

1971

Industrial Resources: Carter County

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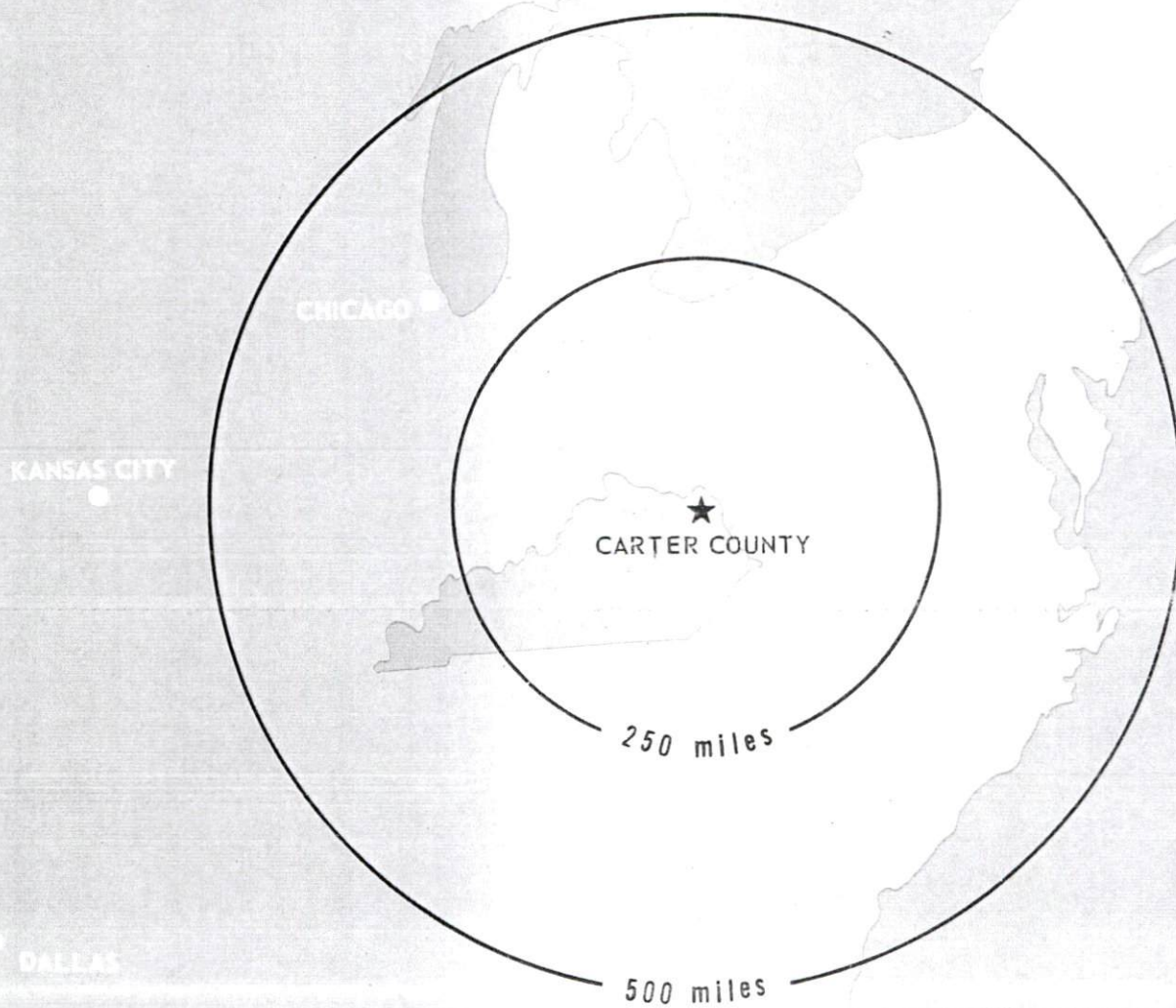
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INDUSTRIAL RESOURCES

CARTER COUNTY KENTUCKY



CURRENT INDUSTRIAL RESOURCES

CURRENT INDUSTRIAL RESOURCES, CARTER COUNTY, KENTUCKY

This is a 1972 supplement to "Industrial Resources, Carter County, Kentucky" which was published in 1971. Kentucky Library 1964

Population

	<u>1970</u>	<u>1960</u>
Grayson	2,184	1,692
Olive Hill	1,197	1,398
Carter County	19,850	20,817
Labor Market Area	151,442	146,605
(Includes Carter, Boyd, Elliott, Greenup, Lawrence, Lewis, and Rowan Counties.)		

General Employment Characteristics

<u>Industry</u>	<u>Employment 1970</u>	
	<u>Carter County</u>	<u>Labor Market Area</u>
TOTAL	4,300	47,500
Agricultural	700	3,300
Nonagricultural	3,600	44,200
Manufacturing	1,000	11,300
Trade and Services	690	9,191
Government	700	6,300
Other	1,210	17,409

Manufacturing Employment

<u>Type Industry</u>	<u>Carter County</u>			<u>Labor Market Area</u>		
	<u>1971</u>	<u>1961</u>	<u>%Change</u>	<u>1971</u>	<u>1961</u>	<u>%Change</u>
TOTAL	900	969	- 7.1	11,178	8,309	+ 34.5
Food & kindred products	0	7	-100.0	273	354	- 22.9
Tobacco	0	0	0	2	6	- 66.7
Apparel, textiles, leather	467	376	+ 24.2	1,917	1,174	+ 63.3
Lumber & furniture	48	34	+ 41.2	473	525	- 9.9
Printing, publishing, paper	114	0	-	301	116	+159.5
Chemicals, petroleum, coal, rubber	0	0	0	1,993	810	+146.0
Stone, clay & glass	271	552	- 50.9	619	1,082	- 42.8
Primary metals	0	0	0	4,884	4,113	+ 18.7
Machinery & metal products	0	0	0	716	129	+455.0

There are presently 18 manufacturing firms in Carter County.
Major firms, employment, and year started operations:

<u>Firms</u>	<u>Employment</u>	<u>Year Started Operations</u>
<u>Grahn</u>		
The Ensign Bickford Co.	33	1968
Louisville Fire Brick Works	55	1913
<u>Hitchins</u>		
General Refractories Co.	128	1912
<u>Lawton</u>		
Kentucky Mushroom Farms, Inc.	94	1968
<u>Olive Hill</u>		
Cowen Olive Hill Company	250	1963
Gibraltar Industries	130	1970
Quality Service, Inc.	108	1961
Ralco Sewing Industries	85	1970

Labor Supply

	<u>Carter County</u>			<u>Labor Market Area</u>		
	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>
Current	2,567	1,469	1,098	12,562	6,276	6,286
Potential additions next five years	2,185	1,141	1,044	15,982	8,232	7,750

Personal Income

Carter County, 1970: Total - \$32,633,000; Per Capita - \$1,696
1960: Total - \$18,997,000; Per Capita - \$ 913

Education

The Carter County School System includes 2 high schools with basic rating, and 10 elementary schools.

Nearest Vocational School: Ashland State Vocational Technical School
Courses offered: Clerical, Secretarial, Health Careers, Practical Nursing, Child Care, Food Service, Electronics (Technology), Auto Body Repair, Auto Mechanics, Carpentry, Cosmetology, Drafting, Electricity, Machine Shop, Radio & TV Repair, Tool & Die Making, Welding

Nearest Vocational Extension Center: Carter County Area Vocational Educational Center

Courses offered: Auto Body Repair, Auto Mechanics, Carpentry, Drafting, Electricity, Welding

Power and Fuel

Electric Distributors

Source of Supply

Olive Hill Electric Co.
Grayson RECC

Kentucky Power Company
East Kentucky Power Cooperative

Natural Gas Distributor

Specific Gravity Btu Per Cu. Ft.

Olive Hill Gas Company

--

1,000

Rates: First 600 cu. ft. \$2.00 (Inside city limits); \$3.25 (Outside)
Next 1,400 cu. ft. 1.30 per M cu. ft.
Next 3,000 cu. ft. 1.17 per M cu. ft.
Next 5,000 cu. ft. 1.10 per M cu. ft.
Over 10,000 cu. ft. .97 per M cu. ft.

