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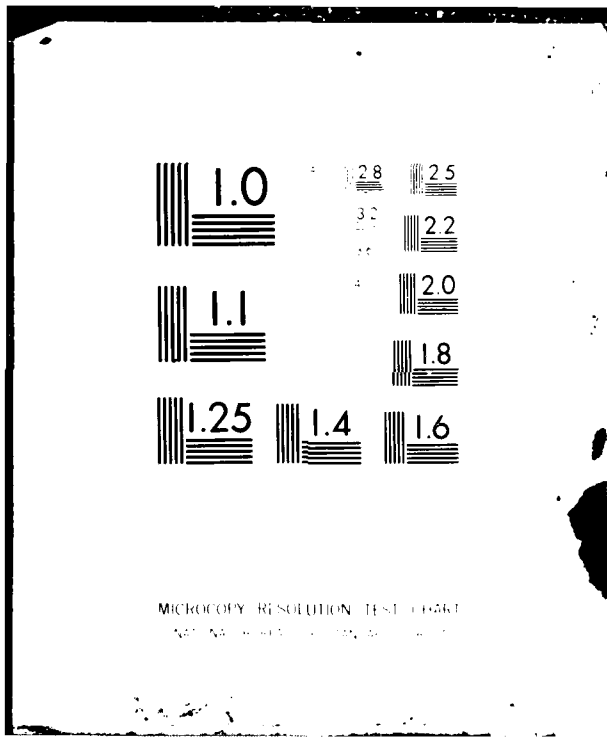
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**Headquarters AWS  
and Subordinate Units**

**August 1981**

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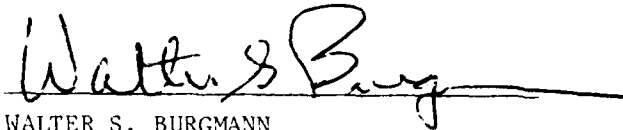
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FOR THE COMMANDER

A handwritten signature in cursive script, reading "Walter S. Burgmann", with a horizontal line extending to the right from the end of the signature.

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

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19 KEY WORDS (Continue on reverse side if necessary and identify by block number) Indexes, Meteorology, Weather Forecasting, Technical Reports, Technical Publications, Technical Notes, Terminal Forecast Reference Notebooks, Forecaster Memos, Technical Indexes, Technical Memos, Climatic Briefs.		
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This index lists technical publications of the US Air Force Air Weather Service including its subordinate units. These units include the Air Force Global Weather Central, US Air Force Environmental Technical Applications Center, 1st Weather Wing, 2nd Weather Wing, 3rd Weather Wing, 5th Weather Wing, and 7th Weather Wing.		

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## PREFACE

This index is an update and expansion of AWS/TI-79/003, Index of Air Weather Service Technical Reports, November 1979. It includes all technical publications originated by Headquarters Air Weather Service (AWS), Air Force Global Weather Central (AFGWC), US Air Force Environmental Technical Applications Center (USAFETAC), 1st Weather Wing (1WW), 2nd Weather Wing (2WW), 3rd Weather Wing (3WW), 5th Weather Wing (5WW), and 7th Weather Wing (7WW) as reported to USAFETAC in accordance with AWS Regulation 80-2.

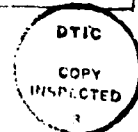
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CONTENTS

	Page
SECTION A: AIR WEATHER SERVICE	
AWS Technical Reports . . . . .	A-1
AWS Technical Notes . . . . .	A-23
AWS Technical Indexes . . . . .	A-24
AWS Forecaster Memos . . . . .	A-25
AWS Forecaster Memos, 100 Series . . . . .	A-27
AWS Forecaster Memos, 200 Series . . . . .	A-28
SECTION B: AIR FORCE GLOBAL WEATHER CENTRAL	
AFGWC Technical Memos . . . . .	B-1
AFGWC Technical Notes . . . . .	B-2
SECTION C: USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER	
USAFETAC Technical Notes . . . . .	C-1
Hand Calculator Programs in AWSTL . . . . .	C-5
Revised Uniform Summary of Surface Weather Observations . . . . .	C-7
AWS Climatic Briefs . . . . .	C-13
SECTION D: FIRST WEATHER WING	
1WW Technical Notes . . . . .	D-1
1WW Forecaster Memos . . . . .	D-2
1WW Forecaster Memos, 200 Series . . . . .	D-3
1WW Technical Publications . . . . .	D-4
SECTION E: SECOND WEATHER WING	
2WW Technical Notes . . . . .	E-1
SECTION F: THIRD WEATHER WING	
3WW Technical Notes . . . . .	F-1
3WW Forecaster Memoranda . . . . .	F-3
3WW Terminal Forecast Reference Notebooks . . . . .	F-4
SECTION G: FIFTH WEATHER WING	
5WW Technical Notes . . . . .	G-1
5WW Forecaster Memos . . . . .	G-2
5WW Terminal Forecast Reference Notebooks . . . . .	G-3
SECTION H: SEVENTH WEATHER WING	
7WW Technical Notes . . . . .	H-1
7WW Forecaster Memos . . . . .	H-2
7WW Technical Indexes . . . . .	H-4
SECTION I: TERMINAL FORECAST REFERENCE NOTEBOOKS	

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## SECTION A: AIR WEATHER SERVICE

