ISRIC - WAGENINGEN
country : USA
subject : Soils
scale : 1:506.880
dup. ref. : ILLS 38
libr. ref. :

IOWA SOIL ASSOCIATION MAP

Published by:

Iowa Agriculture and Home Economics Experiment Station

In cooperation with

United States Department of Agriculture
Soil Conservation Service

Cooperative Extension Service, Iowa State University
and the

Department of Soil Conservation, State of Iowa

March 1978

Scale 1:506,880 ⅛ inch equals approximately 1 mile

1 Nearly level and gently sloping (0-5%) soils developed from alluvium. Fluvents and Sarpy soils.

2 Gently and moderately sloping (2-9%) prairie-derived soils developed from loess. Moody soils.

3 Gently to strongly sloping (2-14%) prairie-derived soils developed from loess or pre-Wisconsin till. Moody, Crofton, and Steinauer soils.

4 Gently to strongly sloping (2-14%) prairie-derived soils developed from loess. Ida and Galva soils.

5 Gently and moderately sloping (2-9%) prairie-derived soils developed from loess. Galva soils.

6 Nearly level to moderately sloping (0-9%) prairie-derived soils developed from loess or loess over Wisconsin or pre-Wisconsin till. Galva, Primghar, and Sac soils.

7 Nearly level and gently sloping (0-5%) prairie-derived soils developed from alluvium. Soils on steep adjacent upland slopes are included in some areas. Colo, Zook, and Nodaway soils.

8 Nearly level to moderately sloping (0-9%) prairie-derived soils developed from loess or loess over Wisconsin or pre-Wisconsin till. Galva, Primghar, Marcus, and Sac soils.

9 Nearly level and gently sloping (0-5%) prairie-derived soils developed from loess. Primghar, Marcus, and Galva soils.

10 Moderately to very steep (14-40%) prairie-derived soils developed from pre-Wisconsin till. Steinauer and Shelby soils.

11 Nearly level and gently sloping (0-5%) prairie-derived upland and terrace soils developed from alluvium. Wadena, Talcot, and Ridgeport soils.

12 Nearly level and gently sloping (0-5%) prairie-derived soils developed from Wisconsin till on the Cary Lobe. Depressional and calcareous soils are common. Webster, Okoboji, Canisteo, Clarion, Nicollet, and Harps soils.

13 Strongly sloping (9-14%) prairie-derived soils developed from Wisconsin till on the Cary Lobe. Clarion and Storden soils. Includes some bottomland soils such as Colo.

14 Nearly level to moderately sloping (0-9%) prairie-derived soils developed from Wisconsin till on the Cary Lobe. Clarion, Webster, Canisteo, and Nicollet soils.

15 Nearly level to moderately sloping (0-9%) prairie-derived soils developed from Wisconsin till on the Cary Lobe. Includes very poorly drained depressional soils. Clarion, Nicollet, Storden, and Webster soils.

16 Level and nearly level (0-2%) prairie-derived soils developed from Wisconsin till on the Cary Lobe. Webster, Harps, Canisteo, Nicollet, and Okoboji soils.

17 Nearly level to strongly sloping (0-14%) prairie-derived soils developed from Wisconsin till on the Cary Lobe. Clarion, Canisteo, Nicollet, Webster, and Storden soils.

18 Nearly level and gently sloping (0-5%) prairie-derived soils developed from Wisconsin till on the Cary Lobe. Calcareous soils are common. Clarion, Harps, Canisteo, Webster, and Nicollet soils.

19 Gently sloping to very steep (2-40% +) prairie-derived soils developed from loess or loess-derived sediments. Ida, Napier, Castana, Hamburg, and Monona soils.

20 Gently sloping to moderately steep (2-18%) prairie-derived soils developed from loess or loess-derived sediments. Ida, Napier, and Monona soils.

21 Nearly level (0-2%) soils developed from alluvium. Albaton, Haynie, and Onawa soils.

22 Level and nearly level (0-2%) soils developed from alluvium. Luton, Blencoe, Keg, and Salix soils.

23 Gently sloping to moderately steep (2-18%) prairie-derived soils developed from loess. Small areas of till-derived soils are included. Ida, Monona, and Napier soils.

24 Gently to strongly sloping (2-14%) prairie-derived soils developed from loess. Marshall and Monona soils.

25 Gently sloping to moderately steep (2-18%) prairie-derived soils developed from loess, outcrops of pre-Wisconsin till, or pre-Wisconsin till-derived paleosols. Marshall, Shelby, and Adair soils.

26 Gently to strongly sloping (2-14%) prairie-derived soils developed from loess. Marshall soils.

27 Gently sloping (2-5%) prairie-derived soils developed from loess. Moody soils.

28 Level to gently sloping (0-5%) prairie-derived, moderately coarse textured soils on bottomlands and terraces. Bolan and Dickman soils.

29 Gently to strongly sloping (2-14%) prairie-derived soils developed from loess. Monona, Marshall, and Ida soils.

30 Gently to strongly sloping (2-14%) prairie-derived soils developed from loess, pre-Wisconsin till, or pre-Wisconsin till-derived paleosols. Sharpsburg, Shelby, and Adair soils.

