NWS	SEAL	BEACH	N	2	X	66.00	SD	8.485	HT
D02	66	NWS	SEAL	BEACH	N	2	X	47.00	SD	4.243	LT
D02	66	NWS	SEAL	BEACH	N	2	X	66.00	SD	8.485	HT
D03	66	NWS	SEAL	BEACH	N	2	X	47.50	SD	3.536	LT
D03	66	NWS	SEAL	BEACH	N	2	X	71.00	SD	4.243	HT
D05	66	NWS	SEAL	BEACH	N	2	X	58.50	SD	4.950	LT
D05	66	NWS	SEAL	BEACH	N	2	X	74.00	SD	5.657	HT
D07	66	NWS	SEAL	BEACH	N	2	X	73.00	SD	2.828	LT
D07	66	NWS	SEAL	BEACH	N	2	X	74.00	SD	2.828	HT
D08	66	NWS	SEAL	BEACH	N	2	X	67.00	SD	2.828	LT
D08	66	NWS	SEAL	BEACH	N	2	X	81.50	SD	4.950	HT
D10	66	NWS	SEAL	BEACH	N	2	X	69.00	SD	.000	LT
D10	66	NWS	SEAL	BEACH	N	2	X	70.00	SD	.000	HT
D11	66	NWS	SEAL	BEACH	N	2	X	61.50	SD	4.950	LT
D11	66	NWS	SEAL	BEACH	N	2	X	84.00	SD	8.485	HT
D01	67	NWS	SEAL	BEACH	N	2	X	52.50	SD	.707	LT
D01	67	NWS	SEAL	BEACH	N	2	X	53.50	SD	.707	HT
D02	67	NWS	SEAL	BEACH	N	6	X	59.33	SD	3.882	LT
D02	67	NWS	SEAL	BEACH	N	6	X	60.50	SD	3.834	HT
D03	67	NWS	SEAL	BEACH	N	4	X	60.25	SD	2.217	LT
D03	67	NWS	SEAL	BEACH	N	4	X	61.25	SD	2.217	HT
D04	67	NWS	SEAL	BEACH	N	4	X	57.00	SD	2.944	LT
D04	67	NWS	SEAL	BEACH	N	4	X	57.50	SD	3.000	HT
D05	67	NWS	SEAL	BEACH	N	4	X	64.00	SD	2.828	LT
D05	67	NWS	SEAL	BEACH	N	4	X	64.50	SD	3.109	HT
D06	67	NWS	SEAL	BEACH	N	4	X	65.25	SD	.500	LT
D06	67	NWS	SEAL	BEACH	N	4	X	66.50	SD	.577	HT
D07	67	NWS	SEAL	BEACH	N	2	X	69.00	SD	.000	LT
D07	67	NWS	SEAL	BEACH	N	2	X	70.00	SD	.000	HT
D08	67	NWS	SEAL	BEACH	N	4	X	75.50	SD	2.380	LT
D08	67	NWS	SEAL	BEACH	N	4	X	76.00	SD	2.449	HT
D09	67	NWS	SEAL	BEACH	N	2	X	74.00	SD	1.414	LT
D09	67	NWS	SEAL	BEACH	N	2	X	74.50	SD	.707	HT
D10	67	NWS	SEAL	BEACH	N	4	X	67.50	SD	3.697	LT
D10	67	NWS	SEAL	BEACH	N	4	X	68.50	SD	3.697	HT
D12	67	NWS	SEAL	BEACH	N	4	X	55.00	SD	5.228	LT
D12	67	NWS	SEAL	BEACH	N	4	X	55.50	SD	5.196	HT

TABLE 31. (Continued)