Water and Sewerage

Water: Daily treatment capacity - 430,000 gallons*; average daily use - 200,000 gallons; maximum daily use - 300,000 gallons; storage capacity - 140,000 gallons; size distribution lines - 6, 8, and 10 inches

Local Government

Property Tax Rates

Property tax rates per \$100 of assessed valuation, 1971

	<u>Grayson</u>	<u>Olive Hill</u>	<u>Carter County</u>
State	\$.015	\$.015	\$.015
County	.147	.147	.147
School	.409	.409	.409
City	.250	.255	
Total	\$.821	\$.826	\$.571

*Treatment plant capacity is being increased to 860,000 gpd.
Storage capacity is being increased to 690,000 gallons.

Industrial Sites

The 7 industrial sites shown in the 1971 Carter County Industrial Resources brochure are still available for industrial use.

CARTER COUNTY INDUSTRIAL SITES

1971

For further information concerning the following sites, contact J. A. Raybourn, Mayor, Olive Hill, Kentucky; D. C. Baldwin, President of Grayson Development Corporation, Grayson, Kentucky; or the Kentucky Department of Commerce, Frankfort, Kentucky.

Olive Hill

- SITE # 1: ACREAGE AND TOPOGRAPHY: 15 acres, level to hilly
LOCATION: Within city limits
ZONING: Industrial
HIGHWAY ACCESS: Fronts on U.S. 60; Kentucky 2
(access road to I-64 interchange) forms the east boundary
RAILROADS: Spur tracks have been on property - some
footage of track is still on the site.
WATER: Olive Hill Water Plant
SIZE LINE: 8-inch line on site
GAS: Olive Hill Gas Company
SIZE MAIN: 3-inch main on site
ELECTRICITY: Olive Hill Electric Company
SEWERAGE: Municipal - 8-inch line on site
OWNERSHIP: Private
- SITE # 2: ACREAGE AND TOPOGRAPHY: 8 acres, level to hilly
LOCATION: Within city limits
HIGHWAY ACCESS: Evans Street forms west boundary;
Parker Memorial Drive forms northwest boundary.
RAILROADS: Not rail served
WATER: Olive Hill Water Plant
SIZE LINE: 4-inch line along northwest boundary
GAS: Olive Hill Gas Company
SIZE MAIN: 2-inch main along northwest boundary
ELECTRICITY: Olive Hill Electric Company
SEWERAGE: Municipal; 6-inch line along northwest
boundary
OWNERSHIP: Private
- SITE # 3: ACREAGE AND TOPOGRAPHY: 10 acres, level to hilly
LOCATION: At north city limits
HIGHWAY ACCESS: School Street forms western boundary;
partly paved - partly gravel
RAILROADS: Not rail served
WATER: Olive Hill Water Plant
SIZE LINE: 4-inch line along western boundary; 6-inch
line approximately 100 feet from southwest corner of site
GAS: Olive Hill Gas Company
SIZE MAIN: 2-inch line along western boundary
ELECTRICITY: Olive Hill Electric Company
SEWERAGE: Municipal; 8-inch line approximately 300 feet
from southwest corner of site
OWNERSHIP: Private
- SITE # 4: ACREAGE AND TOPOGRAPHY: 46+ acres, level to hilly
LOCATION: At northeast city limits
ZONING: Industrial
HIGHWAY ACCESS: Paved road (old U.S. 60) to U.S. 60,
approximately 600 feet from site
RAILROADS: Not rail served
WATER: Olive Hill Water Plant
SIZE LINE: 6-inch line on old U.S. 60
GAS: Olive Hill Gas Company
SIZE MAIN: 2-inch main along old U.S. 60
ELECTRICITY: Olive Hill Electric Company
SEWERAGE: Municipal; 8-inch line along old U.S. 60
OWNERSHIP: Olive Hill Industrial Foundation

Grayson

SITE # 1: ACREAGE AND TOPOGRAPHY: 40 acres, level
LOCATION: Inside north city limits
HIGHWAY ACCESS: Fronts on Kentucky 1 and 7 (4-lane);
approximately 400 feet from I-64 interchange
RAILROADS: Not rail served
WATER: Grayson Utility Commission
SIZE LINE: 8-inch line along west boundary
GAS: Grayson Utility Commission
SIZE MAIN: 4-inch main along west boundary
ELECTRICITY: Kentucky Power Company
SEWERAGE: Municipal; 12-inch line along College Street,
approximately 1,200 feet from site.
OWNERSHIP: Private

SITE # 2: ACREAGE AND TOPOGRAPHY: 40 acres, level
LOCATION: Approximately three-fourth mile from north
city limits
HIGHWAY ACCESS: Fronts on Kentucky 1 and 7
RAILROADS: Not rail served
WATER: Grayson Utility Commission
SIZE LINE: 6-inch line being constructed to site
GAS: Grayson Utility Commission
SIZE MAIN: 4-inch main three-fourth mile from site
ELECTRICITY: Kentucky Power Company
SEWERAGE: Package plant necessary
OWNERSHIP: Private

SITE # 3: ACREAGE AND TOPOGRAPHY: 25 acres, level to hilly
LOCATION: Within east city limits
HIGHWAY ACCESS: Fronts on U.S. 60
RAILROADS: Not rail served
WATER: Grayson Utility Commission
SIZE LINE: 10-inch line being constructed to site
GAS: Grayson Utility Commission
SIZE MAIN: 2-inch main approximately one-half mile
from site
ELECTRICITY: Kentucky Power Company
SEWERAGE: Package plant necessary
OWNERSHIP: Grayson Development Corporation

