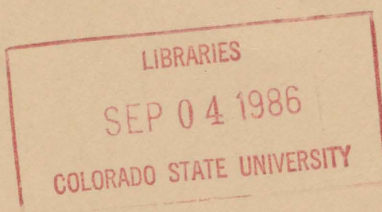


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LIST OF THESES AND DISSERTATIONS
COLORADO STATE UNIVERSITY
DEPARTMENT OF ATMOSPHERIC SCIENCE



ATMOSPHERIC SCIENCE
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**DEPARTMENT OF ATMOSPHERIC SCIENCE
COLORADO STATE UNIVERSITY
FORT COLLINS, COLORADO**

LIST OF THESES AND DISSERTATIONS
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<u>Year</u>	<u>Author</u>	<u>Title</u>	<u>M.S.</u>	<u>Ph.D.</u>	<u>Call No.</u>	ASP* <u>Call No.</u>
1963	Rasmussen, James L.	Some Aspects of the Monthly Atmospheric Circulation Affecting Monthly Precipitation Over the Colorado River Basin.	X		QC925.1 U637	QC851 C62 no. 46
1964	Bergen, James D.	The Thermal Regime of a Mountain Snow Cover.	X		Folio GB2405 B47 Morg.Lib.	QC 869.4 1982 146 C18 ATSL
1964	Mahlman, Jerry	Relation of Stratospheric-Tropospheric Mass Exchange Mechanisms to Surface Radioactivity Peaks.	X		QC880 M34	
1965	Auer, August H., Jr.	The Vertical Distribution of Aitken Nuclei in the Vicinity of Fort Collins, Colorado.	X		QC918 A84	QC851 C62 no. 68
1965	Ollman, Ralph H.	Cloud Formation and Storm Movement Over the Little South Cache la Poudre Watershed	X		Folio QC921 043 Morg.Lib.	
1966	Bean, Bradford R.	Radio Studies of Atmospheric Water Vapor.		X	QC915 B43 Morg.Lib.	
1966	Beran, Donald W.	Large Amplitude Lee Waves and Chinook Winds	X		Folio QC939 F6B4 Morg.Lib.	QC851 C62 no. 75
1966	Connell, James R.	A Transient State of a Wave in the Easterlies.	X		GC225 C65 Morg.Lib.	
1966	Djordjevic, Nenad	Denver Air Pollution Study with Air Trajectories.	X		TD883.5 C6D56 Morg.Lib.	QC851 C62 no. 105

*ASP - Atmospheric Science Paper

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1966	Figgins, Everett D.	Weather Pattern Recognition from TIROS Pictures Over Southeast Asia.	X		QC871 F54	
1966	Mahlman, Jerry D.	Atmospheric General Circulation and Transport of Radioactive Debris.		X	QC913 M34	QC851 C62 no. 103
1967	Bergen, James D.	Some Aspects of Cold Air Drainage on a Forested Slope.		X	QC903 B47	
1967	Finklin, Arnold I.	Precipitation and Runoff Characteristics of the Sacramento Basin.	X		QC925.1 U8C24	
1967	Foltz, Harry P.	Prediction of Clear Air Turbulence.		X	QC880 F65	QC851 C62 no. 106
1967	Furman, Roland W.	Radar Characteristics of Wintertime Storms in the Colorado Rockies.	X		QC973.5 F87	QC851 C62 no. 112
1967	Hindman, Edward E.	Snow Crystal and Ice Nuclei Concentrations in Orographic Snowfall.	X		QC929 S7H5 Morg.Lib.	QC851 C62 no. 109
1967	Mendenhall, Bruce R.	A Statistical Study of Frictional Wind Veering in the Planetary Boundary Layer	X		QA276 M45 Morg.Lib.	QC851 C62 no. 116
1967	Rainbird, Allan F.	Some Hydrometeorological Aspects of Flood Flows in the Lower Mekong River, Southeast Asia.	X		GB1344 M4R3	
1968	Barchet, William R.	The Sessile Drop as a Heterogeneous Nucleation Embryo.	X		QC918 B37 Morg.Lib.	QC851 C62 no. 123

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1968	Black, Robert E.	A Synoptic Climatology of Blizzards on the North Central Plains of the United States.	X		QC959 U5B5	
1968	Chappell, Charles F.	Cloud Seeding Opportunity Recognition	X		QC929 R1C48 Morg.Lib.	QC851 C62 no. 118
1968	Dankwa, Joseph B.	Some Aspects of Precipitation Occurring in Summer Disturbances Over Southeast Asia.	X		QC925.5 D35	
1968	Elsberry, Russell L.	A High-Rotation General Circulation Model Experiment with Cyclic Time Changes.		X	QC880 E43	QC851 C62 no. 134
1968	Grossman, Robert L.	An Investigation of Water Surface Temperature by an Airborne Infrared Radiometer: Lake Hefner, Oklahoma.	X		QC909 G76	QC851 C62 no. 119
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1968	Rasmussen, James L.	Atmospheric Water Balance of the Upper Colorado River Basin.		X	GB665 R37	QC851 C62 no. 121
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1968	Sartor, James W.	Monthly Climatological Wind Fields Associated With Tropical Storm Genesis in the West Indies.	X		QC857 W4S37	
1968	Wachtmann, Ronald F.	Role of Angular Momentum Transports in Tropical Storm Dissipation Over Tropical Oceans.	X		QC857 T7W3	