AWS Technical Reports

- 55-3 "Determination of Absolute Height and Wind for Aircraft Operations," September 1944, 99 p. (Formerly WD Report No. 708, Redesignated AAFWS TR 56-1) (ATI-62748).
- 55-4 "Use of Radio Altimeter in Determining Wind and Drift While in Flight," December 1943, 12 p. (Formerly WD Report No. 638, Redesignated AAFWS TR 58-1) (ATI-74431).
- 105-1 "The Structure of the Local Winds in the Los Angeles Basin, California," [by Lt L. P. Leopold and Lt G. Beer] September 1945, 30 p. incl. charts (ATI-72493).
- 105-2 "Wind Variability," by Maj Hugh W. Ellsaesser, 10 March 1960, 91 p. (AD-242199).
- 105-3 "On Vertical Motion in the Atmosphere," November 1945, 86 p. plus diagrams (ATI-65132).  
Contents:  
"Determination of the Field of Vertical Motion," by Robert G. Fleagle, et al., pp. 1-39.  
"A Descriptive Study of the Field of Vertical Motion in a Colorado Low," by Robert G. Fleagle, pp. 40-65.  
"Computation of Vertical Motion from Constant Pressure Charts," by James E. Miller, pp. 66-86.
- 105-4 "A Study of Waves in the Easterlies," by Capt C. O. Durham, Lt E. A. Bryant, Lt J. W. Daane, D. N. Mills, and W. E. Wright, USAC Research Unit, 9th Weather Region, July 1945, 92 p. plus figs. Revised and edited by Herbert Riehl, 1946 (ATI-82074).
- 105-5 "Tables Equivalent Potential Temperature for the Standard Constant Pressure Surfaces," [by Capt R. C. Bundgaard] May 1946 (ATI-65136).
- 105-6 "Critique of Verification of Weather Forecasts," by Forecast Branch, Hq AAF, January 1944, 84 p. (Formerly WD Report No. 669) (ATI-70922).
- 105-7 "Final Report on the Use of Symmetry Points in the Pressure Curves for Long-Range Forecasting," by B. Haurwitz, March 1944, 7 p. (Formerly WD Report No. 709) (ATI-112490).
- 105-8 "Preliminary Report on Cloud Conditions Over the North Atlantic, January - March 1944," by 2Lt A. W. Badanes, September 1944, 23 p. (Formerly WD Report No. 791) (ATI-65138).
- 105-10 "Preliminary Report of Meteorological Programs at San Jose Island Panama," September 1944, 23 p. (Formerly WD Report No. 809) (ATI-72476).
- 105-11 "Non-Frontal Cumulus Clouds on the North Atlantic Routes," January 1945, 16 p. (Formerly WD Report No. 884) (ATI-72849).
- 105-12A "Preparation of a Classification Graph East Asia-West Pacific Synoptic Region January 1899 through June 1939, Part I," [by CIT-AAF] December 1944, 93 p. (Formerly WD Report No. 904) (ATI-65141).
- 105-12B "Classification Graph East Asia-West Pacific Synoptic Region January 1899 through June 1939 (4 sheets in color) Part II," December 1944.
- 105-13 "A Check List for Forecasting Southern California Stratus," by AAF Research Weather Station, UCLA, 1944, 35 p. (Formerly WD Report No. 928) (ATI-72495).



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- 105-14A "Preparation of a Classification Graph East Pacific Synoptic Region January 1899 through June 1939, Part I," [by W. H. Rempel and Newton C. Stone, CIT-AAF] February 1945, Revised May 1945, 89 p. (Formerly WD Report No. 943) (ATI-65147).
- 105-14B "Classification Graph East Pacific Synoptic Region January 1899 through June 1939 (4 sheets in color) Part II," May 1945.
- 105-15 "Analysis and Forecasting of Tropical Cyclones of 1944 in the Caribbean Sea and Western Atlantic Ocean, with the Aid of Aircraft Reconnaissance Reports and Rawins," [by Maj I. I. Porush] May 1945, 30 p. (Formerly WD Report No. 962) (ATI-114522).
- 105-16 "Direct Observational Methods for the Determination of Swell Characteristics from Aircraft," June 1945, 8 p. (Formerly WD Report No. 965) (ATI-70921).
- 105-17 "Forecasting Tops of Non-Frontal Cumulus Clouds in Polar-Air Outbreaks Over the North Atlantic," [by AAF Research Weather Station, M.I.T.] September 1945, 44 p. (Formerly WD Report No. 971) (ATI-72846).
- 105-18 "Computation of Approximate Ballistic and Differential Ballistic Winds Over Japan by Use of the Wind at Bombing Altitude," May 1945, 4 p. (Formerly WD Report No. 882) (ATI-65129).
- 105-19 "Catalogue of Predictors Used in Local Objective Forecast Studies," by Capt Charles S. Cushman, 15 July 1960, 85 p. (AD-242217).
- 105-20 "The Relation Between Average Monthly Cloudiness and the Average Number of Clear and Cloudy Days," October 1942, 7 p. (Formerly WD Report No. 227) (ATI-65125).
- 105-25 "Studies of Length of Record Needed to Obtain Satisfactory Climatic Summaries for Various Meteorological Elements," 19 August 1943, 12 p. plus illus. (Formerly WD Report No. 588) (ATI-65128).
- 105-28 "Clouds of the Aleutian Islands," November 1943, 29 p. (Formerly WD Report No. 605) (ATI-72475).
- 105-29 "Interpretation of Weather Over the Pacific," [by Capt R. A. Dyke, et al.] June 1944 (Formerly WD Report No. 640) (ATI-72458).
- 105-32 "Forecasting and Related Problems in China," by Weather Division, Hq AAF, December 1944, 25 p. (Formerly WD Report No. 863) (ATI-91843).
- 105-33 "Synoptic Weather Associated with Rhine Floods," by Weather Division, Hq AAF, December 1944, 65 p. maps (Formerly WD Report No. 864) (ATI-65140).
- 105-34A-B "Weather and Climate of China - Parts A and B (Synoptic)," March 1945, 573 p. (Formerly WD Report No. 890A-B) (ATI-72446).
- 105-34C "Weather and Climate of China - Part C (Climatic)," March 1945, 69 p. (Formerly WD Report No. 890C) (ATI-72446).
- 105-35 "Regions in Germany of Orographic Lifting and Foehn with Northwesterly Gradient-Wind Flow and Regions of Orographic Lifting and Foehn with Southwesterly Gradient-Wind Flow," [by H. Flohn] June 1945, 2 p. plus maps (Formerly WD Report No. 894) (ATI-72894).
- 105-36A-B "A Preliminary Report on the Synoptic Aspects of the Climate of Japan," August 1945, Part I, 100 p., Part II, 145 p. (Formerly WD Report No. 639) (ATI-70924).