31 Gently to strongly sloping (2-14%) prairie-derived soils developed from pre-Wisconsin till loess or pre-Wisconsin till-derived paleosols. Shelby, Sharpsburg, and Adair soils.

33 Nearly level to moderately sloping (0-9%) prairie-derived soils developed from loess or pre-Wisconsin till-derived paleosols. Sharpsburg, Macksburg, Winterset, and Clarinda soils.

34 Gently sloping to moderately steep (2-18%) prairie-derived soils developed from pre-Wisconsin till, pre-Wisconsin till-derived paleosols, or loess. Shelby, Adair, and Sharpsburg soils.

35 Nearly level to moderately sloping (0-9%) prairie-derived soils developed from loess. Grundy and Haig soils.

36 Nearly level to strongly sloping (0-14%) prairie-derived soils developed from loess, pre-Wisconsin till, or pre-Wisconsin till-derived paleosols. Grundy, Haig, Shelby, and Adair soils.

37 Gently sloping to moderately steep (2-18%) prairie to forest-derived soils developed from pre-Wisconsin till-derived paleosols, pre-Wisconsin till, or loess. Adair, Shelby, Lindley, and Grundy soils.

38 Gently sloping to steep (2-25%) forest-derived soils developed from pre-Wisconsin till or loess. Lindley and Weller soils.

39 Nearly level to moderately sloping (0-9%) prairie-derived soils developed from loess. Edina and Seymour soils.

40 Nearly level to strongly sloping (0-14%) prairie-derived soils developed from loess, pre-Wisconsin till-derived paleosols, or pre-Wisconsin till. Seymour, Edina, Clarinda, Adair, and Shelby soils.

41 Gently sloping to moderately steep (2-18%) prairie to forest-derived soils developed from pre-Wisconsin till, pre-Wisconsin till-derived paleosols, or loess. Shelby, Adair, Lindley, and Seymour soils.

42 Nearly level to gently sloping (0-5%) prairie-derived soils developed from loess. Sharpsburg, Macksburg, and Winterset soils.

43 Gently sloping to very steep (2-30%) forest-derived soils developed from pre-Wisconsin till or loess. Lindley and Clinton soils.

44 Gently to strongly sloping (2-14%) prairie to forest-derived soils developed from loess, pre-Wisconsin till-derived paleosols, or pre-Wisconsin till. Grundy, Pershing, Weller, Keswick, and Lindley soils.

45 Nearly level to gently sloping (0-5%) prairie-derived soils developed from loess. Mahaska, Otley, and Taintor soils.

46 Nearly level to strongly sloping (0-14%) prairie to forest-derived soils developed from loess, pre-Wisconsin till-derived paleosols, or pre-Wisconsin till. Otley, Mahaska, Ladoga, Clinton, and Adair soils.

47 Moderately sloping to very steep (5-30%) forest-derived soils developed from loess, pre-Wisconsin till, or pre-Wisconsin till-derived paleosols. Clinton, Lindley, and Keswick soils.

48 Moderately sloping to steep (5-24%) prairie to forest-derived soils developed from eolian sands. Chelsea and Sparta soils.

49 Nearly level to gently sloping (0-5%) prairie-derived soils developed from loess. Mahaska and Taintor soils.

50 Nearly level to moderately sloping (0-9%) prairie to forest-derived soils developed from loess. Mahaska, Taintor, Clinton, and Givin soils.

51 Gently sloping to moderately steep (2-18%) prairie to forest-derived soils developed from loess or pre-Wisconsin till. Otley, Clinton, and Lindley soils.

52 Nearly level to strongly sloping (0-14%) prairie to forest-derived soils developed from loess or pre-Wisconsin till. Mahaska, Otley, Clinton, Ladoga, and Lindley soils.

53 Nearly level to gently sloping (0-5%) prairie to forest-derived, mostly moderately coarse-textured soils on terraces. Sparta, Dickinson, Chelsea, and Waukee soils.

54 Nearly level to gently sloping (0-5%) prairie-derived, coarse-textured soils on terraces. Finchford and Sparta soils.

55 Nearly level to moderately sloping (0-9%) prairie-derived soils developed from loess. Tama and Muscatine soils.

56 Gently to strongly sloping (2-14%) prairie to forest-derived soils developed from loess. Tama, Downs, and Fayette soils.

57 Gently sloping to steep (2-25%) forest-derived soils developed from loess or pre-Wisconsin till. Fayette and Lindley soils.

58 Gently to moderately sloping (2-9%) prairie or mixed prairie, forest-derived soils developed from loess or loess over pre-Wisconsin till on the lowan Erosion Surface. Tama, Dinsdale, and Downs soils.

59 Nearly level and gently sloping (0-5%) prairie-derived soils developed from pre-Wisconsin till or loess over pre-Wisconsin till on the lowan Erosion Surface. The soils developed from till are dominantly Kenyon, Floyd, and Clyde, and the soils developed from loess over till are dominantly Dinsdale, Klinger, and Maxfield soils.

