

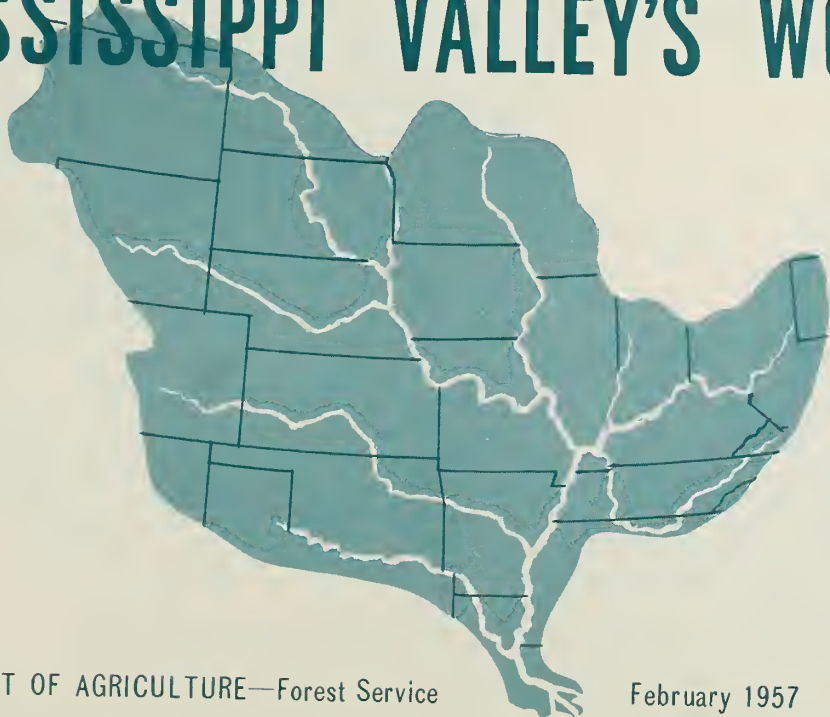
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Aug 84 Pro

#310

MISSISSIPPI VALLEY'S WOODS



U. S. DEPARTMENT OF AGRICULTURE—Forest Service

February 1957 PA-310

THE MISSISSIPPI VALLEY NEEDS . . .



F 471065

. . . woodlands for wildlife



F 371800

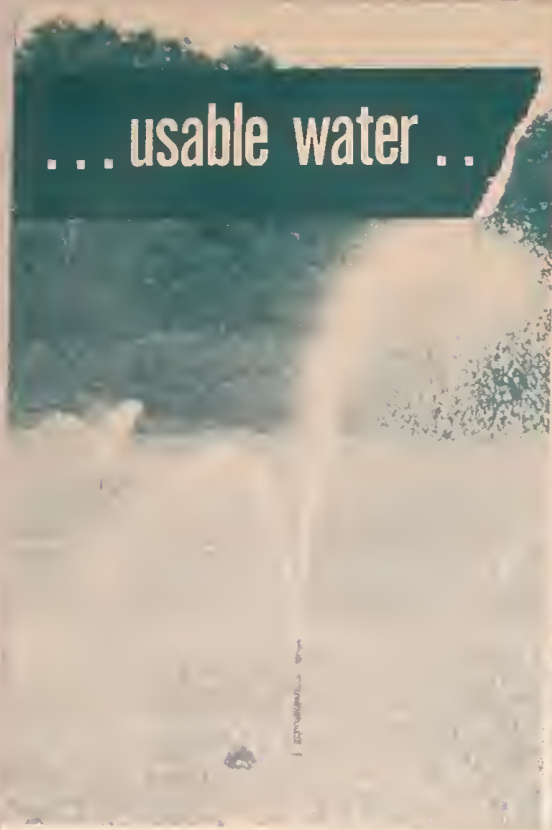
. . . woodlands for wood products

... woodlands for recreation



... woodlands to help produce usable water ...





F 469825

F 409980

F 476890

F 461048

F 469289

... for irrigation

... for navigation

... for industrial use

... for recreation

... for fish and wildlife

... for domestic use

Woodlands help regulate water flow ...