AWS Technical Reports

- 105-37 "Report on the Off-Season Operations of the Air Force Hurricane Office 1947-1948," [by Capt H. Ellsaesser] July 1948, 43 p. (ATI-59691) (PB-120356).
- 105-38 "Short Range and Extended Forecasting by Statistical Methods," [by G. P. Wadsworth, J. G. Bryan, and C. H. Gordon] February 1948, 202 p. (Printed as 105-37 in error) (ATI-65126) (PB-123220).
- 105-39 "Further Studies on Thunderstorm Conditions Affecting Flight Operations: Turbulence," [by Capt Fred Pope] March 1949, 31 p. (ATI-56149) (PB-123221).
- 105-40 "Report on the 1948-49 Post-Analysis Program of the AF Hurricane Office," [by Capt H. Ellsaesser] June 1949, 36 p. plus figs. (ATI-67051).
- 105-41 "Report on Project Albedo, Phase I," [by Capt Walter E. Warner] June 1949, 16 p. (ATI-94442).
- 105-42 "Report on Post-Analysis of Typhoons in the Western North Pacific 1947," July 1949, 32 p. (ATI-63797) (PB-123222).
- 105-43 "Report on the Typhoon Post-Analysis Program (1948-1949) of the North Pacific Typhoon Warning Service," August 1951, 60 p. (ATI-134899).
- 105-44 "Preliminary Correlations of the Synoptic and Winds Aloft Charts with High Winds on the Natal-Ascension Track," by TSgt A. W. Orr and Sgt S. Tomashefsky, 1945, 63 p. incl figs. (ATI-65137).
- 105-45 "Forecasting Summer Fog at Shemya," [by Capt Dale F. Leipper] by Weather Central, 11th Weather Region, 1 June 1945, 54 p. (ATI-65145).
- 105-46 "Aircraft Icing Over Northwest Europe," by 1st Lt H. Ashley, 21st Weather Squadron, 2 June 1946, 15 p. (ATI-65127).
- 105-47 "Notes on Mountain Meteorology," February 1946 (ATI-65142).  
Contents:  
"Briefing Aids Northwest Ferry Route," 33 p. plus illus.  
"Lee of the Mountain Trough," 39 p. plus charts.  
"Upper Air Techniques," 27 p. plus charts.  
"Forecasting in the Northwest Area," by Capt L. F. Haker, Regional Weather Central, 16th Weather Region, 33 p.  
"Forecasting in the Watson Lake Area," by Capt F. F. Hooper, Regional Weather Central, 16th Weather Region, 28 p.
- 105-48 "Study of Blowing Dust in the 19th Weather Region (North Africa-Middle East)," by Lt A. L. Sarvis, February 1945, 105 p. (ATI-65154).
- 105-49 "A Study of Harmattan Haze at Maiduguzi, Nigeria," by Capt Thomas P. Condron, December 1944, 13 p. (ATI-65153).
- 105-50 "The Meteorology of Central Africa," by Maj S. B. Solot, 19th Weather Region, November 1943, 130 p. incl figs., and revisions by author, November 1945 (ATI-65151).
- 105-51 "An Application of Kinematic Analysis to Tropical Weather," by Earl C. Kindle, May 1945, 46 p. (ATI-65134).
- 105-52 "Pilot Interviews: Composite Pirep of 7500 Trips Through the Equatorial Front," [by Capt Leo Alpert] by Research Section, 6th Weather Region, November 1944, 104 p. (ATI-65123).

AWS Technical Reports

- 105-53A "Forecasting Manual Tripoli to Karachi - Part One: October-November-December," [by Capt T. P. Condron, et al.] October 1944, by Research Section, 19th Weather Region, 94 p. (ATI-65143).
- 105-53B "Forecasting Manual Tripoli to Karachi - Part Two: January-February-March," by Research Section, 19th Weather Region, January 1945, 71 p. (ATI-65143).
- 105-53C "Forecasting Manual Tripoli to Karachi - Part Three: April-May-June," by Research Section, 19th Weather Region, April 1945, 68 p. (ATI-65143).
- 105-53D "Forecasting Manual Casablanca to Karachi - Part Four: July-August-September," by Research Section, 19th Weather Region, July 1945, 122 p. (ATI-65143).
- 105-54 "Analysis and Forecasting of Tropical Cyclones with Special Reference to the Atlantic Ocean," by Gordon E. Dunn, USWB, January 1944, reprinted by AAF Weather Wing, May 1944, 35 p. (ATI-65139).
- 105-55 "Probability of Cloud Obstructing Vision During Bombing Run," by Maj N. Allen Riley, 10 November 1944, 11 p. (ATI-65152).
- 105-56 "Rain-Cloud Weather Reports Associated with the Frontal Passage of 17-20 December 1943 in Panama," November 1944, 51 p. (ATI-65155). (Ditto - DTIC cannot reproduce.)
- 105-57 "Radar Storm Detection - Panama 1944," by 6th Weather Region, 1945, 122 p. (ATI-65133).
- 105-58 "Pressure Tendency as an Aid in Single-Station Forecasting for Tropical Areas," [by Lt George L. Landgren and Maj G. M. Leies] March 1945, 14 p. (ATI-65149).
- 105-59A "The Utilization of 500 Millibar Charts in Forecasting for the China Area-Spring Season," by Capt Robert B. Orton, June 1945, 6 p. plus charts (ATI-65144).
- 105-59B "The Paths and Characteristics of Migratory Anticyclones in Southeast Asia," by Capt Robert B. Orton, July 1945, 15 p. plus maps (ATI-83514).
- 105-60 "A Wave-Front Method of Minimal Flight Planning," by D. T. Perkins, October 1949, 7 p. plus illus (ATI-78584).
- 105-61 "An Analysis of the Sea Breeze in the Boston Area," [by AAF Research Weather Station, M.I.T., Maj William E. Klein, et al.] June 1945, 78 p. plus figs (ATI-73177).
- 105-62 "The Computation of Air Trajectories," [by Maj A. F. Gustafson] June 1950, 30 p. (ATI-84239).
- 105-65 "List of Stations Reporting Pressures Reduced to Datum other than Mean Sea Level, Synoptic Code," [by C. J. Callahan] 1 June 1958, 101 p. (AD-203353). (This report supersedes all previous issues and changes thereto.)  
Change AWS TR 105-65A, 8 August 1960.
- 105-66 "Thickness Evaluation Charts and Tables," December 1950, 12 p. (ATI-93532); Amendment #1, April 1951. (See TR 230, formerly AWSM 105-50/2) (PB-107769).
- 105-67 "The Frontology of North China," [by Capt Robert B. Orton] September 1945, 91 p. plus illus (ATI-83513).
- 105-68 "Dew Point Charts," January 1951, 5 p. plus charts (ATI-111292).