60 Nearly level to moderately sloping (0-9%) prairie and mixed prairie, forest-derived soils developed from pre-Wisconsin till on the lowan Erosion Surface. Kenyon, Clyde, Floyd, Readlyn, and Bassett soils.

61 Gently sloping (0-5%) prairie-derived soils developed from pre-Wisconsin till on the lowan Erosion Surface. Kenyon, Floyd, Readlyn, Clyde soils, and, in some places, Cresco and Protivin soils.

62 Nearly level to gently sloping (0-5%) prairie-derived soils developed from pre-Wisconsin till or loess over pre-Wisconsin till on the lowan Erosion Surface. Kenyon, Readlyn, Dinsdale, Klinger, Tripoli, Clyde, and Maxfield soils.

63 Nearly level to moderately sloping (0-9%) prairie-derived soils developed from loess over pre-Wisconsin till or from pre-Wisconsin till on the lowan Erosion Surface. Dinsdale, Klinger, Maxfield, Tama, and Kenyon soils.

64 Moderately sloping to very steep (5-40%) forest and mixed prairie-forest-derived soils developed from loess or loess over bedrock. Fayette, Downs, Dubuque, and Nordness soils and Steep Rock Land.

67 Nearly level to steep (0-40%) forest-derived soils developed from loess or loess over bedrock and adjacent areas that are too small to delineate. Fayette and Norness soils and Steep Rock Land, with smaller areas of Dubuque, Dorchester, and other adjacent soils on narrow bottomlands and terraces.

68 Gently to strongly sloping (2-14%) prairie to forest-derived soils developed from loess or sediments over bedrock on the border of the lowan Erosion Surface area and loess areas. Includes small areas of soils developed from pre-Wisconsin till. Winneshiek, Marlean, Rockton, Fayette, and Downs soils.

69 Gently sloping to moderately steep (2-18%) prairie to forest-derived soils developed from loess. Downs and smaller areas of Fayette and Tama soils.

70 Gently to strongly sloping (2-14%) prairie to forest-derived soils developed from loess or eolian sands (some undulating and hilly topography). Sparta, Fayette, Downs, Dickinson, and Backbone soils.

71 Gently and moderately sloping (2-9%) forest-derived soils developed from loess on ridgetops and loess over pre-Wisconsin till or loess over bedrock on moderately steep and steep (14-25%) sideslopes. Fayette and Dubuque soils and Steep Rock Land.

74 Nearly level and gently sloping (0-5%) prairie and mixed prairie, forest-derived soils developed from pre-Wisconsin till on the lowan Erosion Surface. Tripoli, Clyde, Readlyn, Floyd, and Oran soils.

76 Nearly level to strongly sloping (0-14%) prairie-derived soils developed from loess, loess over pre-Wisconsin till, loess over bedrock, or loess over alluvium. Tama, Dinsdale, and Dodgeville soils.

77 Gently to strongly sloping (2-14%) prairie-derived soils developed from loess, loess over pre-Wisconsin till, or pre-Wisconsin till on the lowan Erosion Surface. Tama, Dinsdale, and Kenyon soils.

78 Nearly level to moderately sloping (0-9%) prairie-derived soils developed from loess or loess over pre-Wisconsin till on the lowan Erosion Surface. Tama, Dinsdale, Muscatine, and Garwin soils.

79 Nearly level and gently sloping (0-5%) prairie-derived soils developed from loess or loess over pre-Wisconsin till on the lowan Erosion Surface. Dinsdale, Tama, Muscatine, Garwin, and Klinger soils.

80 Gently sloping to steep (2-25%) prairie to forest-derived soils developed from loess on paha. Downs, Seaton, and Tama soils.

81 Moderately sloping to steep (5-40%) forest-derived soils developed from loess or loess over bedrock. Fayette and Dubuque soils and Steep Rock Land.

82 Gently sloping to moderately steep (2-18%) prairie to forest-derived soils developed from loess or loess over pre-Wisconsin till. Downs, Fayette, Tama, and Dinsdale soils.

112 Nearly level and gently sloping (0-5%) prairie and mixed prairie, forest-derived soils developed from Wisconsin till on the Cary Lobe. Depressional and calcareous soils are common. Webster, Nicollet, Lester, Clarion, and Harps soils.

114 Nearly level to moderately sloping (0-9%) prairie and mixed prairie, forest-derived soils developed from Wisconsin till on the Cary Lobe. Clarion, Lester, Webster, Okoboji, and Nicollet soils.

115 Nearly level to moderately sloping (0-9%) forest and mixed prairie-forest-derived soils developed from Wisconsin till on the Cary Lobe. Lester and Hayden, and their somewhat poorly and poorly drained landscape associates.

116 Level to depressional (0-1%) prairie-derived soils developed from organic materials. Palms and Houghton soils.

117 Nearly level to very steep (0-40%) prairie-derived soils developed from Wisconsin till on the Cary Lobe. Includes some soils on bottomlands and terraces. Storden and Clarion soils.

127 Nearly level to very steep (0-40%) forest and mixed prairie-forest-derived soils developed from Wisconsin till on the Cary Lobe. Includes some soils on bottomlands and terraces. Hayden and Lester soils.