

1 01:00:16:22 01:00:18:10 *THE LAND--*
2 01:00:18:12 01:00:22:13 *THE RUGGED SURFACE ON WHICH*
THE AMERICAN STORY IS WRITTEN.
3 01:00:22:15 01:00:24:21 Woman:
WHAT HAPPENS OUT THERE
ON THE GROUND
4 01:00:24:23 01:00:27:15 SHAPES THE AMERICAN CHARACTER
IN SOME FUNDAMENTAL WAYS--
5 01:00:27:17 01:00:29:12 IT REFLECTS LARGER
AMERICAN PROCESSES.
6 01:00:29:14 01:00:31:19 THE WHOLE HISTORY
OF THE UNITED STATES
7 01:00:31:21 01:00:33:23 IS THAT CONSTANT MOVEMENT
WESTWARD--
8 01:00:33:25 01:00:37:04 THAT CONSTANT MARCH FROM
THE EUROPEANS TO EITHER PROGRESS
9 01:00:37:06 01:00:39:06 OR TO DECIVILIZING
THE CIVILIZATIONS
10 01:00:39:08 01:00:40:07 THAT WERE ALREADY HERE.
11 01:00:40:09 01:00:41:13 BUT I THINK THE MOVEMENT...
12 01:00:41:15 01:00:44:01 BUT THAT'S THE LAND AGAIN.
13 01:00:44:03 01:00:45:26 I MEAN, SO MANY
PLACES IN THE
UNITED STATES
14 01:00:45:28 01:00:47:06 FOR SO MUCH OF ITS HISTORY
15 01:00:47:08 01:00:49:09 HAVE BEEN THE POSSIBILITY
OF RUNNING AWAY
16 01:00:49:11 01:00:51:29 FROM WHERE YOU ARE--
OF LINING UP FOR THE TERRITORY.
17 01:00:52:01 01:00:53:08 IT'S SUCH A BIG COUNTRY...
18 01:00:54:22 01:00:56:16 *AMERICANS COULD ONLY TRAVEL*
19 01:00:56:18 01:00:59:18 *AS FAST AS A RUNNING HORSE*
COULD TAKE THEM IN 1800.
20 01:00:59:20 01:01:01:16 *BUT AS THE 19th CENTURY BEGINS*
21 01:01:01:18 01:01:04:20 *AMERICA IS ON THE MOVE.*
22 01:01:04:22 01:01:07:24 *AND THE NORTH AND THE SOUTH*
ARE CHANGING FOREVER.
23 01:01:09:05 01:01:10:22 *HISTORIANS PAULINE MAIER...*
24 01:01:10:24 01:01:13:06 SO THE CANALS MADE ALL
THE DIFFERENCE IN THE WORLD.
25 01:01:13:08 01:01:14:11 *AND STEPHEN AMBROSE...*
26 01:01:14:13 01:01:15:29 YOU CAN'T OWN ANOTHER MAN--
PERIOD.
27 01:01:16:01 01:01:17:12 *JOIN US...*
28 01:01:17:14 01:01:20:07 AND THEY TAKE ADVANTAGE OF WHAT
THE FRONTIER GIVES THEM.
29 01:01:20:09 01:01:22:02 *ON "WESTWARD EXPANSION,"*
30 01:01:22:04 01:01:24:18 *TODAY ON*
A BIOGRAPHY OF AMERICA.
31 01:01:31:12 01:01:34:21 [Captioning sponsored
by ANNENBERG/CPB]
32 01:01:54:16 01:01:56:09 WHEN PRESIDENT-ELECT
THOMAS JEFFERSON
33 01:01:56:11 01:01:58:16 WALKED THROUGH THE MUDDY STREETS
OF WASHINGTON
34 01:01:58:18 01:02:00:21 TO TAKE THE OATH OF OFFICE

35 01:02:00:23 01:02:03:03 AMERICA WAS THAT RARE
 AND WONDERFUL THING--
 36 01:02:03:05 01:02:04:13 A HOPEFUL DEMOCRACY
 37 01:02:04:15 01:02:06:26 THAT HAD JUST SEEN POWER
 PEACEFULLY TRANSFERRED
 38 01:02:06:28 01:02:08:22 FROM ONE RULING PARTY
 TO ANOTHER.
 39 01:02:08:24 01:02:10:26 IT WAS A NEW COUNTRY,
 ACHING TO GROW
 40 01:02:10:28 01:02:12:28 ACHING TO PUSH THE LIMITS
 OF THE LAND
 41 01:02:13:00 01:02:14:19 AND THE TALENTS OF ITS PEOPLE.
 42 01:02:14:21 01:02:16:01 OPTIMISTIC, RESTLESS
 43 01:02:16:03 01:02:19:04 INVIGORATED BY A VISION
 JEFFERSON GAVE A NAME TO--
 44 01:02:19:06 01:02:21:00 AN EMPIRE OF LIBERTY.
 45 01:02:21:02 01:02:24:14 AMERICA, HOWEVER, HAD TO CONTENT
 WITH TWO GREAT RIVAL POWERS
 46 01:02:24:16 01:02:27:04 THAT DOMINATED THE WORLD--
 FRANCE AND BRITAIN.
 47 01:02:27:06 01:02:28:28 BRITAIN HAD LOST
 HER 13 COLONIES
 48 01:02:29:00 01:02:31:28 AND MAINTAINED A PRESENCE ONLY
 IN WHAT IS TODAY CANADA.
 49 01:02:32:00 01:02:33:19 FRANCE WAS A DIFFERENT STORY.
 50 01:02:33:21 01:02:36:00 UNDER ITS BRILLIANT
 AND AGGRESSIVE LEADER
 51 01:02:36:02 01:02:38:01 NAPOLEON BONAPARTE,
 FRANCE HAD PLANS
 52 01:02:38:03 01:02:40:17 FOR BEATING BRITAIN
 AT ITS IMPERIAL GAME.
 53 01:02:40:19 01:02:44:05 AND THOSE PLANS INVOLVED
 AMERICA, NOT FOR THE FIRST TIME.
 54 01:02:45:21 01:02:47:09 MORE THAN A CENTURY BEFORE
 55 01:02:47:11 01:02:49:27 AN ADVENTURER, A PRIEST
 AND FIVE VOYAGEURS
 56 01:02:49:29 01:02:53:01 SET OUT IN TWO LIGHTLY OUTFITTED
 BIRCH BARK CANOES
 57 01:02:53:03 01:02:55:21 FROM A CATHOLIC MISSION ON
 THE UPPER GREAT LAKES.
 58 01:02:55:23 01:02:59:05 LOUIS JOLLIET
 AND FATHER JACQUES MARQUETTE
 59 01:02:59:07 01:03:02:08 EMBARKED WITH
 VERY DIFFERENT PURPOSES.
 60 01:03:02:10 01:03:05:04 FATHER MARQUETTE,
 A LEARNED, PASSIONATE JESUIT
 61 01:03:05:06 01:03:07:02 BELIEVED HE WAS SENT BY HIS GOD
 62 01:03:07:04 01:03:09:04 TO FIND THE SOULS
 OF PAGAN SAVAGES
 63 01:03:09:06 01:03:12:01 AND CONVERT THEM
 TO CHRISTIANITY.
 64 01:03:12:03 01:03:16:07 JOLLIET, ONLY 27 YEARS OLD BUT
 A CRACK GEOGRAPHER AND MAPMAKER
 65 01:03:16:09 01:03:20:23 WAS SENT BY THE FRENCH CROWN TO
 FIND AND CLAIM THE MISSISSIPPI.