AWS Technical Reports

- 105-69 "Theory and Design of a Gradient Wind Scale," November 1950, 15 p. plus figs (ATI-92528).  
Change AWS TR 105-69A, 27 April 1951. (Reference copy is not available.)
- 105-70 "Comparison of Analogue Selection Methods," [by LtCol Rodney A. Jones] April 1961, 37 p. (ATI-104137).
- 105-71 "Report of Elmendorf (Alaska) Weather," January 1946, 38 p. (ATI-93006).
- 105-72 "Dew-Point - Relative Humidity Conversion Chart," April 1951, 5 p. (ATI-119241).
- 105-73 "Forecasting Fog in the Brahmaputra Valley," [by Lt D. E. Martin and Sgt P. W. Bauer] March 1951, 17 p. (ATI-98238).
- 105-75 "An Example of Easterly Wave Analysis in the Western Pacific July 8-10, 1945," [by Dr. Reid A. Bryson] March 1951, 11 p. plus figs (ATI-98239).
- 105-77 "Hurricanes of 1950: Narrative History of Each Storm and Comments on Hurricane Reconnaissance," July 1951, 90 p. plus maps (ATI-110565).
- 105-78 "Forecasting Typhoons of 1949 with Special Reference to the Use of Streamline Analysis," August 1951, 50 p. plus 39 charts (ATI-114511).
- 105-79 "Non-Frontal and Other Types of Thunderstorms in the Lee of the Rocky Mountains," [by Capt John B. Young] December 1945, 16 p. plus charts (ATI-114514).
- 105-82 "An Area Forecasting Study for the Southeastern United States," [by J. J. George, et al.] November 1951, 53 p. (ATI-122474).
- 105-83 "Notes on Forecasting for Re-supply Operations to Canadian Arctic Stations 1951," November 1951, 16 p. plus figs (ATI-122473).
- 105-84 "Wind Estimation from State of Sea Observations," February 1952, 12 p. (ATI-167313).
- 105-86 "Tropopause Analysis and Forecasting," [by Dr. George P. Cressman] March 1952, 31 p. (ATI-162082) (PB-139921).
- 105-87 "A Preliminary Evaluation of the Meteorological Worth of Sferics Data," March 1952, 18 p. (ATI-173319) (See AWS TR 105-102).
- 105-88 "Report on Task Force Weather Central Activities During Operation Greenhouse," March 1952, 24 p. plus Appendices (ATI-143061).
- 105-89 "Report on the Post Analysis of Typhoons in the Western North Pacific, 1950," April 1952, 27 p. plus 59 charts (ATI-143040).
- 105-91 "The Occurrence of Strong Winds at Thule," [by A. D. Belmont] May 1952, 7 p. plus illus (ATI-147201).
- 105-92 "Forecasting Winter Ceilings at Barksdale Air Force Base," [by LtCol R. C. Bundgaard, et al.] July 1952, 26 p. plus charts (ATI-157976).
- 105-93 "A Description of Some Methods of Extended-Period Forecasting," March 1954, 90 p. (AD-29380). (Also reprinted by US Weather Bureau, incl corrections in Change A.) (PB-114331).  
Change AWS TR 105-93A, October 1954.
- 105-94 "Some Important Weather Factors in B-47 Flight Operations," October (2d Rev) 1954, 18 p. (AD-59988).