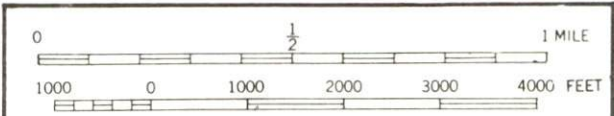
LEGEND:
UTILITIES AVAILABLE
 W - WATER
 G - GAS
 E - ELECTRICITY
 S - SEWERAGE

SITE-2
 40 AC
 W.E

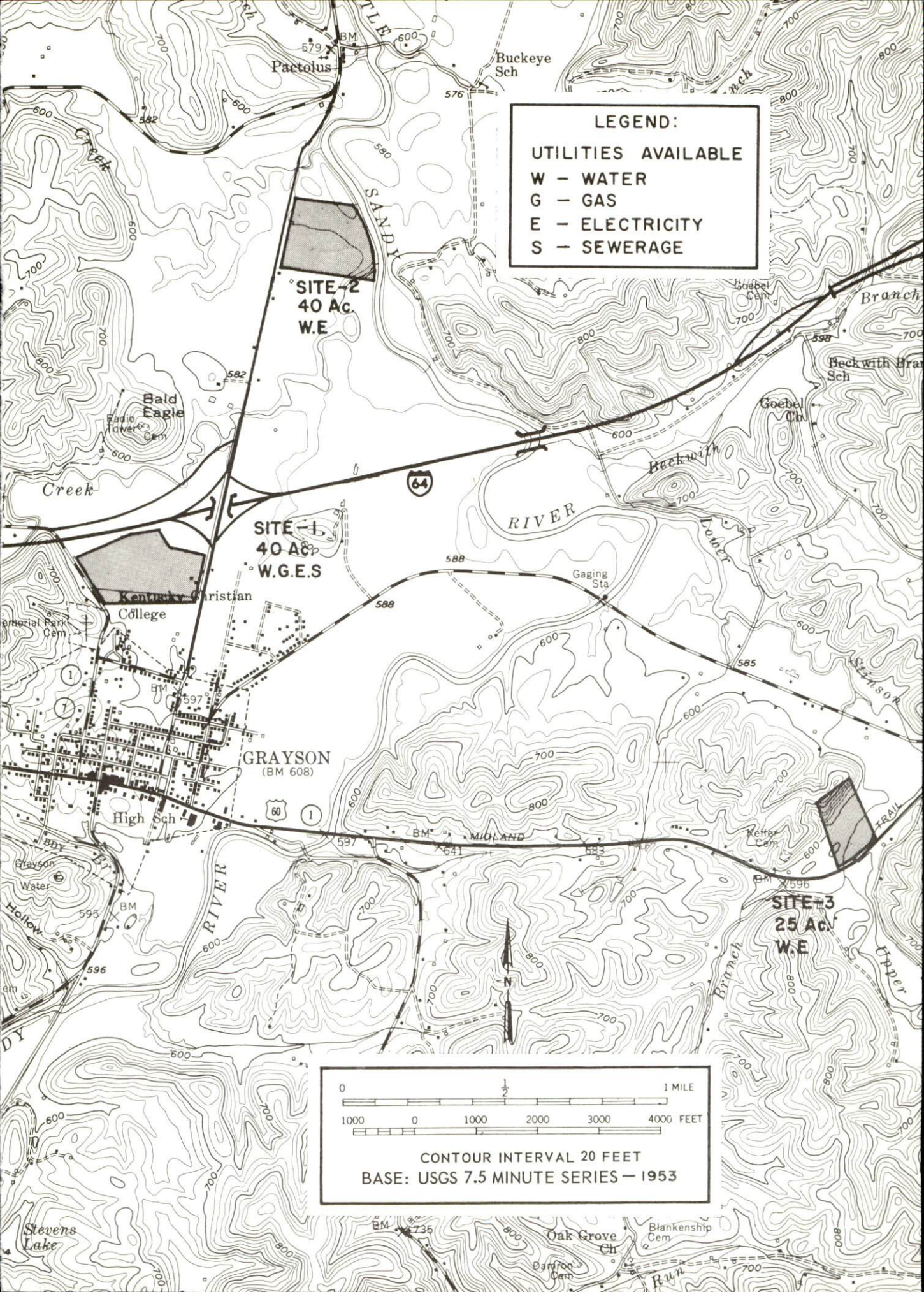
SITE-1
 40 AC
 W.G.E.S

SITE-3
 25 AC
 W.E

GRAYSON
 (BM 608)

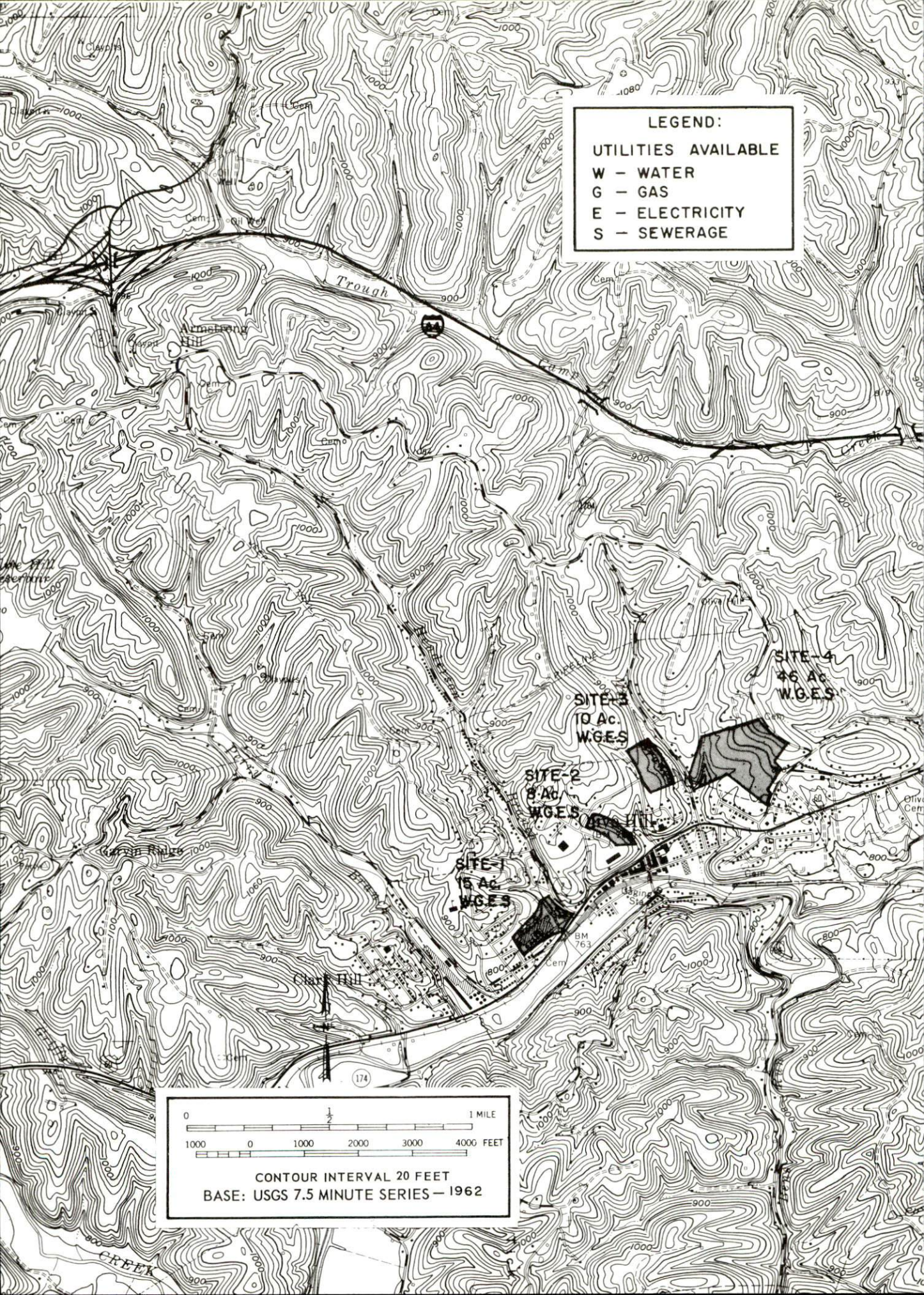


CONTOUR INTERVAL 20 FEET
 BASE: USGS 7.5 MINUTE SERIES - 1953



LEGEND:

UTILITIES AVAILABLE
W - WATER
G - GAS
E - ELECTRICITY
S - SEWERAGE

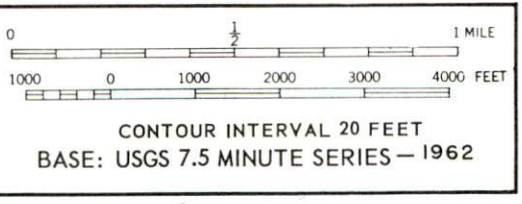


SITE-4
46 Ac
W,G,E,S

SITE-3
10 Ac
W,G,E,S

SITE-2
8 Ac
W,G,E,S

SITE-1
5 Ac
W,G,E,S



ERRATA

Industrial Resources, Carter County, Kentucky, 1971, published by the Kentucky Department of Commerce in cooperation with the Grayson Development Corporation and the Olive Hill Area Chamber of Commerce.