... by retarding runoff

F 476619



F 397535



... by reducing flood peaks

. . . by reducing sedimentation

Good forest

Excellent pasture

Range or seeded pasture (good)

Legumes-grass hayland

Range or seeded pasture (poor)

Alfalfa

Small grain (standing or stubble)

Wheat-peas (stubble not burned)

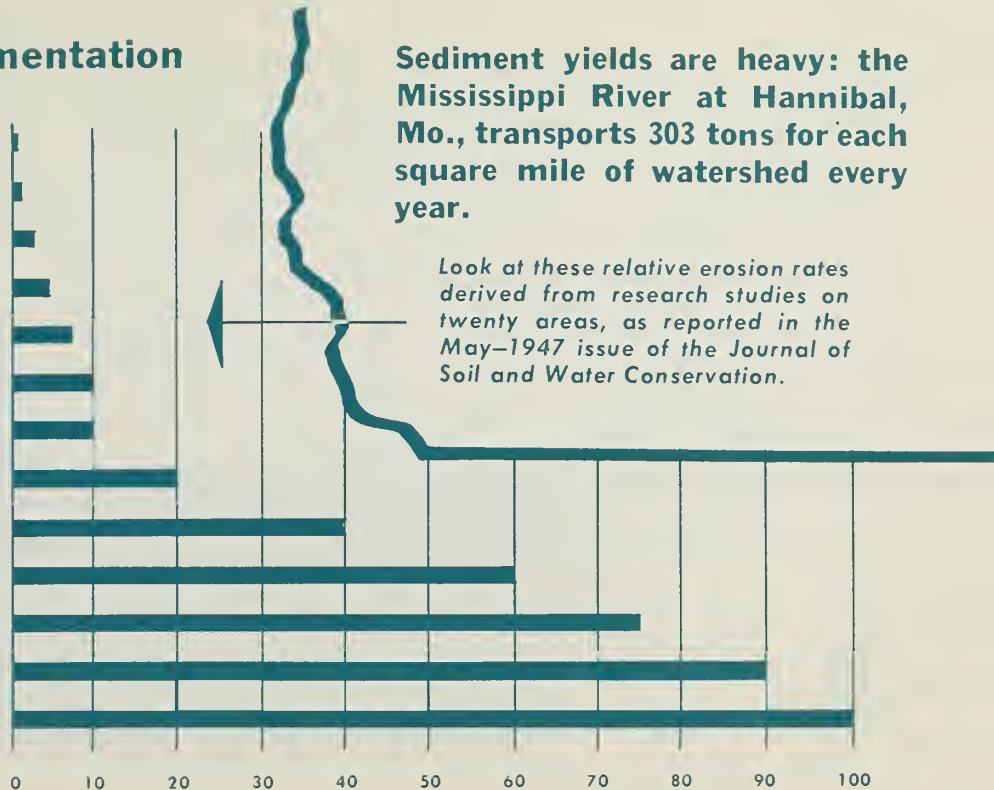
Small grain (poor)

Wheat fallow (stubble not burned)

Wheat fallow (stubble burned)

Orchards-vineyards (clean tilled)

Row crops and fallow



Sediment yields are heavy: the Mississippi River at Hannibal, Mo., transports 303 tons for each square mile of watershed every year.

Look at these relative erosion rates derived from research studies on twenty areas, as reported in the May-1947 issue of the Journal of Soil and Water Conservation.

Relative rate for similar conditions of soil and topography.

Fortunately the Mississippi Valley has 178 million acres of woods and forests helping solve water problems . . . more than 15% of this area, 27 million acres, is in national forests which are managed by the U. S. Forest Service. States and the Forest Service cooperate to promote forestry and watershed management on the other 151 million acres.



The Mississippi Valley Association is vitally interested in protecting the water values of the entire Mid-America area outlined by dashes. This area includes 343 million acres of forest land.





 Forest lands

THE VALLEY NEEDS ...