AWS Technical Reports

- 105-95 "Forecasting Study for Turner Air Force Base," [by L. D. Roche, et al.] April 1953, 55 p. (AD-14211).
- 105-96 "Analysis and Wind Flow at the 50- and 25-mb Levels," [by Dr. A. Kochanski] May 1953, 76 p. (AD-17729).
- 105-98 (Rev) "Use of Geostrophic Distance in Analysis and Forecasting," [by Maj G. DeGiacomo] September 1954, 13 p. (AD-74309) (PB-115817).
- 105-99 "Tables for Computing Constant Absolute Vorticity Trajectories," [by H. Wobus, et al.] December 1952, 12 p. (AD-3774).
- 105-100/1 "Anomalies in the Northern Hemisphere 700-mb 5-Day-Mean Circulation Patterns," [by Maj Donald E. Martin] April 1956, 26 p. (AD-95566) (PB-123040).
- 105-100/2 "Atlas of 700-mb Five-Day-Mean Northern Hemisphere Anomaly Charts," July 1955 (to accompany AWS TR 105-100/1) (AD-95567) (PB-122242).
- 105-101 (Rev 2) "Memorandum on Density-Altitude," September 1957 (AD-145387) (PB-143289).
- 105-102 "The AWS Sferics Evaluation Project (1951)," [by Capt C. E. Jensen] August 1954, 152 p. (AD-43882) (PB-115496).
- 105-105 "Memorandum on Construction of a Device for Measuring Contour Curvature," March 1953, 5 p. (AD-5201).
- 105-107 "Mean Monthly Maps of 300-, 200-, 100-, 50-, and 25-mb Surfaces Over North America," [by Dr. Adam Kochanski] April 1953 (AD-13056).
- 105-108 "Temperatures at the 10-mb (101,000-Foot) Level," [by Dr. Adam Kochanski] May 1953, 33 p. (AD-20871) (PB-113343).
- 105-109 Extract 1 "Forecasting Sudden 700-mb Height Changes in Key Areas," [by Maj A. Ehrlich] April 1953, 4 p. (AD-30340).
- 105-110 "Memorandum on Estimating the Height of Cirrostratus Clouds," [by H. Appleman] June 1953, 8 p. (AD-21743).
- 105-110A "Test of Method for Estimating the Height of Cirrostratus Clouds," [by H. Appleman] January 1957, 7 p. (AD-129546).
- 105-114 "Wind Extrapolation Device (AWS-WPC-10-4)," [by Maj G. DeGiacomo] November 1953, 10 p. (AD-22231) (PB-129538).
- 105-115 "Mean Cross Sections Along 80°W," [by Dr. Adam Kochanski] (No. 5 in a Series of Background Reports for AWS Manual 105-50 - now TR 228 through 230), February 1955, 39 p. (AD-72873) (PB-117299).
- 105-116 "Tables for Computing Horizontal Distance of Pilot Balloons (30 Gram) for Use with the ML-462()/UM-Nozzle," November 1953, 121 p. (Reprint of USWB Tables.)
- 105-117 "Tables for Computing Horizontal Distance of Pilot Balloons (100 Gram) for Use with the ML-462()/UM-Nozzle," November 1953, 180 p. (Reprint of USWB Tables.)
- 105-120 "An Introduction to Numerical Weather Prediction," [by LtCol P. D. Thompson] November 1954, 28 p. (AD-55556) (PB-116627).
- 105-121 "Winds Over 100 Knots in the Northern Hemisphere," [by Maj Frank W. Murray] January 1955, 67 p. (AD-60095) (PB-117015).
- 105-124 "1951 Annual Report of Typhoon Post-Analysis Program," August 1954, 77 p. Text, Charts (AD-38469).

AWS Technical Reports

- 105-125 "1952 Annual Report of Typhoon Post-Analysis Program," August 1954, 43 p. Text, Charts (AD-38468).
- 105-126 "Memorandum Effect of Engine Power Setting on Contrail Formation and Intensity," [by H. Appleman] August 1954, 6 p. (AD-74310).
- 105-127 "Weather Information from B-47 Flights," [by Dr. K. R. Johannessen] October 1955, 37 p. (AD-104611) (PB-119006).
- 105-128 "Mean Contours, Isotachs, and Isotherms Over the Northern Hemisphere at the 300-, 200-, and 100-mb Levels (January, February, July, and August 1949)," [by Dr. Adam Kochanski] (No. 7 in a Series of Background Reports for AWSM 105-50 - now TRs 228 through 230), November 1954 (AD-100947) (PB-116671).
- 105-129 "Thermal Structure and Vertical Motion in the Lower Stratosphere," [by Dr. Adam Kochanski] (No. 8 in a Series of Background Reports to AWSM 105-50 - now TRs 228 through 230), December 1954, 36 p. (AD-79472) (PB-116793).
- 105-130 "A Compendium on Cirrus and Cirrus Forecasting," by Robert G. Stone, March 1957, 156 p. (AD-141546) (PB-132399).
- 105-131 "Fjørtoft's Graphical Method for Preparing 24-Hour 500-mb Prognostic Charts," [by Dr. K. R. Johannessen] April 1955, 11 p. (AD-79448) (PB-1'8042).
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AWS Technical Report

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CP-0001	Heating degree days	1WW	Kephart	TI
CP-0002	Artymet dew points	1WW	TSgt Sanders	TI
CP-0003	Altitude & Azimuth	5WW	Charles R. Elliot	TI
CP-0004	Moonrise-Moonset	5WW	Charles R. Elliot	TI
CP-0005	Sunrise/Sunset/Twilight	5WW	Charles R. Elliot	TI
CP-0006	Tide Conversions	5WW	Col Juri V. Nou	TI-59
CP-0007	Temperature dew point operations	ATC	Marc C. Levine	TI-59
CP-0008	Severe weather indicies	ATC	Marc C. Levine	TI-59
CP-0009	Solar bore sighting	ATC	Marc C. Levine	TI-59
CP-0010	Thickness computations	ATC	Marc C. Levine	TI-59
CP-0011	Precipitable water	ATC	Marc C. Levine	TI-59
CP-0012	Tidal departure	ATC	Marc C. Levine	TI-59
CP-0013	Wind chill	ATC	Marc C. Levine	TI-59
CP-0014	Radar echo movement	ATC	Marc C. Levine	TI-59
CP-0015	Reducing pibal wind data	7WW	R. A. Chamberlin	TI-59
CP-0016	Determining curvilinear distance outs (CDO)	AFSC/WE	John R. Elrick	TI- 58/59
CP-0017	TV Hypso	USAFETAC/ENA	--	HP-97
CP-0018	I, J-LAT, LON conversions	USAFETAC/ENA	Capt Chary	HP-97
CP-0019	Thunderstorm rain	USAFETAC/ENA	--	HP-97
CP-0020	Pressure-density-height relations	USAFETAC/ENA	Capt Chary	HP-97
CP-0021	Relative humidity and V.A. fine digit group	USAFETAC/ENA	Capt Chary	HP-97
CP-0022	Auraob refractive index	USAFETAC/ENA	Capt Chary	HP-97
CP-0023	Refractive index (N&M, B)	USAFETAC/ENA	Capt Chary	HP-97
CP-0024	ALSTG-STN Press	USAFETAC/ENA	--	HP-97
CP-0025	Clock-hour rainfall rates	USAFETAC/ENA	--	HP-97
CP-0026	Layer winds	USAFETAC/ENA	--	HP-97
CP-0027	Density altitude	USAFETAC/ENA	Capt Chary	HP-97
CP-0028	D Summary Conversion program	USAFETAC/ENO	Capt Goetz	TI-SR-52
CP-0029	RMSE-X	--	Capt Ingle	TI-SR-52