66 01:03:20:25 01:03:22:17 NO ONE, LEAST OF ALL THE FRENCH
67 01:03:22:19 01:03:24:24 ACKNOWLEDGED THAT THE SPANIARD,
DE SOTO
68 01:03:24:26 01:03:27:10 HAD FOUND THAT RIVER
150 YEARS EARLIER.
69 01:03:30:05 01:03:32:07 MARQUETTE AND JOLLIET
MADE THEIR WAY
70 01:03:32:09 01:03:34:19 FROM THE FAR NORTHEASTERN EDGE
OF LAKE MICHIGAN
71 01:03:34:21 01:03:36:09 THROUGH PRESENT-DAY WISCONSIN
72 01:03:36:11 01:03:40:01 AND DOWN THE MISSISSIPPI RIVER,
TO TODAY WHAT IS ST. LOUIS.
73 01:03:40:03 01:03:43:16 THEY RECORDED WHAT THEY SAW WITH
GREAT ENTHUSIASM AND INTEREST.
74 01:03:43:18 01:03:45:10 THEY DESCRIBED
MONSTROUS WILDCATS
75 01:03:45:12 01:03:46:25 AND FISH AND WILD CATTLE
76 01:03:46:27 01:03:49:09 HUGE HERDS OF BISON
THAT BLACKENED THE PRAIRIE.
77 01:03:52:06 01:03:54:06 DOWNRIVER, THEY SAW CLIFF
PAINTINGS SO BEAUTIFUL
78 01:03:54:08 01:03:56:11 THAT MARQUETTE SAID,
"THE GOOD PAINTERS IN FRANCE
79 01:03:56:13 01:03:58:19 WOULD FIND IT DIFFICULT
TO PAINT SO WELL."
80 01:03:58:21 01:04:02:02 THEY SLEPT IN THE CABIN OF THE
CHIEF OF THE ILLINOIS INDIANS
81 01:04:02:04 01:04:03:17 WHO FEASTED WITH THEM.
82 01:04:03:19 01:04:07:04 THE NEXT DAY, 600 OF HIS PEOPLE
ESCORTED THEM TO THEIR CANOES.
83 01:04:07:06 01:04:10:15 FURTHER DOWNRIVER, THE TORRENTS
OF THE SWOLLEN MISSOURI RIVER
84 01:04:10:17 01:04:12:05 ALMOST OVERTURNED THEIR CANOES
85 01:04:12:07 01:04:13:28 AND ON THEIR
ARDUOUS RETURN NORTH
86 01:04:14:00 01:04:16:27 THEY PADDLED UPRIVER
THROUGH AN INLAND SEA OF GRASS--
87 01:04:16:29 01:04:18:27 THE BREATHTAKING
TALLGRASS PRAIRIE
88 01:04:18:29 01:04:20:18 THAT FILLS THE MIDDLE
OF AMERICA.
89 01:04:22:23 01:04:26:07 AMAZINGLY, THEY PADDLED MORE
THAN 2,500 MILES IN FOUR MONTHS.
90 01:04:26:09 01:04:29:06 AND IN DOING SO, THEY ETCHED
WHAT WOULD BECOME
91 01:04:29:08 01:04:32:20 THE NORTHEASTERN BOUNDARY OF
THE LOUISIANA TERRITORY--
92 01:04:32:22 01:04:36:04 A HUGE TRACT OF LAND WHICH
NAPOLEON WOULD SECRETLY BUY
93 01:04:36:06 01:04:38:29 FROM THE SPANISH IN 1800.
94 01:04:39:01 01:04:40:08 WITH THIS PIECE OF LAND
95 01:04:40:10 01:04:42:14 FRANCE COULD CONTROL
THE MISSISSIPPI RIVER
96 01:04:42:16 01:04:44:26 FROM CANADA ALL THE WAY
TO NEW ORLEANS.
97 01:04:47:29 01:04:50:01 IN 1800, THAT LAND