D01	68	NWS	SEAL	BEACH	N	4	X	52.50	SD	3.512	LT
D01	68	NWS	SEAL	BEACH	N	4	X	53.25	SD	3.202	HT
D02	68	NWS	SEAL	BEACH	N	6	X	58.17	SD	2.137	LT
D02	68	NWS	SEAL	BEACH	N	6	X	59.00	SD	2.449	HT
D03	68	NWS	SEAL	BEACH	N	4	X	63.50	SD	2.082	LT
D03	68	NWS	SEAL	BEACH	N	4	X	64.25	SD	2.217	HT
D04	68	NWS	SEAL	BEACH	N	2	X	61.50	SD	2.121	LT
D04	68	NWS	SEAL	BEACH	N	2	X	62.00	SD	2.828	HT
D05	68	NWS	SEAL	BEACH	N	4	X	64.25	SD	.500	LT
D05	68	NWS	SEAL	BEACH	N	4	X	64.50	SD	.577	HT
D06	68	NWS	SEAL	BEACH	N	4	X	68.50	SD	1.915	LT
D06	68	NWS	SEAL	BEACH	N	4	X	68.75	SD	2.062	HT
D07	68	NWS	SEAL	BEACH	N	2	X	75.50	SD	2.121	LT
D07	68	NWS	SEAL	BEACH	N	2	X	76.00	SD	2.828	HT
D08	68	NWS	SEAL	BEACH	N	4	X	72.50	SD	2.380	LT
D08	68	NWS	SEAL	BEACH	N	4	X	73.50	SD	2.380	HT
D09	68	NWS	SEAL	BEACH	N	2	X	72.00	SD	1.414	LT
D09	68	NWS	SEAL	BEACH	N	2	X	72.50	SD	.707	HT
D10	68	NWS	SEAL	BEACH	N	4	X	65.25	SD	.957	LT
D10	68	NWS	SEAL	BEACH	N	4	X	65.75	SD	.500	HT
D11	68	NWS	SEAL	BEACH	N	4	X	63.00	SD	2.449	LT
D11	68	NWS	SEAL	BEACH	N	4	X	63.50	SD	2.646	HT
D12	68	NWS	SEAL	BEACH	N	4	X	52.50	SD	1.732	LT
D12	68	NWS	SEAL	BEACH	N	4	X	53.00	SD	2.160	HT

TABLE 32. Minimum and Maximum Storage Temperature in Earth-Covered Storage Magazines, Monthly Summaries, NOS, Indian Head, Maryland

D01	64	NOS	INDIAN	HD	N	8	X	33.62	SD	4.406	LT
D01	64	NOS	INDIAN	HD	N	8	X	50.12	SD	5.643	HT
D02	64	NOS	INDIAN	HD	N	8	X	37.87	SD	3.482	LT
D02	64	NOS	INDIAN	HD	N	8	X	50.12	SD	4.324	HT
D03	64	NOS	INDIAN	HD	N	9	X	40.44	SD	4.640	LT
D03	64	NOS	INDIAN	HD	N	9	X	58.44	SD	7.002	HT
D04	64	NOS	INDIAN	HD	N	7	X	45.29	SD	4.231	LT
D04	64	NOS	INDIAN	HD	N	7	X	62.57	SD	7.390	HT
D05	64	NOS	INDIAN	HD	N	45	X	60.20	SD	5.895	LT
D05	64	NOS	INDIAN	HD	N	45	X	69.87	SD	6.214	HT
D11	64	NOS	INDIAN	HD	N	72	X	52.35	SD	4.273	LT
D11	64	NOS	INDIAN	HD	N	72	X	57.64	SD	3.991	HT
D12	64	NOS	INDIAN	HD	N	59	X	42.76	SD	2.654	LT
D12	64	NOS	INDIAN	HD	N	59	X	50.53	SD	9.583	HT
D01	65	NOS	INDIAN	HD	N	933	X	38.21	SD	4.543	LT
D01	65	NOS	INDIAN	HD	N	933	X	44.32	SD	5.049	HT
D02	65	NOS	INDIAN	HD	N	863	X	37.26	SD	5.157	LT
D02	65	NOS	INDIAN	HD	N	863	X	43.61	SD	4.943	HT
D03	65	NOS	INDIAN	HD	N	1194	X	41.71	SD	3.669	LT
D03	65	NOS	INDIAN	HD	N	1194	X	47.47	SD	3.996	HT
D04	65	NOS	INDIAN	HD	N	966	X	48.58	SD	5.352	LT
D04	65	NOS	INDIAN	HD	N	966	X	56.17	SD	5.690	HT
D05	65	NOS	INDIAN	HD	N	1016	X	63.43	SD	6.071	LT
D05	65	NOS	INDIAN	HD	N	1016	X	71.33	SD	5.761	HT
D06	65	NOS	INDIAN	HD	N	1089	X	69.73	SD	4.626	LT
D06	65	NOS	INDIAN	HD	N	1089	X	76.48	SD	4.520	HT
D07	65	NOS	INDIAN	HD	N	1315	X	73.93	SD	3.660	LT
D07	65	NOS	INDIAN	HD	N	1315	X	79.72	SD	3.994	HT
D08	65	NOS	INDIAN	HD	N	1309	X	75.32	SD	3.679	LT
D08	65	NOS	INDIAN	HD	N	1309	X	80.76	SD	3.584	HT
D09	65	NOS	INDIAN	HD	N	1083	X	72.29	SD	3.561	LT
D09	65	NOS	INDIAN	HD	N	1083	X	78.40	SD	4.015	HT
D10	65	NOS	INDIAN	HD	N	1064	X	60.76	SD	4.573	LT
D10	65	NOS	INDIAN	HD	N	1064	X	66.54	SD	4.815	HT
D11	65	NOS	INDIAN	HD	N	1328	X	51.55	SD	4.415	LT
D11	65	NOS	INDIAN	HD	N	1328	X	58.63	SD	4.518	HT
D12	65	NOS	INDIAN	HD	N	820	X	43.84	SD	3.640	LT
D12	65	NOS	INDIAN	HD	N	820	X	49.31	SD	4.738	HT