On page 12, the section on electricity should read:

Electricity

Company serving Grayson - Kentucky Power Company
Source of power - Kentucky Power Company
Total generating capacity - 1,080,000 KW
Industrial rates furnished by - Kentucky Power Company,
Grayson Office

Company serving Olive Hill - Olive Hill Electric Company
Source of power - Kentucky Power Company
Total generating capacity - 1,080,000 KW
Industrial rates furnished by - Olive Hill Electric Company,
Olive Hill, Kentucky

Company serving Carter County - Grayson Rural Electric
Cooperative Corporation
Source of power - East Kentucky Power Cooperative
Total generating capacity - 515,000 KW
Industrial rates furnished by - Grayson Rural Electric
Cooperative Corporation, Grayson, Kentucky

INDUSTRIAL RESOURCES
CARTER COUNTY, KENTUCKY

Prepared by
The Kentucky Department of Commerce
in cooperation with
The Grayson Development Corporation
and
The Olive Hill Area Chamber of Commerce

1971

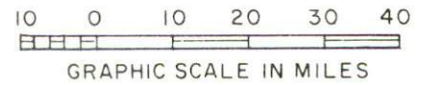
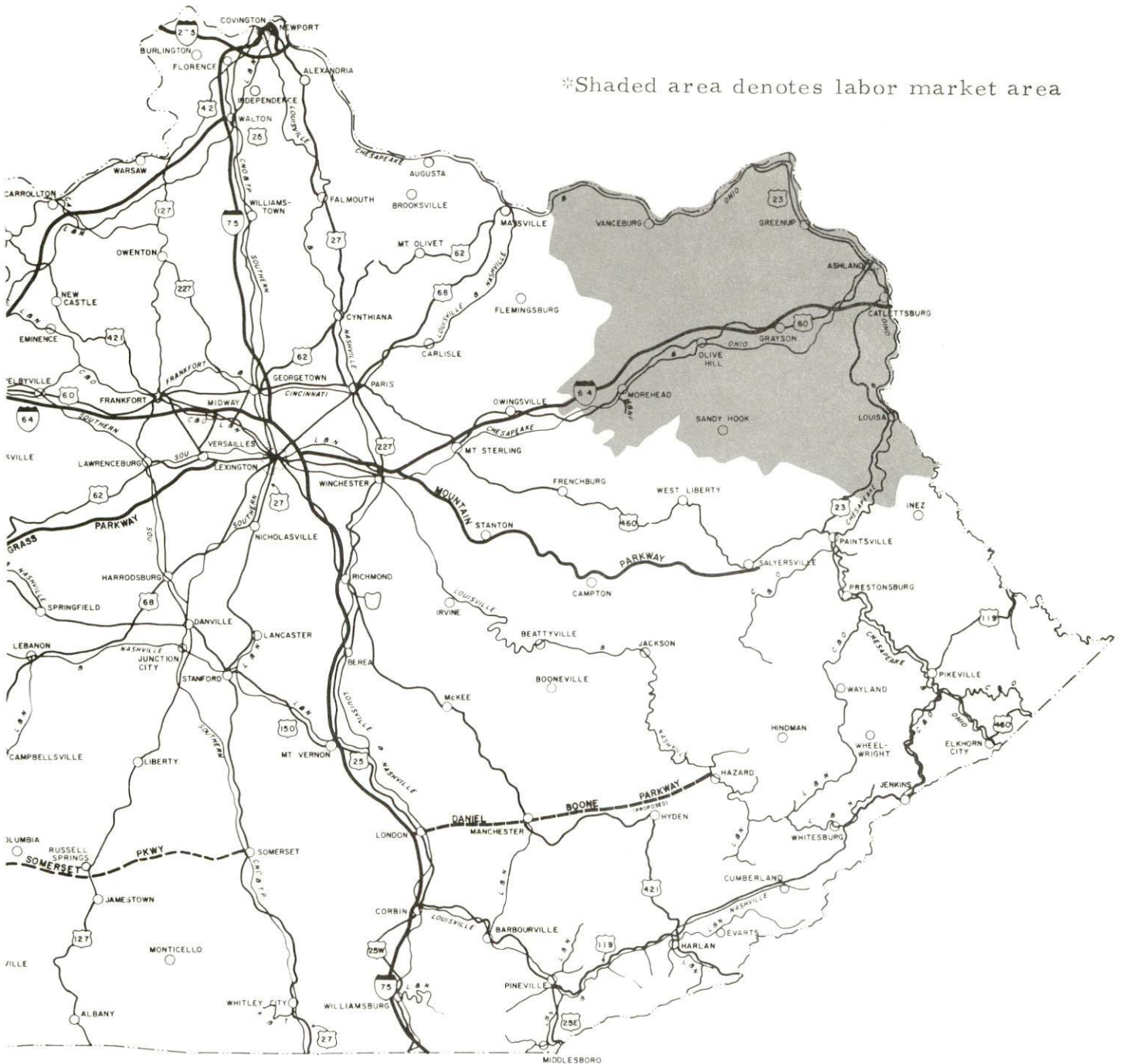
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CARTER COUNTY LABOR MARKET AREA

*Shaded area denotes labor market area



CARTER COUNTY, KENTUCKY - A RESOURCE PROFILE

Location

Carter County is located in northeastern Kentucky. It is bordered by Greenup and Lewis Counties on the north, Rowan County on the west, Elliott and Lawrence Counties on the south, and by Boyd County on the east. Carter County, with its natural bridges, rugged cliffs, and mountain streams, is the perfect setting for Carter Caves State Resort Park, one of Kentucky's excellent vacation attractions.

Grayson, the county seat, and Olive Hill are the largest communities in Carter County. Grayson, 24 miles from the Ashland, Kentucky-Huntington, West Virginia area, has a population of 2,184. Olive Hill has a population of 1,197; the county has a total population of 19,850.

The Economic Framework

Total employment in Carter County averaged 4,500 in 1969, with trade and services providing 1,200 jobs and manufacturing providing 1,000 jobs. The major industrial products are apparel, refractory brick, and greeting cards.

Per capita personal income in the county in 1968 was \$1,302. Between 1959 and 1968 per capita personal income in the county increased by 59 percent.

The Carter County labor market area includes Carter, Boyd, Elliott, Greenup, Lawrence, Lewis, and Rowan Counties. Area employment totals 45,000 including 11,000 in manufacturing and 9,535 in trade and services. Agriculture employs 3,600 workers. Area manufacturing employment has increased by 2,850 jobs since 1960 with sharpest gains in the primary metals; machinery and metal products; apparel, textile, and leather; and chemicals and petroleum products industries.

The Carter County labor market area has a deficit of 3,566 manufacturing jobs when measured against the national industrial employment-population ratio. This indicates an area where the potential for additional manufacturing is excellent.

Resources for Growth

1. There is a current estimated labor supply of 5,800 men and 6,200 women available for industrial jobs in the Carter County labor market area. In addition, 8,600 young men and 8,125 young women will become 18 years of age by 1977 and potentially available for employment.

2. The local transportation capability is good. The Chesapeake & Ohio Railway serves the county with a variety of services. Interstate-64 traverses the county with construction completed as far as Grayson. By 1972, construction will be completed to Catlettsburg, at the northeastern border of the state. Common carrier service is provided by five truck lines. The Olive Hill Airport is equipped to handle small aircraft. The Tri-state Airport, 35 miles from Grayson, has commercial service provided by four airlines.

3. Energy - both gas and electricity - is available in large quantity. Grayson is provided electric power by the Kentucky Power Company. The municipal electric company in Olive Hill is supplied by the Kentucky Power Company. The Tennessee Gas Pipeline Company serves as the source of supply for both the Grayson Utility Commission and the City of Olive Hill Gas Company.

4. Industrial sites - Olive Hill has four available industrial sites ranging in size from 8 to 46 acres. Grayson has three sites, ranging from 25 to 40 acres, available for industrial use.

5. Education - Carter County is located within 100 miles of four universities, one senior college, two junior colleges, and two community colleges. Morehead State University is only 19 miles from Olive Hill via Interstate-64. Ashland Community College, an extension of the University of Kentucky, is located in neighboring Boyd County.

A vocational extension center is located at Olive Hill and training is offered in six different courses. An area vocational school is located in Ashland.

Community Programs for Improvement

The county school system has engaged in a building program which, upon completion, will add two new high schools to the system. East Carter High School is designed to accommodate 750 students and West Carter High School will accommodate 700 students. Both schools are expected to be in operation for the September 1971 term. The county school system is also in the process of equipping its schools with ETV facilities.

Recent community improvements in Olive Hill include a community building which serves as an office for the housing inspector and mayor, and provides space for council and Chamber of Commerce meetings. A new storage warehouse has been constructed by the Quality Manufacturing Company. New base radio equipment has been installed at the police station and a new fire truck was delivered in 1970. A new building, constructed by the George Transfer and Rigging Company, provides sleeping quarters for the drivers

and houses loading equipment. A parking area, which will be paved and have space for 50 cars, is being developed at the airport. The city is planning to improve its recreational facilities with a swimming pool and equipped playground. Olive Hill is also planning to improve its water system with a new storage facility, enlarge some of the present distribution lines and add new lines. The improvement will also increase the water pressure.