MEANT EVERYTHING
 98 01:04:50:03 01:04:51:24 TO PRESIDENT THOMAS JEFFERSON
 99 01:04:51:26 01:04:54:04 WITH HIS VISION OF
 AN EMPIRE OF LIBERTY.
 100 01:04:54:06 01:04:56:15 JEFFERSON HAD LONG PLANNED
 AN EXPEDITION
 101 01:04:56:17 01:04:58:28 SOON TO BE
 THE LEWIS AND CLARK EXPEDITION
 102 01:04:59:00 01:05:02:16 TO EXPLORE THE COUNTRY'S VAST
 AND WILD NORTHWEST INTERIOR.
 103 01:05:02:18 01:05:05:11 SO, IT WAS WITH GENUINE HORROR
 THAT HE RECEIVED
 104 01:05:05:13 01:05:08:11 THE NEWS OF NAPOLEON'S
 INCREDIBLE REAL ESTATE DEAL.
 105 01:05:08:13 01:05:11:02 HE KNEW THAT WHOEVER
 CONTROLLED THE MISSISSIPPI
 106 01:05:11:04 01:05:13:04 WOULD CONTROL
 HIS COUNTRY'S DESTINY.
 107 01:05:13:06 01:05:16:08 HOWEVER, IN THREE YEARS,
 NAPOLEON'S COLOSSAL AMBITIONS
 108 01:05:16:10 01:05:19:09 FOR A PRESENCE IN NORTH AMERICA
 CAME TO AN END.
 109 01:05:19:11 01:05:23:17 JEFFERSON WAS ABLE TO BUY WHAT
 HE AND OTHER AMERICANS WANTED
 110 01:05:23:19 01:05:25:06 FOR A MERE \$15 MILLION.
 111 01:05:25:08 01:05:29:18 WITH A STROKE OF THE PEN, THE
 AMERICA OF 1803 DOUBLED IN SIZE.
 112 01:05:29:20 01:05:32:03 THE LOUISIANA PURCHASE
 OPENED THE GATEWAY WEST.
 113 01:05:42:10 01:05:45:03 1800 WAS AN EXCITING YEAR
 FOR THE COUNTRY.
 114 01:05:45:05 01:05:47:18 WE'D ESTABLISHED
 OUR INDEPENDENCE
 115 01:05:47:20 01:05:48:20 WE HAVE A NEW PRESIDENT
 116 01:05:48:22 01:05:50:07 THOMAS JEFFERSON.
 117 01:05:50:09 01:05:52:00 AND WE HAVE
 AN UNEXPLORED--
 118 01:05:52:02 01:05:54:27 LARGELY-- AND UNKNOWN FRONTIER
 119 01:05:54:29 01:05:56:22 ON THE WEST...
 WEST OF THE APPALACHIANS.
 120 01:05:56:24 01:05:58:18 AMERICA HAD BEEN
 AN EVER-EXPANDING NATION
 121 01:05:58:20 01:06:01:05 BUT WE WERE
 STILL LARGELY
 A SEACOAST NATION
 122 01:06:01:07 01:06:02:19 HUGGING THE COAST.
 123 01:06:02:21 01:06:05:05 WHAT WAS OUT THERE, STEPHEN,
 BEYOND THOSE MOUNTAINS?
 124 01:06:05:07 01:06:08:07 Ambrose:
 AS YOU SAY, THE ROADS
 WERE HUGGING THE COASTLINE
 125 01:06:08:09 01:06:10:03 AND THERE WAS ALMOST
 NO SETTLEMENT
 126 01:06:10:05 01:06:12:13 OUT WEST OF
 THE APPALACHIAN MOUNTAINS.
 127 01:06:12:15 01:06:17:13 SO IT WAS UNKNOWN TERRITORY,

AND COMPLETELY WIDE OPEN.
 128 01:06:17:15 01:06:20:27 AND WHO'D IT BELONG TO
 WAS UP FOR SOME KINDS OF GRABS.
 129 01:06:20:29 01:06:23:17 I MEAN, WE HAD SIGNED A PEACE
 TREATY WITH GREAT BRITAIN
 130 01:06:23:19 01:06:25:14 THAT MADE IT A PART OF
 THE UNITED STATES
 131 01:06:25:16 01:06:27:27 BUT THE BRITS KEPT KEEPING
 THEIR FORTS DOWN THERE
 132 01:06:27:29 01:06:29:07 ON THE PART
 OF THE LAND
 133 01:06:29:09 01:06:32:04 THAT WAS SUPPOSED
 TO BELONG TO
 THE UNITED STATES
 134 01:06:32:06 01:06:34:25 BUT IT WASN'T QUITE CLEAR YET
 WHOSE IT WAS.
 135 01:06:34:27 01:06:36:02 AND THE SPANISH
 ARE STILL
 136 01:06:36:04 01:06:37:25 ON THE OTHER
 SIDE OF THE
 MISSISSIPPI RIVER.
 137 01:06:37:27 01:06:39:04 RIGHT.
 138 01:06:39:06 01:06:41:09 YEAH, AND TEXAS
 AND CALIFORNIA
 139 01:06:41:11 01:06:43:14 AND ELSEWHERE
 OUT WEST, SURE.
 140 01:06:44:19 01:06:46:11 HOW WAS
 THE LOUISIANA
 PURCHASE...
 141 01:06:46:13 01:06:49:18 1803-- HOW WAS
 THAT RECEIVED
 BY THE COUNTRY?
 142 01:06:49:20 01:06:52:05 WITH DELIRIUMS OF JOY--
 EVERYBODY WAS...
 143 01:06:52:07 01:06:53:16 IT WAS SUCH A BARGAIN
 144 01:06:53:18 01:06:56:22 AND TO GET IT WITHOUT
 HAVING TO GO TO WAR...
 145 01:06:56:24 01:06:58:07 AND WHAT PEOPLE
 WERE AFRAID OF WAS
 146 01:06:58:09 01:06:59:24 WE'RE GOING TO HAVE
 TO FIGHT NAPOLEON
 147 01:06:59:26 01:07:01:15 IN ORDER TO GET CONTROL
 OF NEW ORLEANS
 148 01:07:01:17 01:07:03:09 AND YOU HAD TO HAVE CONTROL
 OF NEW ORLEANS
 149 01:07:03:11 01:07:06:03 IF YOU WERE GOING TO MAKE
 ANYTHING OUT OF KENTUCKY
 150 01:07:06:05 01:07:09:07 AND TENNESSEE AND
 ILLINOIS AND ALL OF
 THE NORTHWEST TERRITORY.
 151 01:07:11:07 01:07:13:17 STEVE, EVERYBODY
 KNOWS... THE LEWIS
 AND CLARK EXPEDITION.
 152 01:07:13:19 01:07:14:27 SURE.
 153 01:07:14:29 01:07:18:07 WHAT'S THE REAL
 IMPORTANCE OF