TABLE 32. (Continued)

D01	66	NOS	INDIAN	HD	N	1273	X	37.38	SD	5.162	LT
D01	66	NOS	INDIAN	HD	N	1273	X	44.67	SD	5.503	HT
D02	66	NOS	INDIAN	HD	N	1215	X	35.37	SD	5.224	LT
D02	66	NOS	INDIAN	HD	N	1215	X	43.98	SD	5.161	HT
D03	66	NOS	INDIAN	HD	N	1188	X	42.66	SD	3.893	LT
D03	66	NOS	INDIAN	HD	N	1188	X	50.23	SD	4.292	HT
D04	66	NOS	INDIAN	HD	N	1106	X	47.84	SD	4.239	LT
D04	66	NOS	INDIAN	HD	N	1106	X	56.24	SD	5.163	HT
D05	66	NOS	INDIAN	HD	N	1196	X	57.34	SD	5.733	LT
D05	66	NOS	INDIAN	HD	N	1196	X	66.55	SD	6.089	HT
D01	68	NOS	INDIAN	HD	N	87	X	31.25	SD	6.146	LT
D01	68	NOS	INDIAN	HD	N	87	X	50.47	SD	6.067	HT
D02	68	NOS	INDIAN	HD	N	86	X	31.05	SD	4.256	LT
D02	68	NOS	INDIAN	HD	N	86	X	49.52	SD	6.215	HT
D03	68	NOS	INDIAN	HD	N	85	X	35.40	SD	4.384	LT
D03	68	NOS	INDIAN	HD	N	85	X	61.29	SD	5.875	HT
D04	68	NOS	INDIAN	HD	N	88	X	47.87	SD	5.659	LT
D04	68	NOS	INDIAN	HD	N	88	X	67.13	SD	6.355	HT
D05	68	NOS	INDIAN	HD	N	88	X	52.58	SD	6.470	LT
D05	68	NOS	INDIAN	HD	N	88	X	71.49	SD	6.036	HT
D06	68	NOS	INDIAN	HD	N	87	X	58.80	SD	5.559	LT
D06	68	NOS	INDIAN	HD	N	87	X	83.14	SD	6.029	HT
D07	68	NOS	INDIAN	HD	N	85	X	71.14	SD	6.485	LT
D07	68	NOS	INDIAN	HD	N	85	X	88.94	SD	5.388	HT
D08	68	NOS	INDIAN	HD	N	91	X	73.00	SD	6.270	LT
D08	68	NOS	INDIAN	HD	N	91	X	90.57	SD	5.143	HT
D09	68	NOS	INDIAN	HD	N	89	X	68.16	SD	3.781	LT
D09	68	NOS	INDIAN	HD	N	89	X	84.10	SD	3.388	HT
D10	68	NOS	INDIAN	HD	N	89	X	57.80	SD	6.031	LT
D10	68	NOS	INDIAN	HD	N	89	X	77.91	SD	4.728	HT
D11	68	NOS	INDIAN	HD	N	90	X	44.58	SD	4.162	LT
D11	68	NOS	INDIAN	HD	N	90	X	63.39	SD	5.034	HT
D12	68	NOS	INDIAN	HD	N	88	X	35.64	SD	5.292	LT
D12	68	NOS	INDIAN	HD	N	88	X	57.37	SD	5.013	HT