The City of Grayson has a new building which houses the fire department equipment, and is completing major renovations to the water treatment facilities, increasing the water storage capacity, and strengthening the water distribution system. The Grayson Utility Commission is increasing its gas distribution with the construction of additional line. The city's sewerage system is being renovated and new lines are being added which will extend service to all parts of the city. Showgrounds are being developed which will cover 12 acres and include facilities for horse shows, a lighted show ring, 50 stalls for horses, a concession building, and seating capacity for 2,000 people. A lighted ball park is being developed. The Jaycees are planning to construct a community building which will have cooking equipment, a short basketball court and auditorium, and rest room facilities. The new Kentucky Power Company building has a 200-seat auditorium which is available to the local residents for civic or business meetings. Three new subdivisions are being developed. Thirty-two units are being added to a local motel.

Recreation, Entertainment and Livability

Carter County is located in a area that provides numerous recreational activities, including golf, swimming, boating, camping, fishing and hiking. Carter Caves State Resort Park at Olive Hill, is a 1,000-acre resort park located in a region of natural bridges, rugged cliffs and mountain streams. The resort has a mountain top lodge that overlooks 45-acre Smoky Valley Lake. Guided tours are available through three electrically lighted caves which are open year round.

The American Folk Song Festival is held annually the first weekend in June at Carter Caves State Resort Park. Music with the Elizabethan flavor of the Sixteenth Century and traditional mountain hymns are played on quaint lutes, fiddles, recorders and dulcimers.

Other state parks within 100 miles of Carter County are Jenny Wiley State Resort Park, Greenbo Lake State Park, Natural Bridge State Resort Park, Fort Boonesborough State Park and Blue Licks Battlefield State Park.

THE LABOR MARKET

POPULATION TRENDS ^{1/}

Area	Population			Percent Change	
	1970	1960	1950	1960-70	1950-60
Grayson	2,184	1,692	1,383	+29.1	+22.3
Olive Hill	1,197	1,398	1,351	-14.4	+ 3.5
Labor Market Area	151,442	146,605	145,126	+ 3.3	+ 1.0
Carter County	19,850	20,817	22,559	- 4.6	- 7.7
Boyd County	52,376	52,163	49,949	+ 0.4	+ 4.4
Elliott County	5,933	6,330	7,085	- 6.3	-10.7
Greenup County	33,192	29,238	24,887	+13.5	+17.5
Lawrence County	10,726	12,134	14,418	-11.6	-15.8
Lewis County	12,355	13,115	13,520	- 5.8	- 3.0
Rowan County	17,010	12,808	12,708	+32.8	+ 0.8

GENERAL EMPLOYMENT CHARACTERISTICS, 1969 ^{2/}

Major Employment Group	Employment	
	Carter County	Labor Market Area
TOTAL	4,500	45,000
Agricultural	700	3,600
Nonagricultural	3,800	41,400
Manufacturing	1,000	11,106
Trade and Services	1,199	9,538
Government	700	5,950
Other	901	14,806

MANUFACTURING EMPLOYMENT TRENDS BY INDUSTRY

JUNE 1970 AND 1960 ^{3/}

Industry	Carter County			Labor Market Area		
	1970	1960	% Change	1970	1960	% Change
TOTAL	953	1,280	-25.5	11,422	8,571	+ 33.3
Food & kindred products	7	6	+16.7	326	294	+ 10.9
Apparel, textiles, leather	355	294	+20.7	1,730	1,101	+ 57.1
Lumber & furniture	82	47	+74.5	539	660	- 18.3
Printing, publishing, paper	107	66	+62.1	304	177	+ 71.8
Chemicals, petroleum, coal, rubber	0	0	--	1,218	714	+ 70.6
Stone, clay & glass	402	867	-53.6	917	1,414	- 35.1
Primary metals	0	0	--	5,725	4,109	+ 39.3
Machinery & metal products	0	0	--	660	98	+573.5
Other	0	0	--	3	4	- 25.0

MAJOR CARTER COUNTY MANUFACTURING FIRMS,
THEIR PRODUCTS AND EMPLOYMENT ^{4/}

<u>Firm</u>	<u>Product</u>	<u>Employment</u>		
		<u>Total</u>	<u>Male</u>	<u>Female</u>
<u>Grahn</u>				
Grahn Industrial Pallets, Inc.	Wooden pallets	24	24	0
Louisville Fire Brick Works	Fire brick	49	48	1
<u>Hitchins</u>				
General Refractories Co.	Fireclay refractory brick	93	90	3
<u>Lawton</u>				
Kentucky Mushroom Farms, Inc.	Mushrooms	72	20	52
<u>Olive Hill</u>				
Carter Industries, Inc.	Men's and women's outerwear	35	2	33
General Refractories Co.	Refractory brick	214	210	4
Gibraltar Industries	Men's sportswear, uniform coat liners	115	16	99
Midland Manufacturing Co.	Western style dungarees	250	24	226
Quality Service, Inc.	Greeting cards	108	3	105
Ralco Sewing Industries	Men's, boys' and women's underwear and outerwear	85		

WAGE RATES FOR SELECTED OCCUPATIONS
CARTER COUNTY, KENTUCKY ^{5/}

<u>Classification</u>	<u>Wages Per Hour</u>		
	<u>Starting</u>	<u>Maximum</u>	<u>Prevailing</u>
<u>Production Employees</u>			
Assembler	\$2.85	\$3.73	\$3.32
Inspector	1.60	2.25	1.90
Production Laborer	2.78	2.78	2.78
Welder, Arc or Acetylene (Class-A)	2.98	3.58	-
<u>Service Employees</u>			
Electrician (Class-A)	\$2.98	\$3.73	\$3.50
Laborer	1.60	2.25	1.85
Machinist	2.85	3.73	3.32
Mechanic, Maintenance	1.60	2.75	2.25
Truck Driver, Industrial (Class-A)	1.60	2.50	2.25

(cont'd)

<u>Classification</u>	<u>Wages Per Hour</u>		
	<u>Starting</u>	<u>Maximum</u>	<u>Prevailing</u>
<u>Office Employees</u>			
Bookkeeper	\$1.60	\$2.25	\$1.85
File Clerk	1.60	1.90	1.85
Receptionist	1.60	2.00	1.85
Secretary	1.60	2.25	1.90
Typist	1.60	2.10	1.70

LABOR ORGANIZATIONS

<u>Union</u>	<u>Representing workers at:</u>
United Brick and Clay Workers of America	Grahn Industrial Pallets, Inc. Louisville Fire Brick Works General Refractories Co. (Hitchins) Kentucky Mushroom Farms, Inc. General Refractories Co. (Olive Hill) Midland Manufacturing Co.

CURRENT AND FUTURE LABOR SUPPLY - CARTER COUNTY LABOR MARKET AREA

<u>Area</u>	<u>Current Labor Supply, 1970</u> ^{6/}			<u>Future Labor Supply by 1977</u> ^{7/} (Becoming 18 Years of Age)		
	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>
Labor Market Area	12,014	5,800	6,214	16,727	8,601	8,126
Carter	2,431	1,347	1,084	2,355	1,228	1,127
Boyd	2,457	878	1,579	5,846	2,931	2,915
Elliott	1,128	673	455	750	369	381
Greenup	2,200	771	1,429	3,606	1,884	1,722
Lawrence	1,725	810	915	1,270	676	594
Lewis	808	587	221	1,624	824	800
Rowan	1,265	734	531	1,276	689	587

TOTAL PERSONAL INCOME ^{8/}

<u>Area</u>	<u>1968</u>	<u>1959</u>	<u>% Change</u>
Carter County	\$ 27,362,000	\$ 16,217,000	+68.7
Labor Market Area	304,992,000	172,281,000	+77.0
Kentucky	8,516,000,000	4,655,000,000	+82.9

PER CAPITA PERSONAL INCOME ^{9/}

<u>Area</u>	<u>1968</u>	<u>1959</u>	<u>% Change</u>
Carter County	\$1,302	\$ 818	+59.2
Labor Market Area	\$879 to 3,054	\$564 to 1,896	N.A.
Kentucky	2,645	1,552	+70.4