154 01:07:18:09 THAT EXPEDITION?
01:07:21:00 WELL, THOMAS JEFFERSON,
WHO PURCHASED LOUISIANA
155 01:07:21:02 01:07:23:11 AND SENT LEWIS AND CLARK OUT,
HAD AN IDEA
156 01:07:23:13 01:07:26:01 THAT HAD NEVER OCCURRED
TO ANYONE ELSE BEFORE
157 01:07:26:03 01:07:28:02 AND HAD NEVER BEEN DONE
ANYWHERE BEFORE.
158 01:07:28:04 01:07:30:12 AND THAT WAS,
THAT WE'RE GOING
TO ESTABLISH
159 01:07:30:14 01:07:31:22 AN EMPIRE OF LIBERTY
160 01:07:31:24 01:07:35:05 THAT'S GOING TO STRETCH
FROM SEA TO SHINING SEA.
161 01:07:35:07 01:07:38:15 AND WHEN WE START
BRINGING IN KENTUCKY
AND TENNESSEE
162 01:07:38:17 01:07:40:18 AND ILLINOIS AND OHIO
INTO THE UNION
163 01:07:40:20 01:07:42:10 THEY'RE GOING TO COME IN
AS EQUAL STATES.
164 01:07:42:12 01:07:45:09 THEY'RE GOING TO HAVE
ALL THE SAME RIGHTS
AND PRIVILEGES
165 01:07:45:11 01:07:48:09 AS NEW HAMPSHIRE OR VIRGINIA
OR NEW YORK
166 01:07:48:11 01:07:49:29 OR THE ORIGINAL 13 COLONIES
167 01:07:50:01 01:07:52:21 AND WE'RE GOING TO GO ACROSS
THE MISSISSIPPI WITH THAT
168 01:07:52:23 01:07:55:25 AND WE'RE GOING TO GO ALL THE
WAY TO THE WEST COAST WITH IT.
169 01:07:55:27 01:07:57:19 AND WHEN HE SENT
LEWIS AND CLARK OUT
170 01:07:57:21 01:08:00:08 IT WASN'T JUST THAT
THEY EXPLORED UP
THE MISSOURI RIVER
171 01:08:00:10 01:08:03:11 AND BROUGHT BACK
THE FIRST DESCRIPTION
OF WHAT'S OUT THERE
172 01:08:03:13 01:08:04:17 IN THAT
LOUISIANA PURCHASE.
173 01:08:04:19 01:08:05:25 THEY CROSSED
THE MOUNTAINS...
174 01:08:05:27 01:08:07:10 MOUNTAINS, YEAH.
175 01:08:07:12 01:08:10:25 AND THEY WENT INTO
THE GREAT NORTHWESTERN
EMPIRE OF OREGON
176 01:08:10:27 01:08:13:02 AND WASHINGTON
AND IDAHO
177 01:08:13:04 01:08:17:19 AND THEY BROUGHT
THAT AREA INTO
THE UNITED STATES
178 01:08:17:21 01:08:19:24 AT A TIME WHEN JEFFERSON
HAD THIS IDEA--
179 01:08:19:26 01:08:22:09 WE'RE GOING TO HAVE

180 01:08:22:11 THIS EMPIRE OF LIBERTY.
 01:08:23:19 IT'S GOING TO GO
 THE WHOLE WAY.
 181 01:08:23:21 01:08:26:27 NOW, DID JEFFERSON,
 OR LEWIS AND CLARK
 182 01:08:26:29 01:08:29:13 OR THE THREE OF THEM TOGETHER
 183 01:08:29:15 01:08:33:26 HAVE DISCUSSIONS ABOUT HOW
 THIS UNTRACKED WILDERNESS
 184 01:08:33:28 01:08:35:05 WAS GOING TO BE PEOPLED?
 185 01:08:35:07 01:08:36:13 WELL, JEFFERSON THOUGHT...
 186 01:08:36:15 01:08:38:11 HERE WE ARE, BEFORE
 THE STEAMBOAT...
 187 01:08:38:13 01:08:40:19 JEFFERSON THOUGHT
 IT WOULD TAKE A
 HUNDRED GENERATIONS.
 188 01:08:40:21 01:08:42:13 YEAH, EXACTLY--
 A HUNDRED GENERATIONS.
 189 01:08:42:15 01:08:44:13 IT'S BEFORE STEAMBOATS,
 AND THE STEAMBOAT...
 190 01:08:44:15 01:08:45:26 WHEN LEWIS AND CLARK
 CAME BACK
 191 01:08:45:28 01:08:48:04 NOTHING MOVED ANY
 FASTER THAN IT HAD
 WHEN THEY LEFT.
 192 01:08:48:06 01:08:49:19 Miller:
 RIGHT.
 193 01:08:49:21 01:08:50:25 GEORGE WASHINGTON
 194 01:08:50:27 01:08:53:15 OR THOMAS JEFFERSON
 OR ANDREW JACKSON
 195 01:08:53:17 01:08:55:24 COULDN'T MOVE ANYPLACE
 ANY FASTER
 196 01:08:55:26 01:08:58:01 THAN NAPOLEON COULD,
 OR CAESAR.
 197 01:08:58:03 01:08:59:01 NO TELEGRAPH.
 198 01:08:59:03 01:09:00:24 THEY COULDN'T...
 NOTHING.
 199 01:09:00:26 01:09:01:28 YOU COULDN'T MOVE IDEAS
 200 01:09:02:00 01:09:04:05 YOU COULDN'T MOVE MAIL,
 YOU COULDN'T...
 201 01:09:04:07 01:09:05:29 AS FAST AS
 A HORSE COULD RUN--
 202 01:09:06:01 01:09:07:29 THAT'S THE FASTEST
 THAT ANYTHING COULD MOVE.
 203 01:09:08:01 01:09:09:19 BUT DID ANYBODY
 HAVE ANY IDEA
 204 01:09:09:21 01:09:12:04 HOW MUCH THERE WAS
 WEST OF THOSE MOUNTAINS?
 205 01:09:12:06 01:09:14:29 DID ANYBODY HAVE ANY IDEA
 THE SIZE OF THE CONTINENT?
 206 01:09:15:01 01:09:16:12 WELL, THEY...
 OH, YES, THEY DID
 207 01:09:16:14 01:09:18:21 BECAUSE THE MOUTH
 OF THE COLUMBIA
 HAD BEEN DISCOVERED.
 208 01:09:18:23 01:09:20:14 AND SO THEY KNEW
 HOW FAR THE COLUMBIA...