... better woodland protection

F 476618



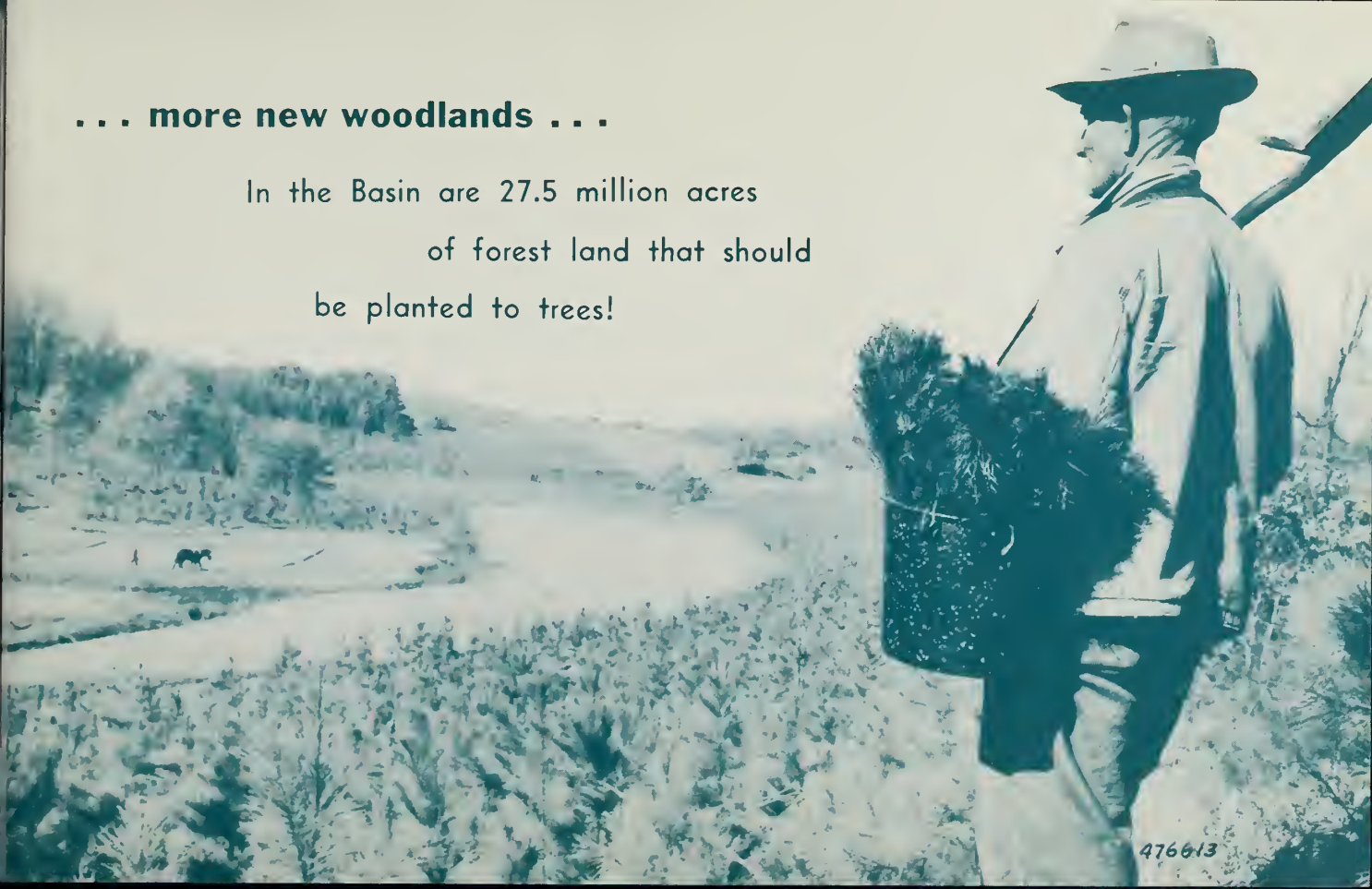
F 497562



.. better woodland management

... more new woodlands ...

In the Basin are 27.5 million acres
of forest land that should
be planted to trees!



476613

WOODS AND WATER ...

... to serve the Valley for good!