Hand Calculator Programs in AWSTL (USAFETAC)

<u>Classifi- cation No.</u>	<u>Title</u>	<u>Source</u>	<u>Author</u>	<u>Type of Calculator</u>
CP-0030	3D DEG GRP	--	Capt Ingle	TI-SR-52
CP-0031	SEC OB Mean ALTMR	--	Capt Goetz	TI-SR-52
CP-0032	Conversion to equivalent normal development	--	Capt G. O'Connor	TI-SR-52
CP-0033	Clock-hour rains - Gulf of Mexico	USAFETAC/ENA	--	HP-97
CP-0034	Solar altitude	--	--	TI- 58/59
CP-0035	Absolute humidity and virtual temperature program	AFSC/NE	--	TI-59
CP-0036	Computation of percent illumination from day of phase	USAFETAC/DND	--	TI-59

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81/001 "A Technique for Forecasting Heavy Precipitation in the Southeast United States." 5 February 1981.



7WV Forecaster Memos

81/002

"Weather Warning Support Index." 1 June 1981.

7WW Technical Indexes

80/002 "Retention Guide for AWS Technical Reports." 31 March 1980.  
80/003 "Retention Guide for AWS Technical Notes." 31 March 1980.  
80/004 "Retention Guide for USAFETAC Technical Notes." 31 March 1980.  
80/005 "Index of Unpublished Non-Standard Paratroop Climo Summaries." 15 April  
1980.  
81/001 "Index of Follow-On Training (FOT) Aids." 15 January 1981.  
81/002 "Index of Films, Briefings, and Other Training Aids Available for Loan."  
1 February 1981.  
81/003 "Technical Information Available for Mobility Training." 10 March 1981.  
81/004 "Index of 7WW Technical Publications and Publications of Other Wings and  
Agencies Distributed to 7WW Units." 30 April 1981.

SECTION I: TERMINAL FORECAST REFERENCE NOTEBOOKS

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 \*  
 \* NOTE: The Terminal Forecast Reference Notebooks \*  
 \* listed here are filed in the AWS Technical \*  
 \* Library. If the date noted for your TFRN \*  
 \* is not the correct one, please send a copy \*  
 \* of the current publication to USAFETAC/TS, \*  
 \* Scott AFB IL 62225. \*  
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<u>STATION/LOCATION</u>	<u>UNIT</u>	<u>DATE</u>	<u>AD NUMBER</u>
ADAK N.S., AK	NWSED	MAY 79	
AGANA NAS, GUAM	NWSED	1 NOV 69	
ALAMEDA NAS, CA	FWF	JAN 72	
ALCONBURY RAF, ENG CH 3	DET 36, 31WS	30 JAN 80	
ATLANTA NAS, GA	NWSED	15 APR 66	
ATSUGI NAS, JAPAN	NWSED	1 APR 68	
ALTUS AFB, OK CH 1	DET 4, 7WW	15 OCT 78	
ANDERSEN AFB, GUAM CH 5	DET 2, 1WW	20 FEB 71 7 JUN 79	
BARBERS PT NAS, HI	NWSED	30 APR 76	
BARKSDALE AFB, LA CH 2	26WS, 3WW	2 SEP 76	
BEALE AFB, CA CHs 1-4 CH	DET 11, 9WS	17 MAY 79	
BEAUFORT MCAS, SC	WEATHER SERVICES DIV	9 JAN 80	
BERGSTROM AFB, TX	DET 10, 15WS, 5WW	15 APR 78	
BERMUDA NAS	NWSED	1 OCT 72	
BITBURG AB, GER	2WW	FEB 81	AD-A094908
BRUNSWICK NAS, ME	NWSED	1 MAR 72	
BUCKLEY FLD, CO CHs 1-2 CH 3	DET 29, 25WS, 5WW	19 JAN 79	
CARSWELL AFB, TX CH 1	DET 22, 26WS	31 JAN 75	
CASTLE AFB, CA	DET 29	(no date)	
CECIL FLD NAS, FL	NWSED	15 JAN 76	