209 01:09:20:16 01:09:21:14 EVERYTHING STRETCHED.
 210 01:09:21:16 01:09:22:27 THEY DIDN'T KNOW
 WHAT WAS THERE--
 211 01:09:22:29 01:09:25:02 THEY DIDN'T KNOW
 WHAT THE ROCKY
 MOUNTAINS WERE LIKE.
 212 01:09:25:04 01:09:26:21 THEY THOUGHT THEY WERE
 GOING TO BE LIKE
 213 01:09:26:23 01:09:27:25 THE APPALACHIAN
 MOUNTAINS.
 214 01:09:27:27 01:09:29:19 WELL, YOU KNOW,
 THE ROCKY MOUNTAINS
 215 01:09:29:21 01:09:31:14 ARE A LITTLE BIT BIGGER
 THAN THAT.
 216 01:09:31:16 01:09:35:17 IT'S LIKE 160 MILES
 OF ROCKY MOUNTAINS
 OUT THERE.
 217 01:09:35:19 01:09:37:06 AND WAY, WAY BIGGER
 THAN ANYTHING
 218 01:09:37:08 01:09:38:27 IN THE EASTERN PART
 OF THE UNITED STATES.
 219 01:09:38:29 01:09:41:11 BUT THEY KNEW THAT
 THERE WAS A LOT OF WEALTH
 220 01:09:41:13 01:09:43:06 OUT THERE IN THAT
 COLUMBIA RIVER.
 221 01:09:43:08 01:09:45:24 THERE WERE A LOT OF INDIANS
 LIVING OUT THERE.
 222 01:09:45:26 01:09:47:18 THERE WAS A LOT OF FURS
 OUT THERE.
 223 01:09:47:20 01:09:51:18 THERE WAS A BIG COUNTRY
 OUT THERE THAT--
 224 01:09:51:20 01:09:54:00 AND THIS GETS US BACK TO
 THIS EMPIRE OF LIBERTY.
 225 01:09:54:02 01:09:55:08 ISN'T IT
 INTERESTING,
 THOUGH
 226 01:09:55:10 01:09:58:06 HOW MANY TIMES
 THE COUNTRY
 WAS DISCOVERED?
 227 01:09:58:08 01:09:59:13 I MEAN, DE SOTO
 228 01:09:59:15 01:10:01:17 SO-CALLED "DISCOVERS"
 THE MISSISSIPPI RIVER.
 229 01:10:01:19 01:10:02:22 MARQUETTE AND JOLLIET
 230 01:10:02:24 01:10:04:14 "DISCOVER"
 THE MISSISSIPPI RIVER.
 231 01:10:04:16 01:10:06:22 LaSALLE GOES TO
 THE MOUTH OF
 THE MISSISSIPPI.
 232 01:10:06:24 01:10:09:28 NOW, HERE ARE THE FRENCH,
 IN THE LATE 17th CENTURY
 233 01:10:10:00 01:10:11:05 THEY HAVE
 A VISION OF EMPIRE
 234 01:10:11:07 01:10:12:20 ALMOST LIKE
 THE LOUISIANA
 PURCHASE--
 235 01:10:12:22 01:10:14:19 IT'S GOING TO RUN

236 01:10:14:21 NORTH TO SOUTH
 01:10:17:03 FROM QUEBEC AND
 MONTREAL ALL THE
 237 01:10:17:05 01:10:18:16 IT WAS THE ONLY OUTLET...
 238 01:10:18:18 01:10:20:17 WHAT WAS THE
 REAL IMPORTANCE
 OF NEW ORLEANS?
 239 01:10:20:19 01:10:22:16 IT WAS THE ONLY OUTLET
 TO THE WORLD'S MARKETS.
 240 01:10:22:18 01:10:24:06 ON THE
 MISSISSIPPI.
 241 01:10:24:08 01:10:26:26 YOU COULDN'T MOVE THE CORN OR
 THE WHEAT OR OTHER PRODUCTS...
 242 01:10:26:28 01:10:29:02 YOU COULDN'T MOVE THEM
 OVER THE MOUNTAINS.
 243 01:10:29:04 01:10:30:11 YOU COULD PUT THEM ON A BOAT
 244 01:10:30:13 01:10:32:03 AND BRING THEM DOWN
 THE MISSISSIPPI RIVER
 245 01:10:32:05 01:10:35:12 BUT AS LONG AS THE SPANISH
 CONTROLLED NEW ORLEANS
 246 01:10:35:14 01:10:37:24 AND THEN, THE FRENCH,
 IMMEDIATELY AFTER THE SPANISH--
 247 01:10:37:26 01:10:39:28 THEY GOT IT FROM THE SPANISH.
 248 01:10:40:00 01:10:41:06 YOU DON'T HAVE AN OUTLET.
 249 01:10:41:08 01:10:42:08 MM-HMM.
 250 01:10:42:10 01:10:43:28 AND JEFFERSON HAD
 ORIGINALLY THOUGHT
 251 01:10:44:00 01:10:45:26 HE WAS GOING
 TO JUST BE
 BUYING NEW ORLEANS
 252 01:10:45:28 01:10:47:18 BUT NAPOLEON SAID,
 THE HELL WITH IT--
 253 01:10:47:20 01:10:48:18 THE WHOLE THING.
 254 01:10:48:20 01:10:49:27 WE CAN'T HOLD IT ANYWAY.
 255 01:10:49:29 01:10:51:16 WHAT ARE WE GOING TO DO
 WITH MISSOURI?
 256 01:10:51:18 01:10:53:09 WHAT ARE WE GOING TO DO
 WITH THE DAKOTAS?
 257 01:10:53:11 01:10:54:26 WHAT ARE WE GOING TO DO
 WITH MONTANA?
 258 01:10:54:28 01:10:56:15 WHAT ARE WE GOING TO DO
 WITH ARKANSAS?
 259 01:10:56:17 01:10:58:22 THERE WASN'T ANYTHING
 THE FRENCH COULD DO WITH THEM.
 260 01:10:58:24 01:10:59:26 SELL THE WHOLE
 DAMN THING.
 261 01:10:59:28 01:11:00:29 (*laughs*)
 262 01:11:01:01 01:11:02:07 AND HE DID.
 263 01:11:02:09 01:11:04:07 YEAH-- BUT AT
 THE SAME TIME
 THERE ARE PEOPLE
 264 01:11:04:09 01:11:07:07 BEGINNING TO POUR
 INTO THE OHIO VALLEY,
 RIGHT, PAULINE?
 265 01:11:07:09 01:11:08:25 RIGHT, AND