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1968	Walts, Dennis S.	Transport Processes During Stratospheric Warming and Cooling Episodes.	X		QC879 W35 Morg.Lib.	
1969	Fischer, Robert E.	Remote Sensing of Hail and Hail Growth in Convective Clouds.	X		QC929 H1F5 Morg.Lib.	QC851 C62 no. 141
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1969	Sopka, Robert J.	Remote Infrared Detection of Uranium Ore Bodies.	X		QC331 S67 Morg.Lib.	QC851 C62 no. 144
1969	Wills, Thomas G.	Characteristics of the Tornado Environment as Deduced from Proximity Soundings.	X		QC955 W56 Morg.Lib.	QC851 C62 no. 140
1970	Bertolin, Gary E.	A Climatology of the Pawnee National Grassland.	X		QC984 C6B47 Morg.Lib.	

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1970	Brown, Stanely R.	Terminal Velocities of Ice Crystals.	X		QC920 B76 Morg.Lib.	QC851 C62 no. 170
1970	Chappell, Charles F.	Modification of Cold Orographic Clouds.		X	QC929 R1C482 Morg.Lib.	QC851 C62 no. 173
1970	Dirks, Richard A.	A Theoretical Investigation of Convective Patterns in the Lee of the Colorado Rockies.		X	QC880 D57	QC851 C62 no. 154
1970	Hadley, Donald L.	Precipitation Patterns in a Cyclone.	X		QC925.1 U48 Morg.Lib.	QC851 C62 no. 157
1970	Hjermstad, Larry	The Influence of Meteorological Parameters on the Distribution of Precipitation Across Central Colorado Mountains.	X		QC925.1 U8C65	QC851 C62 no. 163
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1970	Simons, Theodorus J.	The Nonlinear Dynamics of Cyclone Waves.		X	QC880 S56 Morg.Lib.	QC851 C62 no. 162

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1970	Stankov, Borislava V.	Some Characteristics of Turbulence in the Lower 200 Feet of the Atmosphere.	X		QC880 S7	
1970	Williams, Knox T.	A Statistical Analysis of Satellite-Observed Trade Wind Cloud Clusters in the Western North Pacific.	X		QC921 W56 Morg.Lib.	QC851 C62 no. 161
1970	Wooldridge, Gene L.	Vertical Momentum Transport Over Mountainous Terrain.		X	QC175.2 W67 Morg.Lib.	QC851 C62 no. 164
1971	Balick, Lee K.	A Study of Orographic Clouds.	X		QC921 B35 Morg.Lib.	
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1971	Ramanathan, Nagaswamy	A Study of the Nongeostrophic Barotropic-Baroclinic Instability Problem.	X		QC880 R35 Morg.Lib.	

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1971	Sikula, Gerald J.	ATS III Data as a Forecasting Aid.	X		QC995 S53 Morg.Lib.	
1972	Abbey, Robert F.	Spectra of Atmospheric Motions in the Upper Troposphere and Lower Stratosphere Over North America and Australia: Experimental Results and Theoretical Considerations.	X		QC866 A23 Morg.Lib.	QC851 C62 no. 211
1972	Almeyda, Guillermo F.	Surface Energy and Water Budget Over Grassland.	X		QH541.5 P7A42 Morg.Lib.	
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1972	Lovill, James E.	The Global Distribution of Total Ozone as Determined by the NIMBUS III Satellite Interferometer Spectrometer.		X	QC881 L68 Morg.Lib.	QC851 C62 no. 180

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1972	Mata, Martha	Modeling Venezuelan Weather Systems.	X		QC857 V4M3 Morg.Lib.	
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1972	Webb, Willis L.	Atmospheric Neutral-Electrical Interaction.		X	QC961 W42	
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1973	Connell, James R.	Entrainment by Turbulent Jets of Air.		X	QC880 C65	