## Terminal Forecast Reference Notebooks

<u>STATION/LOCATION</u>	<u>UNIT</u>	<u>DATE</u>	<u>AD NUMBER</u>
CHARLESTON AFB, SC CH 1 CH 3	DET 37	27 JUL 79	
CHARLESTON NAS, SC	NWSED	10 DEC 76	
CHASE FLD NAS BEEVILLE, TX	NWSED	17 APR 70	
CLARK AFB, PI	DET 5, 1WW	17 JAN 79	
COLUMBUS AFB, MS	DET 2, 24WS	1 JUN 77	
CORPUS CHRISTI NAS, TX	NWSED	1 SEP 79	
CUBI PT, PI	NWSED	1 JUL 71	
DALLAS NAS, TX	NWSED	15 AUG 78	
DAVIS-MONTHAN AFB, AZ	DET 13, 25WS, 5WW	FEB 79	
DETROIT NAF, MI	NWSED	30 JUN 78	
DIEGO GARCIA NAS	NWSED	1 APR 77	
DOBBINS AFB, GA CH 1	3WS	16 SEP 77	
DOVER AFB, DE CH 2	DET 5, 7WW	1 MAY 78	
DYESS AFB, TX CH 3	DET 16, 3WW	20 NOV 74	
EIELSON AFB, AK	DET 2, 11WS	JAN 74	
ELLINGTON AFB, TX CHs 1-6 CH 7	DET 28, 15WS	15 AUG 76	
ELLSWORTH AFB, SD	DET 17, 9WS	6 JAN 76	
EL TORO MCAS, SPAIN	WEATHER SERVICES DIV	1 JUN 77	
FAIRCHILD, WA		DEC 78	
FALLON NAS, NV	NWSED	8 MAR 76	
FORT BELVOIR, VA	DET 2, 5WS	JAN 75	
FORT BENNING, GA	DET 10, 5WS	15 DEC 77	
FORT CAMPBELL, KY	DET 1, 5WS	1 AUG 77	
FORT CARSON, CO	DET 58, 5WS	31 JAN 75	
FORT EUSTIS, VA CH 2	DET 13, 16WS	8 APR 78	

Terminal Forecast Reference Notebooks

<u>STATION/LOCATION</u>	<u>UNIT</u>	<u>DATE</u>	<u>AD NUMBER</u>
FORT HOOD, TX CH 6	DET 14, 5WS	10 NOV 79	
FORT KNOX, KY CH 9	DET 5, 5WS	10 AUG 79	
FORT LEWIS, WA CH 2	DET 6, 5WS	15 JUN 79	
FORT ORD, CA CH 2	DET 7, 5WS	7 AUG 78	
FORT POLK, LA CH 1 CH 2	DET 31, 5WS	29 OCT 79	
FORT RICHARDSON, AK		MAY 79	
FORT RILEY, KS	DET 8, 5WS	16 JAN 78	
FORT RUCKER, AL CH 4	DET 9, 5WS	1 NOV 78	
FORT WAINWRIGHT, AK	OL-A, DET 4, 11WS	SEP 77	
FUTEMA MCAS, OKINAWA	WEATHER SERVICES DIV	1 JAN 81	
GEORGE AFB, CA CHs 1-9 CH 23	DET 12, 25WS	17 JAN 78	
GLENVIEW NAS, IL	NWSF	4 JAN 77	
GRAND FORKS AFB, NC	DET 15, 3WW	10 MAY 79	
GRISSOM AFB, IN CH 1	DET 26, 3WW 26WS	12 MAY 76	
GUAM IS. (JOINT TYPHOON WARNING CENTER)	FLEET WEATHER CENTRAL	FEB 78	
GUANTANAMO BAY NAS, CUBA	NWSED	DEC 78	
HICKAM AFB, HI	DET 4, 1WW	1 OCT 77	
HILL AFB, UT CH 1	DET 6, 15WS	31 OCT 78	
HOMESTEAD AFB, FL	DET 6, 3WS	1 JAN 75	
HOWARD AFB, CZ	DET 25, 5WW	14 NOV 79	
HUNTER AAF, GA	DET 21, 5WS	1 AUG 79	
HURLBURT FLD, FL	DET 75, 3WS	JUN 72	
IWAKUNI MCAS, JAPAN	WEATHER SERVICES DIV	1 APR 72	
JACKSONVILLE NAS, FL	NOCD	MAR 80	
KADENA NAF, OKINAWA	WEATHER SERVICES DIV	31 MAR 78	
KEESLER AFB, MS CH 1	DET 22, 24WS	12 OCT 78	

Terminal Forecast Reference Notebooks

<u>STATION/LOCATION</u>	<u>UNIT</u>	<u>DATE</u>	<u>AD NUMBER</u>
KEFLAVIK FWF, ICELAND	N OCD	1 NOV 80	
KELLY AFB, TX	DET 7, 15WS	15 DEC 78	
KEY WEST NAS, FL	NWSED	15 JAN 77	
KINGSVILLE, TX	NOCF	MAR 80	
KIRTLAND AFB, NM	DET 23, 7WW	14 SEP 78	
LAJES FLD, AZORES	DET 19, 7WW	APR 78	
LAKEHURST, NJ	NWSED	SEP 79	
LAUGHLIN AFB, TX	DET 20, 24WS	15 JUN 78	
LEMOORE NAS, CA	NWSED	JAN 77	
LITTLE ROCK AFB, AR	DET 20, 7WS	7 JUN 79	
LOCKBOURNE AFB, OH	DET 3, 8WS	NOV 61	
LORING AFB, ME	DET 4, 8WS	JUN 74	
LOWRY AFB, CO	DET 6, 24WS	1964	
LUKE AFB, AZ		1 JUL 57	
MACDILL AFB, FL CH 1	DET 32, 3WS	12 OCT 78	
MALMSTROM AFB, MT CH 3	DET 3, 12WS	5 SEP 77	
MARCH AFB, CA CH 1	DET 7, 9WS	22 AUG 78	
MARTIN-MARIETTA AFLD, MD	DET 1, 7WW	24 JUL 78	
MATHER AFB, CA	DET 7, 24WS	10 MAY 78	
MAXWELL AFB, AL CH 2	DET 9, 24WS	1 NOV 79	
MAYPORT NAS, FL	NWSED	15 JAN 78	
McCHORD AFB, WA	DET 11, 7WW	1 JUL 78	
McCLELLAN AFB, CA	DET 8, 15WS	15 SEP 78	
McCONNELL AFB, KS	DET 23, 26WS	1 JAN 75	
McGUIRE AFB, NJ	DET 10, 7WW	1 JAN 78	
MEMPHIS NAS, TN	NWSED	1 MAY 78	
MERIDIAN NAS, MS	NWSED	17 APR 79	
MIDWAY ISLAND NS	NWSED	1 MAR 75	
MINOT AFB, ND CH 15	DET 21, 3WW	23 DEC 75	
MIRAMAR NAS, CA	NWSED	JAN 77	