266 01:11:08:27 THE ONE EXCEPTION
 01:11:12:00 TO THE UNOCCUPIED CHARACTER
 OF THE TRANSAPPALACHIAN WEST--
 267 01:11:12:02 01:11:14:07 RATHER BIG EXCEPTION,
 VERY IMPORTANT TO THE STORY--
 268 01:11:14:09 01:11:15:10 KENTUCKY AND TENNESSEE.
 269 01:11:15:12 01:11:16:21 YEAH.
 270 01:11:16:23 01:11:20:06 PEOPLE START POURING IN THERE
 IN THE 1780s
 271 01:11:20:08 01:11:22:20 AND IT'S AMAZING, ACTUALLY
 272 01:11:22:22 01:11:24:23 WHEN YOU THINK OF THE SIZE
 OF THE MIGRATION.
 273 01:11:24:25 01:11:27:02 THERE MAY BE 10,000 PEOPLE
 IN KENTUCKY IN 1780...
 274 01:11:27:04 01:11:29:08 NOW, WHERE ARE
 THEY COMING FROM,
 VIRGINIA, LARGELY?
 275 01:11:29:10 01:11:32:12 AND THEY GO UP FOR 110,000,
 A DECADE LATER.
 276 01:11:32:14 01:11:34:09 I MEAN, IT'S MORE THAN
 THE WHOLE MIGRATION
 277 01:11:34:11 01:11:35:15 OF THE 17th CENTURY.
 278 01:11:35:17 01:11:38:26 IT'S A MASSIVE MOVEMENT
 OF POPULATION.
 279 01:11:38:28 01:11:41:08 THIS IS LARGELY
 A MIGRATION PATTERN
 OUT OF PENNSYLVANIA
 280 01:11:41:10 01:11:42:22 THROUGH WEST VIRGINIA,
 VIRGINIA...
 281 01:11:42:24 01:11:44:08 PENNSYLVANIA,
 WEST VIRGINIA-- RIGHT.
 282 01:11:44:10 01:11:45:09 DOWN INTO
 THE CAROLINAS
 283 01:11:45:11 01:11:46:21 ACROSS THE LINE
 OF THE MOUNTAINS.
 284 01:11:46:23 01:11:48:27 AND, TO SOME EXTENT, FROM...
 285 01:11:48:29 01:11:50:21 WELL, THE DAVIS FAMILY
 COMES FROM GEORGIA.
 286 01:11:50:23 01:11:51:21 JEFFERSON DAVIS.
 287 01:11:51:23 01:11:52:29 JEFFERSON DAVIS, RIGHT.
 288 01:11:53:01 01:11:54:24 AND THE LINCOLN
 FAMILY'S A
 KENTUCKY FAMILY.
 289 01:11:54:26 01:11:56:18 ABSOLUTELY.
 290 01:11:54:26 01:11:56:18 YEAH.
 291 01:11:56:20 01:11:58:27 AND THERE'S
 JEFFERSON DAVIS
 AND ABRAHAM LINCOLN
 292 01:11:58:29 01:12:00:16 BORN WITHIN A YEAR
 OF EACH OTHER
 293 01:12:00:18 01:12:02:03 IN THE SAME STATE--
 KENTUCKY.
 294 01:12:02:05 01:12:06:03 ONE FAMILY--
 LINCOLN'S FATHER
 OPPOSED TO SLAVERY
 295 01:12:06:05 01:12:07:28 MIGRATES OUT

296 01:12:08:00 TO INDIANA
 01:12:09:13 AND THE
 OTHER FAMILY--
 297 01:12:09:15 01:12:11:14 A SMALL
 SLAVEHOLDING
 FAMILY--
 298 01:12:11:16 01:12:14:11 MIGRATES OUT
 TO MISSISSIPPI,
 NEAR VICKSBURG.
 299 01:12:14:13 01:12:17:17 AND THEY WERE BORN,
 AS YOU SAY, WITHIN
 A YEAR OF EACH OTHER
 300 01:12:17:19 01:12:20:00 AT A TIME WHEN
 THERE WERE STEAMBOATS--
 301 01:12:20:02 01:12:21:15 FULTON HAD INVENTED
 THE STEAMBOAT--
 302 01:12:21:17 01:12:22:22 WELL, WHEN THEY WERE KIDS
 303 01:12:22:24 01:12:24:02 FULTON HAD INVENTED
 THE STEAMBOAT
 304 01:12:24:04 01:12:25:28 AND YOU COULD GO UPRIVER
 FOR THE FIRST TIME
 305 01:12:26:00 01:12:27:23 WITHOUT HAVING TO PADDLE
 YOUR WAY UPRIVER.
 306 01:12:27:25 01:12:28:23 YEAH.
 307 01:12:28:25 01:12:30:08 NO RAILROADS.
 308 01:12:30:10 01:12:34:17 WITHOUT RAILROADS,
 HOW IS THIS... HOW
 IS THE WEST SETTLED?
 309 01:12:34:19 01:12:36:01 WHAT ARE THE
 PRIMARY TECHNOLOGIES
 310 01:12:36:03 01:12:37:22 THAT ALLOW
 THIS SETTLEMENT
 TO TAKE PLACE
 311 01:12:37:24 01:12:40:05 GIVEN THE
 ABSOLUTELY ABYSMAL
 ROAD SYSTEMS?
 312 01:12:40:07 01:12:43:06 IT'S ON TO
 THE MISSISSIPPI
 313 01:12:43:08 01:12:49:08 AND IT'S... THE WORLD
 WAS MADE UP OF WATER--
 314 01:12:49:10 01:12:51:07 BODIES OF WATER,
 INTERRUPTED BY LAND
 315 01:12:51:09 01:12:52:18 AND THAT CONTINUED
 TO BE TRUE...
 316 01:12:52:20 01:12:54:08 THAT'S A
 WONDERFUL WAY
 OF PUTTING IT--
 317 01:12:54:10 01:12:55:14 I MEAN, THAT WHOLE...
 318 01:12:55:16 01:12:57:01 PEOPLE HAVE THIS IMAGE
 OF EVERYBODY
 319 01:12:57:03 01:12:59:13 JUST POURING OUT OF THERE
 IN CONESTOGA WAGONS OR ON FOOT
 320 01:12:59:15 01:13:02:20 AND DON'T APPRECIATE, I THINK,
 THE MAGNIFICENT WATERWAY SYSTEMS
 321 01:13:02:22 01:13:04:20 THAT WE HAD
 AND HOW MANY SETTLERS WENT WEST