EDUCATION

Public Schools

	<u>Carter County</u>
Total Enrollment	4,726
Elementary	2,896
High School	1,830
Student-Teacher Ratio	
Elementary	26-1
High School	34-1
State Rating of High School	1 Accredited 3 Basic
Percent High School Graduates to College	35.4
Current Expenditures Per Pupil	\$359.60
Bonded Indebtedness, June 30, 1970	\$2,890,000

Vocational Schools

	<u>Nearest Area School</u>	<u>Nearest Extension Center</u>
Location	Ashland Area Vocational School	Carter County Extension Center
Miles Distant	Ashland	Olive Hill
Curriculum	24	
	Accounting Jr. Management	Auto Body Repair
	General Clerical	Auto Mechanics
	Secretarial-Steno	Carpentry
	Practical Nursing	Drafting
	Certified Housekeeping	Electricity
	Child Care	Welding
	Clothing Service	
	Electronics Technology	
	Auto Body Repair	
	Auto Mechanics	
	Carpentry	
	Commercial Foods	
	Cosmetology	
	Drafting	
	Electricity	
	Machine Shop	
	Radio and TV Repair	
	Welding	

Colleges and Universities

<u>Name</u>	<u>Area - Within 100 Miles</u> <u>Location</u>	<u>Enrollment</u>	<u>Highest Degree</u> <u>Conferred</u>
Eastern Kentucky University	Richmond	9,600	Masters
University of Kentucky	Lexington	17,760	Ph. D., M.D., D.M.D., J.D.
Morehead State University	Morehead	6,030	Masters
Transylvania University	Lexington	859	Masters
Berea College	Berea	1,400	Baccalaureate
Lees Junior College	Jackson	405	Associate
Maysville Community College	Maysville	362	Associate
Ashland Community College	Ashland	1,087	Associate

TRANSPORTATION

Rail

Line serving Grayson - Nearest rail service, provided by the Chesapeake & Ohio Railway, is at Hitchins - 4 miles from Grayson.

Services - Freight, passenger, switching facilities, siding space, REA Express pickup and delivery

Line serving Olive Hill - Chesapeake & Ohio Railway

Services - Freight, passenger, switching facilities, siding space, REA Express pickup and delivery

RAILWAY TRANSIT TIME FROM HITCHINS, KENTUCKY, TO: 10/

City	No. of Days		City	No. of Days	
	CL			CL	
Atlanta, Ga.	2		Los Angeles, Calif.	5	
Birmingham, Ala.	2		Louisville, Ky.	1	
Chicago, Ill.	1		Nashville, Tenn.	2	
Cincinnati, Ohio	1		New Orleans, La.	3	
Cleveland, Ohio	2		New York, N. Y.	3	
Detroit, Mich.	2		Pittsburgh, Pa.	3	
Knoxville, Tenn.	3		St. Louis, Mo.	2	

Truck Service

Company

Smith's Transfer Corporation
 Hogan Storage and Transfer Co.
 McLean Trucking Company
 Point Express, Inc.
 Reinhardt Transfer Company
 George Transfer and Rigging Co.

Home Office

Staunton, Virginia
 Williamson, West Virginia
 Winston-Salem, North Carolina
 Charleston, West Virginia
 Portsmouth, Ohio
 Olive Hill, Kentucky

HIGHWAY MILES AND TRUCK TRANSIT TIME IN DAYS FROM
GRAYSON, KENTUCKY, TO SELECTED MARKET CENTERS

City	Highway Miles	Delivery Time <u>11/</u>		City	Highway Miles	Delivery Time	
		LTL	TL			LTL	TL
Atlanta, Ga.	468	4	2	Los Angeles, Calif.	2,268	7	5
Birmingham, Ala.	531	4	2	Louisville, Ky.	142	2	1
Chicago, Ill.	459	3	1	Nashville, Tenn.	304	3	2
Cincinnati, Ohio	162	1	1	New Orleans, La.	871	4	2
Cleveland, Ohio	410	2	1	New York, N. Y.	930	7	3
Detroit, Mich.	431	2	1	Pittsburgh, Pa.	280	3	1
Knoxville, Tenn.	274	4	2	St. Louis, Mo.	425	4	2

Air

	<u>Local</u>	<u>Nearest Commercial</u>
Location:	Olive Hill Airport Olive Hill	Tri-State Huntington, West Virginia, 35 miles from Grayson
Runways:	1 paved	1 paved
Length:	2,500 feet	5,280 feet
Traffic		
Control:	Wind sock	Unicom
Lighting:	None	Runway, beacon
Services:	80 octane fuel	80 and 100 octane; jet fuel; major repairs; limousine; taxi; car rental; restaurant; Allegheny, Eastern, Piedmont, and Wright Airlines

Bus

Southern Greyhound Bus Lines serve Grayson and Olive Hill.

Taxi

Grayson - 1 company - 24-hour, radio-dispatched service
Olive Hill - 2 companies - operating hours 6 a.m. to midnight

Rental Services

Grayson - Truck and trailer rentals
Olive Hill - Trailer rentals

POWER AND FUEL

On page 12, the section on electricity should read:

Electricity

Company serving Grayson - Kentucky Power Company
Source of power - Kentucky Power Company
Total generating capacity - 1,080,000 KW
Industrial rates furnished by - Kentucky Power Company,
Grayson Office

Company serving Olive Hill - Olive Hill Electric Company
Source of power - Kentucky Power Company
Total generating capacity - 1,080,000 KW
Industrial rates furnished by - Olive Hill Electric Company,
Olive Hill, Kentucky

Company serving Carter County - Grayson Rural Electric
Cooperative Corporation
Source of power - East Kentucky Power Cooperative
Total generating capacity - 515,000 KW
Industrial rates furnished by - Grayson Rural Electric
Cooperative Corporation, Grayson, Kentucky

Natural Gas

Company serving Grayson - Grayson Utility Commission
Source of supply - Tennessee Gas Pipeline Company
Size of transmission line - 4 inches (Grayson Utility transmission line)
Distribution lines - 1, 2, and 4 inches
Btu content - 1040
Specific gravity - .587
Distribution pressure - 30 psi

Rates: First	600 cu. ft.	\$2.50
Next	1,400 cu. ft.	1.00 per Mcf
Next	3,000 cu. ft.	.90 per Mcf
Next	5,000 cu. ft.	.85 per Mcf
Over	10,000 cu. ft.	.75 per Mcf

Company serving Olive Hill - City of Olive Hill Gas Company
Source of supply - Tennessee Gas Pipeline Company
Size of transmission lines - City's - 3-inch; Supplier's - 30-inch
Distribution lines - 3, 2, and 1 inches
Btu content - 1,000
Distribution pressure - 25 to 125 psi

Rates: First	600 cu. ft.	\$1.50 (Inside city limits); \$2.50 (Outside)
Next	1,400 cu. ft.	1.00 per Mcf
Next	3,000 cu. ft.	.90 per Mcf
Next	5,000 cu. ft.	.85 per Mcf
Over	10,000 cu. ft.	.75 per Mcf

WATER AND SEWERAGE

Water

Company serving Grayson - Grayson Utility Commission

Source - Little Sandy River

Treatment plant capacity - 300,000 gpd

Average daily consumption - 280,000 gallons

Peak daily consumption - 300,000 gallons

Type treatment - Settling, flocculation, fluoridation, rapid sand filtration, chlorination

Storage capacity - 300,000 gallons

Average pressure - 80 psi

Average temperature - 60° F.

Size mains - 12, 10, 8, and 6 inches

Remarks: Constructing complete new water plant (750,000 gpd), 5 miles of new lines, and two new water tanks (200,000-gallon and 60,000-gallon).

MONTHLY WATER RATES FOR WHOLESALE
AND INDUSTRIAL CONSUMERS

First	2,000 gals. or less	\$3.00
Next	3,000 gals.	1.10 per M gals.
Next	5,000 gals.	.90 per M gals.
Next	15,000 gals.	.75 per M gals.
Next	25,000 gals.	.60 per M gals.
Next	50,000 gals.	.50 per M gals.
All over	100,000 gals.	.40 per M gals.