TABLE 33. Minimum and Maximum Storage Temperature in Non-Earth-Covered Storage Magazines, Monthly Summaries, NOS, Indian Head, Maryland.

D03	64	NOS	INDIAN	HD	N	15	X	47.13	SD	5.410	LT
D03	64	NOS	INDIAN	HD	N	15	X	59.27	SD	6.307	HT
D04	64	NOS	INDIAN	HD	N	13	X	52.77	SD	7.143	LT
D04	64	NOS	INDIAN	HD	N	13	X	64.23	SD	7.143	HT
D05	64	NOS	INDIAN	HD	N	33	X	61.91	SD	6.853	LT
D05	64	NOS	INDIAN	HD	N	33	X	78.03	SD	8.900	HT
D06	64	NOS	INDIAN	HD	N	14	X	73.43	SD	5.445	LT
D06	64	NOS	INDIAN	HD	N	14	X	86.57	SD	6.653	HT
D07	64	NOS	INDIAN	HD	N	14	X	78.57	SD	2.311	LT
D07	64	NOS	INDIAN	HD	N	14	X	90.64	SD	1.781	HT
D08	64	NOS	INDIAN	HD	N	10	X	75.80	SD	1.989	LT
D08	64	NOS	INDIAN	HD	N	10	X	85.50	SD	4.994	HT
D09	64	NOS	INDIAN	HD	N	12	X	72.75	SD	5.065	LT
D09	64	NOS	INDIAN	HD	N	12	X	82.83	SD	5.750	HT
D10	64	NOS	INDIAN	HD	N	10	X	56.40	SD	3.373	LT
D10	64	NOS	INDIAN	HD	N	10	X	67.40	SD	4.326	HT
D11	64	NOS	INDIAN	HD	N	29	X	48.24	SD	9.003	LT
D11	64	NOS	INDIAN	HD	N	29	X	62.24	SD	6.266	HT
D12	64	NOS	INDIAN	HD	N	27	X	32.78	SD	5.905	LT
D12	64	NOS	INDIAN	HD	N	27	X	45.15	SD	5.426	HT
D01	65	NOS	INDIAN	HD	N	347	X	29.43	SD	5.133	LT
D01	65	NOS	INDIAN	HD	N	347	X	41.80	SD	8.253	HT
D02	65	NOS	INDIAN	HD	N	307	X	30.85	SD	8.315	LT
D02	65	NOS	INDIAN	HD	N	307	X	44.03	SD	8.390	HT
D03	65	NOS	INDIAN	HD	N	386	X	37.99	SD	5.049	LT
D03	65	NOS	INDIAN	HD	N	386	X	48.69	SD	5.444	HT
D04	65	NOS	INDIAN	HD	N	355	X	47.27	SD	5.907	LT
D04	65	NOS	INDIAN	HD	N	355	X	59.38	SD	6.733	HT
D05	65	NOS	INDIAN	HD	N	360	X	64.47	SD	6.739	LT
D05	65	NOS	INDIAN	HD	N	360	X	79.37	SD	5.738	HT
D06	65	NOS	INDIAN	HD	N	344	X	65.60	SD	5.395	LT
D06	65	NOS	INDIAN	HD	N	344	X	80.66	SD	7.108	HT
D07	65	NOS	INDIAN	HD	N	369	X	73.07	SD	5.243	LT
D07	65	NOS	INDIAN	HD	N	369	X	86.10	SD	5.379	HT
D08	65	NOS	INDIAN	HD	N	343	X	74.14	SD	4.548	LT
D08	65	NOS	INDIAN	HD	N	343	X	86.81	SD	4.447	HT
D09	65	NOS	INDIAN	HD	N	324	X	69.08	SD	5.909	LT
D09	65	NOS	INDIAN	HD	N	324	X	80.93	SD	5.735	HT
D10	65	NOS	INDIAN	HD	N	352	X	52.95	SD	6.513	LT
D10	65	NOS	INDIAN	HD	N	352	X	65.39	SD	5.178	HT
D11	65	NOS	INDIAN	HD	N	286	X	44.11	SD	5.426	LT
D11	65	NOS	INDIAN	HD	N	286	X	57.05	SD	5.549	HT
D12	65	NOS	INDIAN	HD	N	224	X	35.59	SD	5.711	LT
D12	65	NOS	INDIAN	HD	N	224	X	46.73	SD	4.644	HT