322 01:13:04:22 01:13:05:27 ON THESE WATERWAYS.
 323 01:13:05:29 01:13:07:17 WENT WEST ON
 THE WATERWAYS
 324 01:13:07:19 01:13:10:03 AND SHIPPED THEIR PRODUCE
 TO MARKET ON THE WATERWAYS
 325 01:13:10:05 01:13:12:18 AND THE WATERWAYS WERE
 THE KEY TO EVERYTHING.
 326 01:13:12:20 01:13:14:19 THE OHIO
 COMES DOWN
 327 01:13:14:21 01:13:16:02 THE MISSOURI
 COMES DOWN
 328 01:13:16:04 01:13:17:14 ALL THESE TRADE...
 329 01:13:17:16 01:13:19:21 RIGHT SMACK IN
 THE MIDDLE OF
 THE CONTINENT.
 330 01:13:19:23 01:13:21:08 AND THE TENNESSEE,
 AND THE ILLINOIS
 331 01:13:21:10 01:13:23:18 AND THEY ALL
 COME TOGETHER
 IN THE MISSISSIPPI
 332 01:13:23:20 01:13:25:14 AND FLOW DOWN
 TO NEW ORLEANS
 AND FLOW ON OUT.
 333 01:13:25:16 01:13:28:02 AND THE WHOLE OF THE CONTINENT
 IS ONE TRANSPORTATION SYSTEM.
 334 01:13:28:04 01:13:31:16 RIGHT, RIGHT.
 335 01:13:31:18 01:13:33:02 CANALS: ARE WE...
 336 01:13:33:04 01:13:35:06 Maier:
 CANALS, ABSOLUTELY CRITICAL--
 I WAS THINKING:
 337 01:13:35:08 01:13:38:17 HOW IMPORTANT WAS
 THE SOUTHERN MARKET
 TO THE WEST
 338 01:13:38:19 01:13:41:14 TO THE UPPER REACHES
 OF THE RIVER TO THE
 NORTHWEST TERRITORY?
 339 01:13:41:16 01:13:45:15 WHICH IS, OF COURSE, WHERE,
 AFTER THE 1780s AND 1790s
 340 01:13:45:17 01:13:47:23 A GOOD MANY IMMIGRANTS
 WERE GOING--
 341 01:13:47:25 01:13:49:22 FROM NEW ENGLAND, PARTICULARLY.
 342 01:13:49:24 01:13:53:19 UH, WE KNOW THAT THE ONLY WAY
 THEY COULD SELL THEIR PRODUCTS
 343 01:13:53:21 01:13:55:00 WAS DOWN THE RIVER
 344 01:13:55:02 01:13:57:01 AND A GREAT AMOUNT
 WAS SHIPPED TO NEW ORLEANS
 345 01:13:57:03 01:13:59:07 BUT YOU KNOW,
 IT WASN'T CONSUMED IN THE SOUTH.
 346 01:13:59:09 01:14:02:09 SOME OF IT WAS BUT THE GREATER
 PART OF IT WAS RE-EXPORTED
 347 01:14:02:11 01:14:05:10 OUT OF NEW ORLEANS TO EUROPE
 AND TO THE NORTHEAST
 348 01:14:05:12 01:14:06:23 SO YOU HAD TO GO
 ALL THE WAY DOWN
 349 01:14:06:25 01:14:08:23 AND THEN ALL THE WAY UP AGAIN.
 350 01:14:08:25 01:14:11:11 SO, THE CANALS MADE ALL

351 01:14:11:13 THE DIFFERENCE IN THE WORLD
 01:14:15:05 AND I THINK, ULTIMATELY, THEY
 HAD SOME POLITICAL SIGNIFICANCE.
 352 01:14:15:07 01:14:17:01 YOU, YOU DIDN'T SEE
 THE EFFECT RIGHT AWAY.
 353 01:14:17:03 01:14:20:16 1825, THE ERIE CANAL IS,
 IS COMPLETED.
 354 01:14:20:18 01:14:22:12 IT REALLY TOOK
 ANOTHER TWO DECADES
 355 01:14:22:14 01:14:26:01 UNTIL ALL THESE ANCILLARY CANALS
 ARE BUILT IN OHIO
 356 01:14:26:03 01:14:29:23 AND THEN YOU SAW A MASSIVE
 CHANGE OF THE DIRECTION
 357 01:14:29:25 01:14:34:10 OF WESTERN TRADE, NOT SOUTH,
 BUT EAST AND NORTH.
 358 01:14:34:12 01:14:36:29 AND THE RAILROADS
 HAD JUST CONSOLIDATED THAT.
 359 01:14:37:01 01:14:40:22 AND IT'S THE NORTHEAST
 THAT IS, UH, A REAL CUSTOMER.
 360 01:14:40:24 01:14:42:15 BECAUSE THEY'RE MOVING
 361 01:14:42:17 01:14:44:16 INCREASINGLY TOWARD
 INDUSTRIALIZATION
 362 01:14:44:18 01:14:48:09 TO A MORE SPECIALIZED ECONOMY
 AND THEY HAVE A FOOD DEFICIT.
 363 01:14:48:11 01:14:50:25 SO, THE WEST,
 THE WEST FEEDS THE NORTHEAST.
 364 01:14:50:27 01:14:53:23 IT HAD ALWAYS BEEN
 THE THEORY THAT THE,
 IT WAS THE RAILROADS
 365 01:14:53:25 01:14:55:03 THAT FIRST CONNECTED
 THE TWO
 366 01:14:55:05 01:14:56:18 BUT THE SOUTHERN
 DRIVING CANALS
 367 01:14:56:20 01:14:57:28 ACTUALLY TURNED
 THE OTHER WAY
 368 01:14:58:00 01:14:59:15 AND WENT OUT
 THERE LIKE THAT.
 369 01:14:59:17 01:15:02:29 BUT IT'S A RELATIVELY SHORT
 PERIOD, REALLY, THE CANAL ERA.
 370 01:15:03:01 01:15:04:16 IT MIGHT HAVE
 DONE THE TRICK BUT--
 371 01:15:04:18 01:15:06:05 PERFECTLY
 IN KEEPING WITH THIS IDEA
 372 01:15:06:07 01:15:07:18 THAT WATER IS HOW YOU TRAVEL.
 373 01:15:07:20 01:15:09:03 WATER IS THE KEY,
 LOOK AT FULTON.
 374 01:15:09:05 01:15:11:11 THE STEAMBOAT
 OBVIOUSLY HAD AN
 ENORMOUS IMPACT
 375 01:15:11:13 01:15:13:07 ON SOUTHERN DEVELOPMENT,
 RIGHT, DIDN'T IT?
 376 01:15:13:09 01:15:15:00 Ambrose:

 377 01:15:15:02 YEAH, SURE, VERY MUCH SO.
 01:15:17:02 THE ABILITY TO BE ABLE
 TO GO UPSTREAM...