Company serving Olive Hill - Olive Hill Water Plant

Source - one lake

Treatment plant capacity - 500,000 gpd

Average daily consumption - 250,000 gallons

Peak daily consumption - 300,000 gallons

Type treatment - Settling, filtration, chlorination

Storage capacity - 275,000 gallons

Average pressure - 90 to 110 psi

Average temperature - 45 to 55 degrees F.

Size mains - 10, 8, 6, and 4 inches

MONTHLY WATER RATES FOR WHOLESALE
AND INDUSTRIAL CONSUMERS

I. 5/8" service

First	2,000 gals.	\$3.50 (Minimum)
Next	3,000 gals.	.90 per M gals.
Next	5,000 gals.	.80 per M gals.
Next	5,000 gals.	.70 per M gals.
Next	5,000 gals.	.60 per M gals.
Next	5,000 gals.	.50 per M gals.
Next	25,000 gals.	.40 per M gals.
All over	50,000 gals.	.30 per M gals.

II. Minimum charges for the following services:

3/4" services	4.25 per month	2,000 gals.
1" services	7.00 per month	2,000 gals.
1 1/2" services	10.00 per month	2,000 gals.
2" services	15.00 per month	2,000 gals.
3" services	30.00 per month	2,000 gals.
4" services	65.00 per month	2,000 gals.

All over 2,000 gallons for the above sized services shall be as stated in I.

Surface water sources - Little Sandy River and Tygarts Creek, small impounded reservoirs

Average discharge - Little Sandy River - 472 cfs at Grayson (USGS, 29-year record); Tygarts Creek - 85.5 at Olive Hill (USGS, 10-year record)

Expected ground water yield - 5 to 50 gpm

Sewerage

Company serving Grayson - Grayson Utility Commission

Design capacity - 864,000 gpd

Average daily flow - 200,000 gallons; Treatment - primary

Type treatment - drying beds

Treated effluent discharged into - Little Sandy River

Size of sanitary mains - 12-inch

Rates - 50 percent of monthly water bill

Company serving Olive Hill - City of Olive Hill Sewerage Company

Design population - 2,000; Average daily flow - 100,000 gallons

Treatment - primary and secondary; Type treatment - Trickling filter, floating top, digester

Treated effluent discharged into - Tygarts Creek

Size of sanitary mains 6, 8, and 10 inches; Size of storm mains - 24-inch

Rates - 50 percent of monthly water bill

LOCAL GOVERNMENT

City

Grayson

Structure - Mayor - 4-year term; 5 councilmen - 2-year terms
 Income 1969-70 - General Fund \$54,632; Water and Sewer Fund \$89,477
 Fees and licenses - Unloading license - \$20 per annum

Olive Hill

Structure - Mayor - 4-year term; 6 councilmen - 2-year terms
 Income 1969-70 - General Fund Receipts \$50,216.81; Electric Fund
 \$75,987.98; Water Fund \$63,347.96; Gas Fund \$73,127.57; Sewer
 Fund \$16,927.46
 Fees and licenses - Unloading license - \$25 per annum

County

Structure - County Judge - 4-year term; 8 magistrates - 4-year terms
 Budget 1970-71 - General Fund \$110,300; Road Fund \$41,300

Assessed Value of Property, 1970

<u>Classes of Property*</u>	<u>Grayson</u>	<u>Olive Hill</u>	<u>Carter County</u> (1969-70)
Real Estate	\$10,212,384	\$5,624,505	\$46,794,323
Tangibles	2,674,666	2,146,978	10,377,846
Public Service	1,343,194 ('69)	908,050 ('69)	20,468,684

Local General Property Tax Rates Per \$100 of Assessed Valuation, 1969 12/

<u>Taxing Unit**</u>	<u>Grayson</u>	<u>Olive Hill</u>	<u>Carter County</u>
State	\$.015	\$.015	\$.015
County	.120	.120	.120
School	.474	.474	.474
City	.200	.255	
Total	\$.809	\$.864	\$.609

*Property assessed at 100 percent of fair value.

**Manufacturing machinery, raw materials inventories and goods in process inventories are not subject to local tax. State rate is only \$.15 per \$100.

Planning and Zoning

Agency - Grayson Planning Commission

Plans completed - Comprehensive Plan

Codes adopted - Building, Housing, Plumbing, Electric, Fire, Gas codes

Agency - Olive Hill Planning Commission

Plans completed - Comprehensive Plan

Codes adopted - Building, Housing, Plumbing, Electric, Fire, Gas codes

Safety

<u>Police</u>	<u>Grayson</u>	<u>Olive Hill</u>	<u>Carter County</u>
Total staff	3	4 policemen and 2 radio dispatchers	3
Motorized equipment	2 radio-equipped cars	2 radio-equipped cars	2 marked cars
Other equipment	standard; base radio equipment	standard; base radio equipment	standard

Fire

American Insurance

Association Fire

Rating

7

7

Staff

2 salaried and
25 volunteers

2 salaried and
14 volunteers

Equipment:

750-gpm pumps

1

500-gpm pumps 3

1

300-gpm pumps

1

Rescue Service

Olive Hill Rescue Squad:

Number of volunteers - 16

Equipment - First aid equipment, resusitator, boat (available when needed)

Personnel training - First aid, scuba diving

Grayson Rescue Squad:

Number of volunteers - 25

Equipment - Boat and motor, resusitator, diving equipment

Training - First aid, scuba diving

Ambulance Service

Carter County Emergency Service - 4 ambulances (2 housed in Olive Hill and 2 in Grayson)

Private ambulance service in Olive Hill - 2 ambulances

Sanitation

	<u>Grayson</u>	<u>Olive Hill</u>
Type service	private	private
Cost:		
residential	\$1.75 monthly	\$1.50 monthly
business	contract	\$5 to \$10 monthly
Collection frequency:		
residential	weekly	weekly
business	weekly	daily
Trash pickup	daily	-
Disposal method	dump	land fill

HEALTH

Hospitals

<u>Nearest General Hospitals</u>	<u>Location</u>	<u>Beds</u>
St. Clair Medical Center	Morehead (21 miles from Olive Hill)	42
King's Daughters' Hospital	Ashland (24 miles from Grayson)	255

St. Clair Medical Center facilities - Emergency room, X-ray equipment, EKG, laboratory, 3 operating rooms, Home Health Service

Medical staff - 2 surgeons, 2 doctors of internal medicine, 5 general practitioners, 15 nurses, 3 lab technicians, 2 X-ray technicians, Director of Professional Education, pathologist (part-time), radiologist

King's Daughters' Hospital facilities - Seven operating rooms, recovery room, X-ray equipment, laboratory, intensive care, cardiac care, dental surgery room, OB ward

Medical staff - 17 doctors, 28 registered nurses, 15 licensed practical nurses

Other - Carter County Mental Health Center; District #4 State TB Hospital, Ashland

Public Health

Facility - Carter County Health Department
Staff - 2 registered nurses, 1 sanitarian, 1 clerk
Budget 1970-71 - \$38,566

OTHER LOCAL FACILITIES

Communications

<u>Grayson</u>	<u>Olive Hill</u>
Telephone - General Telephone Company of Kentucky Services - Standard	General Telephone Company of Kentucky Standard
Telegraph - Nearest service in Olive Hill Services -	Western Union Telephone
Postal - U. S. Post Office Class - Second Mail received - once daily Mail dispatched - once daily	Second once daily once daily
Newspapers - Journal-Enquirer Weekly and circulation - 3,100 Other papers received from - Olive Hill, Louisville, Lexington, and Ashland, Kentucky; and Huntington, West Virginia	Olive Hill Times 2,500 Louisville and Lexington, Kentucky; Huntington, West Virginia; and Cincinnati, Ohio
Radio - WGOH - AM and FM Stations received from - Ashland and Pikeville, Kentucky; Portsmouth, Ohio; and Huntington, West Virginia	Grayson, Morehead, Ashland, and Lexington, Kentucky; Huntington, West Virginia; and Cincinnati, Ohio
Television - Reception from - Huntington and Charleston, West Virginia	Huntington and Charleston, West Virginia
Kentucky Educational Television - Morehead transmitter, Channel 38	Morehead transmitter, Channel 38