Terminal Forecast Reference Notebooks

<u>STATION/LOCATION</u>	<u>UNIT</u>	<u>DATE</u>	<u>AD NUMBER</u>
MOFFETT FLD NAS, CA	NWSED	1 MAY 74	
MOODY AFB, GA CH 1	DET 23, 3WS	22 FEB 78	
MOUNTAIN-HOME AFB, ID CH 4	DET 18, 25WS	9 NOV 79	
MYRTLE BEACH AFB, SC CH 3	DET 3, 3WS	25 JUL 79	
NELLIS AFB, NV CH 12	DET 16, 5WW	27 JUN 79	
NEW ORLEANS, LA	NWSED	1 APR 79	
NEW RIVER MCAS, NC (JACKSONVILLE)	WEATHER SERVICES DIV	APR 80	
NORFOLK NAS, VA	FWC	JAN 72	
NORTH ISLAND NAS SAN DIEGO, CA	NOCF	1 SEP 80	
NORTON AFB, CA	DET 14, 7WW	JAN 74	
OFFUTT AFB, NE CH 4	DET 1, 3WW	18 JUL 78	
OSAN AB, KOREA	DET 15, 30WS	4 MAR 77	
OTIS AFB, MA	DET 12, 12WS	15 JAN 73	
PATUXENT RIVER NAS, MD	NOCD	19 JAN 81	
PEARL HARBOR, HI	FWC	4 FEB 75	
PEASE AFB, NH	DET 6	NOV 74	
PENSACOLA NAS, FL	NWSED	1 NOV 80	
PETERSON AFB, CO	DET 6, 12WS	4 FEB 77	
PLATTSBURGH AFB, NY	DET 7, 8WS	FEB 69	
POPE AFB, NC	DET 21, 15WS	1 MAR 75	
RAMEY AFB, PR	DET 20, 15WS	SEP 72	
RANDOLPH AFB, TX CH 3	DET 1, 24WS	2 OCT 78	
REESE AFB, TX CH 1	DET 11, 24WS	28 SEP 79	
RICHARDS GEBUR AFB, MO	DET 12, 7WW	JAN 77	
RICKENBACKER AFB, OH CH 1	DET 18, 26WS	23 SEP 79	
ROBBINS AFB, GA	DET 13, 15WS	15 JUL 78	
ROOSEVELT ROADS NAS, PR	NWSED	MAY 74	
ROTA NAS, SPAIN	FWC	13 JAN 76	

Terminal Forecast Reference Notebooks

<u>STATION/LOCATION</u>	<u>UNIT</u>	<u>DATE</u>	<u>AD NUMBER</u>
SAN DIEGO, CA	NWS FACILITY	1 SEP 77	
SANTA ANA MCAS, CA	WEATHER SERVICES DIV	MAY 66	
SCOTT AFB, IL	7WW/WX	JAN 72	
SELFRIDGE AFB, MI CH 1	DET 12, 3WS	16 AUG 78	
SEYMOUR-JOHNSON AFB, NC CH 2	DET 2, 3WS	17 MAY 79	
SHAW AFB, SC CH 4	DET 1, 3WS	15 JAN 80	
SHEPPARD AFB, TX CH 5	DET 12, 24WS	7 OCT 78	
SIGONELLA NAF, ITALY	NOCD	7 NOV 80	
SOUTH WEYMOUTH NAS, MA	NOCD	1 NOV 79	
SPANGDAHLEM, GER CH	DET 11, 31WS	JUN 79 5 NOV 80	
STUTTGART, GER		10 DEC 79	
SUITLAND, MD	FWF	(no date)	
TINKER AFB, OK	DET 1, 15WS	OCT 78	
TRAVIS AFB, CA	DET 2, 7WW	(no date)	
TYNDALL AFB, FL		JUL 73	
VANCE AFB, OK CH 1	DET 15, 24WS	1 AUG 79	
VIRGINIA BEACH, VA (NAS OCEANA)	NWSED	1 MAR 78	
WHEELER AFB, HI CH 7	DET 7, 1WW	18 DEC 79	
WHIDBEY ISLAND NAS, WA	NWSED	1 JUL 77	
WHITEMAN AFB, MO	DET 19, 8WS	SEP 68	
WILLOW GROVE, PA	NWSED	JUL 79	
WRIGHT AAF, GA	DET 19, 4WS	1 JUN 75	
WRIGHT-PATTERSON AFB, OH	DET 15, 15WS	1 SEP 78	
WURTSMITH AFB, MI CH 2	DET 28, 26WS	7 MAY 76	
YOKOSUKA NAS, JAPAN	NOCF	FEB 81	
YOKOTA AB, JAPAN CH 1	DET 17, 30WS	27 MAR 78	



Terminal Forecast Reference Notebooks

<u>STATION/LOCATION</u>	<u>UNIT</u>	<u>DATE</u>	<u>AD NUMBER</u>
YONGSAN AI, KOREA	DET 18, 30WS	(no date)	AD-A079901)
YUMA MCAS, AZ	WEATHER SERVICES DIV	15 APR 80	
ZARAGOZA, SPAIN	DET 16, 31WS	2 MAR 81	

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