FLOOD OF JUINE 17/4 WILKES-BARRE WEST QUADRANGLE SUSQUEHANNA RIVER AT WILKES-BARRE UNITED STATES PENNSYLVANIA-LUZERNE CO. DEPARTMENT OF THE INTERIOR AND PLYMOUTH, PENNSYLVANIA 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY NW/4 WILKES-BARRE 15' QUADRANGLE By H.N. Flippo, Jr. and L.W. Lenfest, Jr. 75°52′30″ 76°00′ 41°15′ Flood elevation, 548.6 feet, MSL 10.5' DEEP 8.4' DEER Plymouth Junction ARKSVILLE WIZKES-BAR Bridge damaged Flood elevation, 552.8 feet, MSL Flood elevation, 15.9' DEEP 552.55 feet, MSL (backwater on Solomon Creek) Flood elevation, 546.3 feet, MSL 9.1' DEEP Flood elevation, 549.1 feet, MSL 21.0 DEEP Flood elevation, 548.3 feet, MSL 16.5' DEEP Marys Franklin Area flooded along Solomon Creek and its tributaries not shown -SUSQUEHANN. Flood elevation, 545.4 feet, MSL 6.0' DEEP Area flooded along Warrior Creek JANTICOXI Lower Askam Warrior Rul Hanover Solomon Gap Witinski Villa Flood area along tributaries not shown Turner -41°07′30″ 75°52′30″ 41°07′30″ (FREELAND) 5866 III SW In June 1972, tropical storm Agnes caused severe flooding within SCALE 1:24000 EXPLANATION a broad area extending from North Carolina to Southern New York. Flood elevations along the Susquehanna River were the highest ever ■ Boundary of June 1972 flood recorded. In the Wilkes-Barre area, flood elevations exceeded those of 1865 and 1936 by about eight feet. Maximum discharges were about 40 percent greater than those of a 50-year flood. Flood boundaries delineated from Property damages from flooding in the Wyoming Valley, in which 1 KILOMETER 1 .5 0 field surveys. Wilkes-Barre lies, far exceeded those in any other area of simi-CONTOUR INTERVAL 20 FEET DATUM IS MEAN SEA LEVEL . lar size affected by the storm. The extent of flooding on the map was delineated by the U. S. 1972. Geological Survey from field surveys made soon after the flood. 1:24,000. Sections of levees and railroad grades that were not overtopped Base by U. S. Geological Survey are not delineated. The investigation was conducted in cooperation with the Penn-1947 **OPEN-FILE MAP** 3 1818 00261413 7 sylvania Department of Environmental Resources, the Susquehanna River Basin Commission, and the U. S. Army Corps of Engineers.