Religious Institutions

<u>Grayson</u>	<u>Olive Hill</u>
Denominations - Freewill Baptist, Missionary Baptist, Christian, Methodist, Nazarene, Presbyterian, Church of Christ, Catholic, Inter-denominational, Pentecostal, Church of God of Prophecy, Church of God	Baptist, Christian, Methodist, Nazarene, Church of Christ, Wesleyan

Financial Institutions

<u>Bank</u>	<u>Statement as of June 30, 1970</u>	
	<u>Assets</u>	<u>Deposits</u>
First National Bank of Grayson	\$ 8,892,532.34	\$7,825,772.79
Commercial Bank of Grayson	10,369,455.20	9,178,160.04
Peoples Bank, Olive Hill	10,678,845.56	9,546,089.02

Hotels and Motels

	<u>Total Number</u>	<u>Units</u>
Olive Hill	1	12
Grayson	2	72

Clubs and Organizations

Grayson

Business and Civic - Chamber of Commerce, Jaycees, Rotary, PTA

Fraternal - Mason, Shriners, VFW, American Legion

Women's - American Legion Auxiliary, Jaycettes, Eastern Star, Homemakers, Garden Club, Woman's Club, REA Ladies Club, Graysonian, Younger Woman's Club

Youth - Boy Scouts, Girl Scouts, 4-H, FFA

Other - Little Sandy Fish and Game Club, Boosters Club

Olive Hill

Business and Civic - Rotary, PTA, Olive Hill Chamber of Commerce

Fraternal - Mason, American Legion

Women's - American Legion Auxiliary, Eastern Star, Women's Garden Club, Bud and Bloom Club

Youth - Little League, Boy Scouts, Girl Scouts, 4-H

Other - Skyline Trap Shoot Club

RECREATION

Local

	<u>Grayson</u>	<u>Olive Hill</u>
Public Recreation Facilities		
Supervised program -	Yes	
Playgrounds -	1	1
Tennis courts -	2	2
Baseball diamonds -	2	1
Football field -		1 lighted
Other -	Showgrounds, marina, fishing	fishing
Private Recreation Facilities		
Country club -	Sunrise Valley Country Club	
Golf course -	1 (9-hole)	
Tourist Attractions		
Carter Caves State Resort Park		
Grayson Reservoir		
Echo Canyon - country music		
Cultural Events		
American Folk Song Festival		

Area (Within 100 miles)

State Parks - Greenbo Lake State Park
 Jenny Wiley State Resort Park
 Natural Bridge State Resort Park
 Fort Boonesborough State Park
 Blue Licks Battlefield State Park

Other Attractions - Daniel Boone National Forest
 Olympia State Forest

AGRICULTURE - NATURAL RESOURCES - CLIMATE

Agriculture 13/

	<u>Carter County</u>	<u>Labor Market Area</u>
Total land area (acres)	257,280	1,506,560
Percent of area in farm land	61.7	55.0
Number of farms	1,526	6,559
Average size of farms (acres)	104.1	126.3
1964 value of all farm products	\$3,164,649	\$16,251,893
Value per farm	2,074	2,478
Total crop sales	1,951,878	9,098,761
Total livestock & livestock products	1,210,751	7,136,384
1968 agricultural production included:		
Burley tobacco (lbs.)	2,808,000	12,166,000
Corn (bu.)	165,000	915,000
Cattle and calves (number)	14,400	67,000
Hogs and pigs (number)	1,700	10,300
Milk production, 1967 (lbs.)	9,120,000	68,790,000

Natural Resources

Principal mineral resources	Fire clay, coal, limestone
Other mineral resources	Silica sand, oil, natural gas
Acres of commercial forest land	180,800
Most abundant tree species	Red oak, white oak, hickory, ash, yellow poplar, beech, maple.

Climate 14/

	<u>Carter County</u>
Temperature	
Annual mean (30-year record)	55.0 degrees
Average annual 1969	53.1 degrees
Record highest August, 1918 (81-year record)	106.0 degrees
Record lowest February, 1899 (81-year record)	-27.0 degrees
Seasonal heating degree-days (30-year record)	4,754
Precipitation	
Mean annual total (30-year record)	38.77 inches
Mean annual snow and sleet (81-year record)	24.10 inches
Total precipitation 1969	31.88 inches
Mean number days precipitation (81-year record)	
(.01 inch or more)	142
Average number days thunderstorms (76-year record)	44

HISTORY

Carter County, the eighty-eighth county formed in the state, dates from 1838. Land was taken from Greenup and Lawrence Counties to form Carter County. Its surface is hilly and broken, the soil in the valleys is rich, and there are several workable veins of coal under the hills. It is well drained by the Little Sandy River and its tributaries. Despite all of these favorable aspects the land is not suitable for extensive agricultural production.

Carter County was named in honor of Colonel William G. Carter, a member of the State Senate when the county was formed. He favored establishment of Carter County, and introduced a bill which required every man over twenty years of age who lived within 5 miles of the Little Sandy River to give five days of labor each year to keep it navigable. There were similar laws affecting other rivers in the state. These laws remained on the statute books for almost half a century, until the advent of the railroads in the early 1830's which made the laws unnecessary. William G. Carter lived in Greenup County, migrated to Arkansas in 1847, but returned to Kentucky two years later when the second epidemic of cholera occurred and died a victim of the disease.

Grayson, the county seat, was named for General William Grayson, who received a grant of land from Isaac Shelby during his second term as governor, and Colonel Robert Grayson, a brother, who was an aide-de-camp to General George Washington. Grayson is 752 feet above sea level.

The first settlement made in Carter County was around the turn of the nineteenth century by persons interested in salt-making. Surplus salt was shipped down the Little Sandy River to the Ohio on flat boats. Salt was later brought down the Ohio from Pittsburgh and sold for a cheaper price than Kentuckians could make it. Carter County's residents then turned to agriculture and working with iron ores for a livelihood.

Names worthy of remembrance are:

William J. Fields - Governor of Kentucky from 1923 to 1927.

Heman H. McGuire - guided the development of Carter County schools for over a quarter of a century.

Simon Kenton - early prominent salt producer and pioneer.

Thomas Scott - early prominent salt producer.

SOURCES OF INFORMATION

- 1/ U. S. Department of Commerce, Bureau of the Census, Census of Population, 1950, 1960, 1970.
- 2/ Kentucky Department of Economic Security, Division of Research and Statistics.
- 3/ Kentucky Department of Economic Security, Number of Workers in Manufacturing Industries Covered by Kentucky Unemployment Insurance Law Classified by Industry and County, June 1970, June 1960.
- 4/ Kentucky Department of Commerce, 1970 Kentucky Directory of Manufacturers.
- 5/ Kentucky Department of Economic Security, Division of Employment Services, Morehead Office.
- 6/ Kentucky Department of Economic Security, Kentucky Labor Supply Estimates by County, January 1970.
- 7/ Kentucky Department of Commerce, Future Labor Supply by 1977.
- 8/ University of Kentucky, Office of Development Services and Business Research, Total Personal Income for Kentucky.
- 9/ University of Kentucky, Office of Development Services and Business Research, Per Capita Income in Kentucky.
- 10/ Chesapeake & Ohio Railway, Baltimore, Maryland.
- 11/ The Reinhardt Transfer Company, Portsmouth, Ohio.
- 12/ Kentucky Department of Revenue, 1969 Kentucky Property Tax Rates.
- 13/ U. S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1964. U. S. Department of Agriculture and Kentucky Department of Agriculture, Kentucky Agricultural Statistics, 1969.
- 14/ U. S. Department of Commerce, Environmental Science Services Administration, Climatological Data, 1969.

All other information was obtained from governmental offices, local businesses and organizations.

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