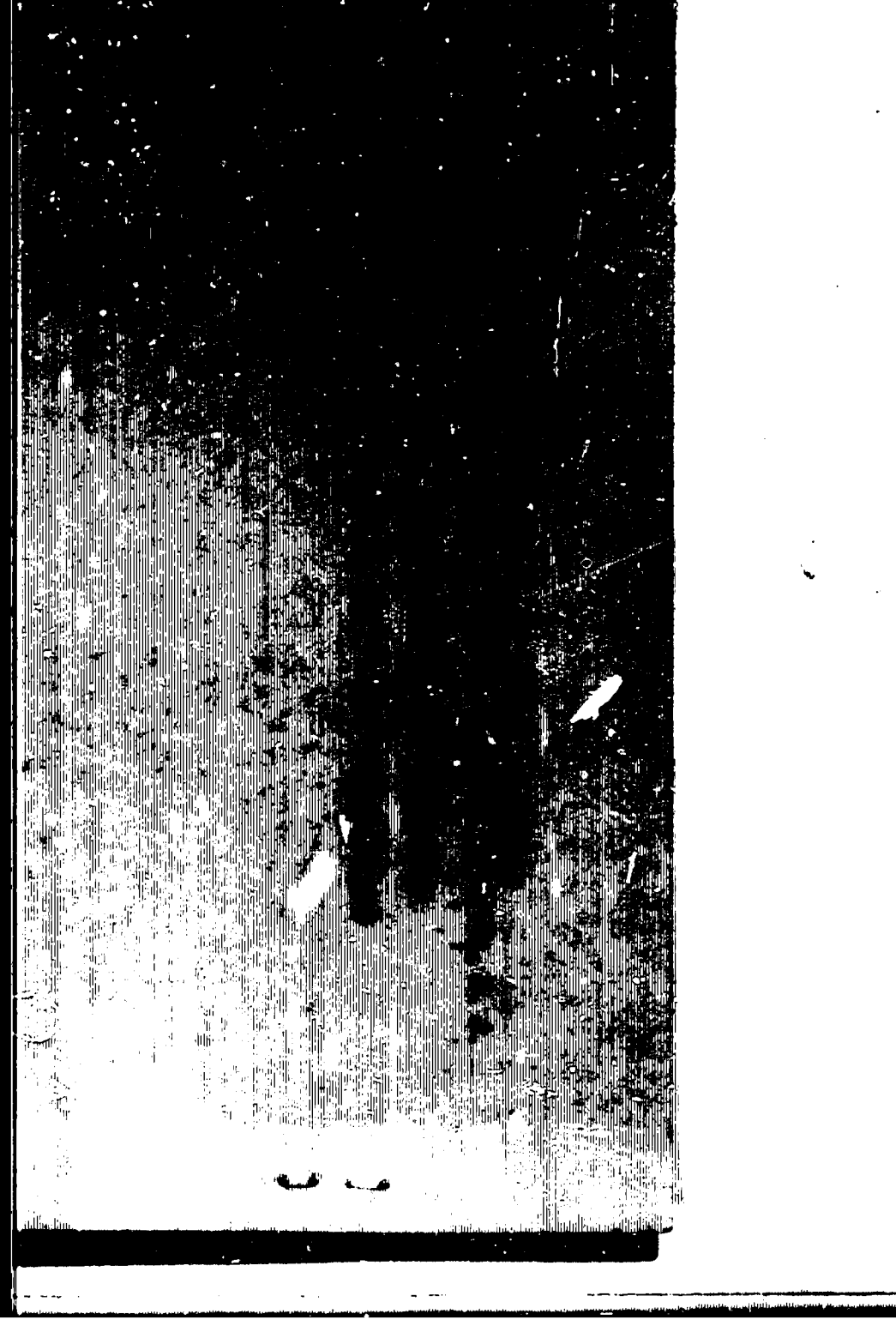

TABLE 33. (Continued)

D01	66	NOS	INDIAN	HD	N	310	X	31.59	SD	6.648	LT
D01	66	NOS	INDIAN	HD	N	310	X	41.11	SD	6.946	HT
D02	66	NOS	INDIAN	HD	N	268	X	31.09	SD	6.843	LT
D02	66	NOS	INDIAN	HD	N	268	X	40.50	SD	7.160	HT
D03	66	NOS	INDIAN	HD	N	348	X	40.44	SD	8.215	LT
D03	66	NOS	INDIAN	HD	N	348	X	53.21	SD	6.555	HT
D04	66	NOS	INDIAN	HD	N	253	X	46.91	SD	6.818	LT
D04	66	NOS	INDIAN	HD	N	253	X	58.69	SD	7.983	HT
D05	66	NOS	INDIAN	HD	N	285	X	56.23	SD	8.044	LT
D05	66	NOS	INDIAN	HD	N	285	X	70.71	SD	8.280	HT
D01	68	NOS	INDIAN	HD	N	28	X	22.96	SD	7.734	LT
D01	68	NOS	INDIAN	HD	N	28	X	48.79	SD	5.036	HT
D02	68	NOS	INDIAN	HD	N	27	X	24.41	SD	7.856	LT
D02	68	NOS	INDIAN	HD	N	27	X	48.48	SD	4.677	HT
D03	68	NOS	INDIAN	HD	N	27	X	32.22	SD	9.316	LT
D03	68	NOS	INDIAN	HD	N	27	X	67.15	SD	8.904	HT