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1973	Dahl, David A.	The Washout of Atmospheric Lead.	X		TD887 L4D3	
1973	Dugan, Frank J.	Convective Changes in Heat and Moisture Structure of the Cumulus Sub-Cloud Layer.	X		QC921.5 D84 Morg.Lib.	QC851 C62 no. 205
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1973	Maddox, Robert A.	A Study of Tornado Proximity Data and an Observationally Derived Model of Tornado Genesis.	X		QC955 M34 Morg.Lib.	QC851 C62 no. 212
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1973	Novlan, David J.	Hurricane Spawned Tornadoes.	X		QC955 N68	QC851 C62 no. 200
1973	Reinking, Roger F.	Empirical Assessment of Accretion Microphysics.		X	QC921.5 R45	
1973	Reynolds, David W.	Absorption of Solar Radiation in the Tropics and its Effects on Mesoscale Weather Activity.	X		QC911 R49	QC851 C62 no. 210
1973	Wetzel, Peter J.	Moisture Sources and Flow Patterns During the Northeast Colorado Hail Season.	X		QC921.5 U8C683	
1974	Adler, Robert F.	A Comparison of the Structure and Flow Characteristics of the Upper Troposphere and Stratosphere of the Northern and Southern Hemispheres.		X	QC880.4 A8A3 Morg.Lib.	QC851 C62 no. 216
1974	Albrecht, Bruce A.	The Large Scale Response of the Tropical Atmosphere with Radiative Heating.	X		QC911 A42 Morg.Lib.	QC851 C62 no. 215
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1974	Henmi, Teizi.	Secondary Ice Particle Production from Rimed Ice.		X	QC920 H45 Morg.Lib.	QC851 C62 no. 220

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1974	Henz, John F.	Colorado High Plains Thunderstorm Systems.	X		QC973.5 H45	
1974	Loranger, David C.	Convective Cloud Ring Structures in the Tropical Atlantic.	X		QC921 L67	
1974	MacDonald, Bruce C.	Stratospheric Flow and Solar Variability.	X		QC880 M314 Morg.Lib.	QC851 C62 no. 223
1974	Moore, Douglas A.	Diagnostic Tests of Models for the Thermal Structure of the Non-Precipitating Convective Boundary Layer.	X		QC921.5 M67 Morg.Lib.	QC851 C62 no. 217
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1975	Danielson, Kelvin S.	Continental Mountain Cumulus Clouds.	X		QC921.43 C8D3 Morg.Lib.	
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1975	Stobie, James G.	Gravity Shear Waves Atop the Cirrus Layer of Intense Convective Storms.	X		QC942 S7 Morg.Lib.	QC851 C62 no. 246
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1976	Reid, John D.	Dispersion in a Mountain Environment.		X	QC880.4 T8R4 Morg.Lib.	QC851 C62 no. 253
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1977	Butchko, Joseph J.	A Diagnostic Case Study of the 9-11 August Period During GATE.	X		QC993.5 B87 Morg.Lib.	QC851 C62 no. 288
1977	Carney, Mark V.	An Analytical Technique for the Analysis of Atmospheric Lead Alkyls.	X		QC879.6 C375 Morg.Lib.	

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1977	Davis, John M.	Solar Absorption in Clouds of Finite Horizontal Extent.	X		QC911 D3 Morg.Lib.	QC851 C62 no. 282
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1977	Glendening, John W.	Aeolian Transport and Vegetative Capture of Particulates.	X		QC882 G4 Morg.Lib.	QC851 C62 no. 310
1977	Griffith, Keith T.	Radiative Properties of Clouds Inferred from Broadband Measurements.	X		QC921.5 G75 Morg.Lib.	QC851 C62 no. 269
1977	Hack, James J.	Numerical Experiments with an Axisymmetric Tropical Cyclone Model.	X		QC942 H32	QC851 C62 no. 263
1977	Katen, Paul C.	Modeling Atmospheric Dispersion of Lead Particulates from a Highway.		X	TK887 L4K38	
1977	Kleespies, Thomas J.	Observations of Stratospheric Thermal Structure from Satellites.	X		QC879.5 K4 Morg.Lib.	
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1977	McGuirk, James P.	Fluctuations in the Atmosphere's Energy Cycle.		X	QC880.4 A8M3 Morg.Lib.	

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1977	Mower, Richard	Case Study of Convection Lines During GATE.	X		QC880.4 A8M6 Morg.Lib.	QC851 C62 no. 271
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1977	Negri, Andrew J.	Satellite Observations of the Onset and Growth of Severe Local Storms.	X		QC968 N43	QC851 C62 no. 278
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1977	Silva Dias, Pedro	Experiments with the Arakawa-Schubert Cumulus Parameterization Theory.	X		QC880.4 A8S54 Morg.Lib.	QC851 C62 no. 275

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1981	Sorenson, Roger L.	Cloud and Insolation Climatology for Selected Colorado Stations.	X		QC911.82 U62S67 Morg.Lib.	

1982 Graduate

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Spring 1982	Love, Geoff	(Gray)		X		
1982	Klitch, Margie	(Vander Hart)	X			
1982	Matthews, David A.	(Cotton)		X		
1982	Merrill, Robert T.	(Gray)	X			
1982	Reinke, Donald L.	(Vander Hart)	X			