D04	68	NOS	INDIAN	HD	N	28	X	45.32	SD	5.437	LT
D04	68	NOS	INDIAN	HD	N	28	X	70.75	SD	8.294	HT
D05	68	NOS	INDIAN	HD	N	28	X	50.86	SD	4.828	LT
D05	68	NOS	INDIAN	HD	N	28	X	74.54	SD	6.796	HT
D06	68	NOS	INDIAN	HD	N	27	X	57.81	SD	5.725	LT
D06	68	NOS	INDIAN	HD	N	27	X	86.37	SD	7.601	HT
D07	68	NOS	INDIAN	HD	N	27	X	68.59	SD	3.672	LT
D07	68	NOS	INDIAN	HD	N	27	X	92.30	SD	7.010	HT
D08	68	NOS	INDIAN	HD	N	29	X	67.31	SD	6.165	LT
D08	68	NOS	INDIAN	HD	N	29	X	89.79	SD	9.556	HT
D09	68	NOS	INDIAN	HD	N	28	X	61.14	SD	5.482	LT
D09	68	NOS	INDIAN	HD	N	28	X	84.75	SD	5.595	HT
D10	68	NOS	INDIAN	HD	N	29	X	46.59	SD	6.039	LT
D10	68	NOS	INDIAN	HD	N	29	X	77.59	SD	5.329	HT
D11	68	NOS	INDIAN	HD	N	29	X	38.03	SD	7.297	LT
D11	68	NOS	INDIAN	HD	N	29	X	65.59	SD	7.414	HT
D12	68	NOS	INDIAN	HD	N	27	X	27.74	SD	8.981	LT
D12	68	NOS	INDIAN	HD	N	27	X	55.04	SD	7.628	HT

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Appendix E

STATISTICAL NOTES AND IMPLICATIONS

The following points concerning the data should be considered before making final judgment on the contents of this report.

(1) The time intervals at which temperature readings were taken were not equal. The maximum and minimum temperature readings were those encountered within the magazine during those intervals of time. The difference in reading-time intervals biases the results in both maximum and minimum directions. It has been found that the temperatures in some magazines were recorded daily, weekly, biweekly, or monthly, or less frequently, depending on the material and procedures used at the facility. This, of course, biases the results upward, since a high temperature for one day may be the recorded temperature for that magazine for a one week or greater period instead of for that specific day.

(2) The amount of ammunition in the storage magazines is not always constant. The absorption of heat by the ammunition (dependent on the quantity of material) within the magazine could account for differences in temperature readings.

(3) The frequency at which the magazine doors are opened will also influence the temperature readings.

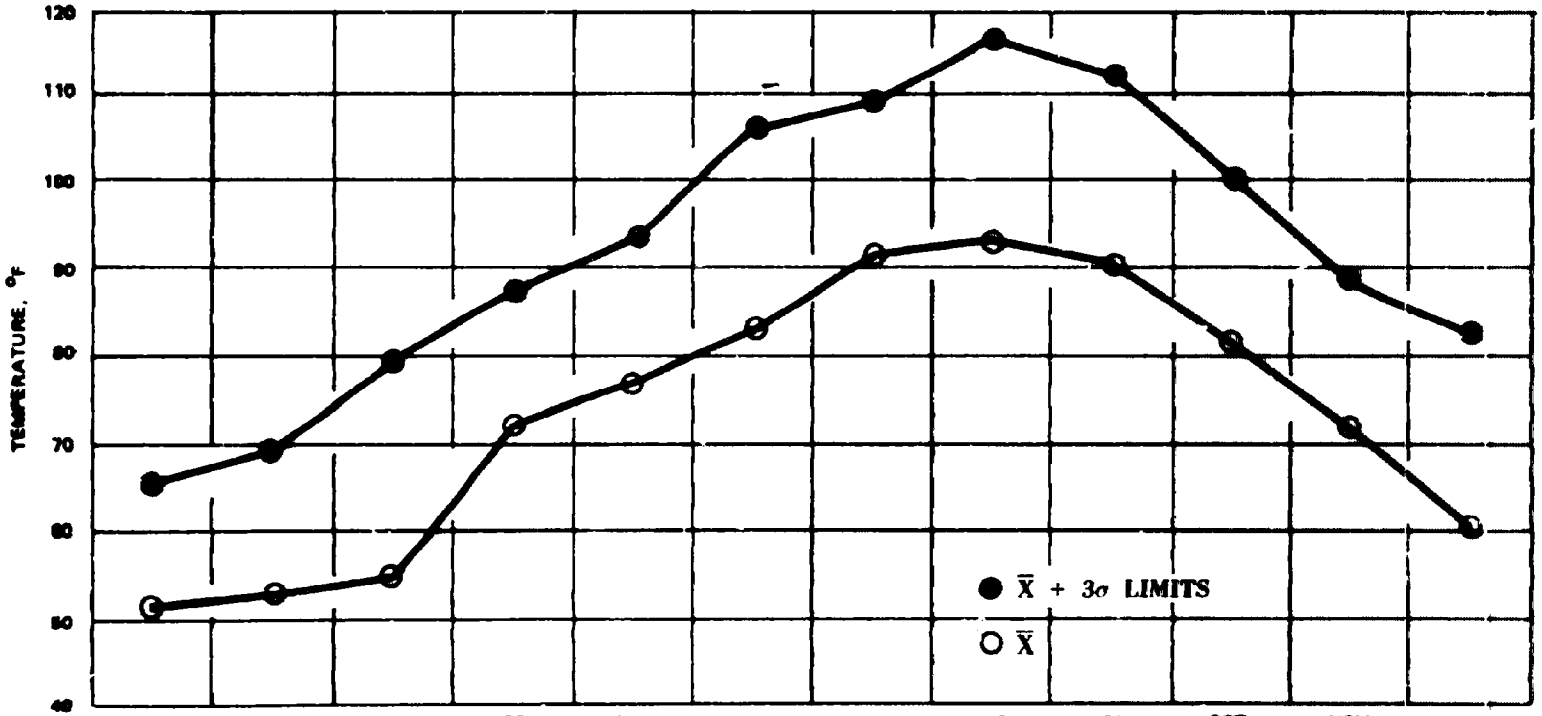
(4) In some cases inaccuracies of thermometers are large and the thermometers are not read properly. These effects were also not considered.

(5) The Monthly Temperature Summaries (Appendix B) indicating the number of maximum temperature readings greater than nominal temperatures is exclusive of minimum temperature readings. Perhaps the minimum temperatures could be used in such a way as to provide the time duration of these nominal temperatures. If, for example, the minimum temperature recorded for a reading interval is 85°F, it is certain that the temperature within the storage magazine was no lower than 85°F during that reading interval.

The number of data points, the averages, and the standard deviations of temperature readings for each month was reported in Appendix B and D because these statistics provide information concerning the distribution of temperature readings. If it is assumed that these temperature measurements are normally distributed (the Gaussian curve) within each month, and the data in most cases do not indicate that this is a poor assumption for practical use, the standard deviation can be used to attach probabilities of occurrences to nominal temperature values.

For example, in November 1968, for non-earth-covered magazines at NAD, Portsmouth, Virginia, the sample size is 145, the average maximum temperature is 74.01°F, and the standard deviation is 5.111. From this and the assumption that the data are representative of the storage temperature encountered in November, the probability of experiencing a storage temperature of 89.31 (74.01 + 3σ)°F or more in a non-earth-covered magazine is less than .005.

In Fig. 37, the lower line represents the mean maximum temperatures that were recorded for the year 1968 in non-earth-covered magazines at NAD, Portsmouth, Virginia. The upper line represents the upper 3σ limits on the maximum temperatures. The means ($\bar{x}$), standard deviations (σ), 3σ, and $\bar{x}$ + 3σ are presented below the graph.



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
$\bar{X}$	50.46	53.81	56.77	72.60	77.96	84.37	93.09	95.32	90.02	83.62	74.01	60.28
σ	4.9	5.1	7.5	4.7	4.9	7.6	5.4	7.2	7.2	5.4	5.1	7.8
3σ	14.7	15.3	22.5	14.1	14.7	22.8	16.2	21.6	21.6	16.2	15.3	23.4
$\bar{X}$ + 3σ	65.16	69.11	79.27	86.70	92.68	107.17	109.29	116.92	111.62	99.82	89.31	83.68

FIG. 37. The Upper 3σ Limits on the Maximum Temperatures for the Data From NAD, Portsmouth, Virginia--Non-Earth-Covered Magazines--January Through December 1968.

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ABSTRACT CARD

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Storage Temperature of Explosive Hazard Magazines Part 6. Continental United States, by I. S. Kurotori, R. Massaro, and H. C. Schafer. China Lake, Calif., NWC, November 1969. 136 pp. (NWC TP 4143, Part 6), UNCLASSIFIED.

ABSTRACT. Storage magazine temperature measurements (157,235 data points) from Portsmouth, Virginia; Charleston, South Carolina; Crane, Indiana; McAlester, Oklahoma; Dallas, Texas; Corpus Christi, Texas; Concord, California; El Toro, California; Seal Beach, California; and Indian Head, Maryland are under study

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