378 01:15:17:04 01:15:20:27 BEFORE THE STEAMBOAT,
 IF YOU MADE TEN MILES A DAY
 379 01:15:20:29 01:15:22:26 GOING UPSTREAM,
 THAT WAS A HELL
 OF A GOOD DAY.
 380 01:15:22:28 01:15:24:17 IT WAS WITH
 WHAT, POLES?
 381 01:15:24:19 01:15:25:18 A SIX MILE CURRENT--
 382 01:15:25:20 01:15:27:01 A SIX MILE PER
 HOUR CURRENT
 383 01:15:27:03 01:15:28:08 THE MISSISSIPPI RIVER.
 384 01:15:28:10 01:15:30:11 RIGHT, GO OUT AND
 TRY IT TODAY
 IN A CANOE
 385 01:15:30:13 01:15:33:19 AND YOU'LL FIND OUT IN
 A HURRY WHAT IT MEANT
 TO GO UPSTREAM.
 386 01:15:33:21 01:15:37:06 AND ONLY MUSCLE-POWER
 TO DO IT WITH OR YOU
 COULD GET HORSES
 387 01:15:37:08 01:15:40:26 ON LAND TO DRAW THE
 THINGS ALONG BUT THE
 TURNS IN THE RIVER
 388 01:15:40:28 01:15:43:05 AND OTHER THINGS
 MADE THAT VERY,
 VERY DIFFICULT.
 389 01:15:43:07 01:15:45:19 IT WAS A LOT EASIER ON
 THE CANAL, TO USE HORSES
 390 01:15:45:21 01:15:47:04 YEAH, YEAH, ON THE SIDE.
 391 01:15:47:06 01:15:49:14 TO PULL BARGES
 ALONG THE CANAL,
 THEY WERE STRAIGHT.
 392 01:15:49:16 01:15:50:28 THE RIVERS--
 393 01:15:51:00 01:15:53:06 THEY SENT SAILBOATS
 AHEAD OF SOME OF
 THESE KEELBOATS.
 394 01:15:53:08 01:15:54:14 THE SAILBOAT WOULD...
 395 01:15:54:16 01:15:56:02 WRAP A ROPE
 AROUND A TREE
 396 01:15:56:04 01:15:58:10 AND THEN THEY'D PULL
 THEMSELVES UP THE
 RIVER LIKE THIS.
 397 01:15:58:12 01:15:59:25 (*laughing*)
 398 01:15:59:27 01:16:01:25 YEAH, NO, THIS WAS
 NOT A VIABLE SYSTEM.
 399 01:16:01:27 01:16:04:07 TO SEE A BOAT
 GOING UP RIVER...
 400 01:16:04:09 01:16:06:23 Ambrose:
 OH, BOY, A WHOLE
 NEW WORLD.
 401 01:16:06:25 01:16:08:07 YEAH, AND IT WAS.
 402 01:16:08:09 01:16:10:07 HOW AMAZING IT IS, THAT
 THAT SOUTHERN FRONTIER
 403 01:16:10:09 01:16:13:15 DEVELOPED IN SUCH A DIFFERENT
 WAY THAN THE NORTHERN FRONTIER.
 404 01:16:13:17 01:16:15:02 THEY'RE BOTH AGRICULTURAL...

405 01:16:15:04 01:16:17:19 THAT'S ONE OF THE MOST INTERESTING THINGS ABOUT THE COUNTRY:

406 01:16:17:21 01:16:19:19 SIMILAR PIONEERS, GOING AT THE SAME TIME

407 01:16:19:21 01:16:21:19 GOING INTO TWO REGIONS OF THE COUNTRY...

408 01:16:21:21 01:16:23:08 BUT CREATING VERY DIFFERENT ECONOMIES

409 01:16:23:10 01:16:24:20 AND VERY DIFFERENT SOCIETIES.

410 01:16:24:22 01:16:26:16 TREMENDOUSLY DIFFERENT POLITICAL CULTURES.

411 01:16:26:18 01:16:29:05 I MEAN, YOU DIDN'T GET ANY CITIES EXCEPT NEW ORLEANS

412 01:16:29:07 01:16:33:17 DEVELOPING LIKE CINCINNATI OR PITTSBURGH OR, UH, ST. LOUIS

413 01:16:33:19 01:16:35:02 LOUISVILLE.

414 01:16:35:04 01:16:37:18 THESE WERE MANUFACTURING CENTERS, THEY WERE RETAIL CENTERS;

415 01:16:37:20 01:16:39:24 YOU JUST DIDN'T GET THAT IN THE COTTON SOUTH.

416 01:16:39:26 01:16:40:25 WHAT EXPLAINS THAT?

417 01:16:40:27 01:16:41:28 WELL, I...

418 01:16:42:00 01:16:43:20 ELI WHITNEY.

419 01:16:43:22 01:16:44:23 ELI WHITNEY.

420 01:16:44:25 01:16:46:04 EXPLAINS A LOT OF IT.

421 01:16:46:06 01:16:47:23 WELL, THAT EXPLAINS WHY YOU HAD

422 01:16:47:25 01:16:49:22 THE GROWTH OF COTTON INTO THAT AREA, BUT...

423 01:16:49:24 01:16:51:15 AND THE ABILITY TO GROW COTTON

424 01:16:51:17 01:16:55:00 AND THE FERTILITY OF THE SOIL, AND THE HEAT IN THE SOUTH

425 01:16:55:02 01:16:56:15 AND ALL OF THESE COMBINED.

426 01:16:56:17 01:16:58:19 I MEAN, YOU COULD GROW THE HELL OUT OF COTTON THERE

427 01:16:58:21 01:17:00:02 AND BECAUSE OF ELI WHITNEY

428 01:17:00:04 01:17:01:29 YOU COULD MAKE THAT COTTON AVAILABLE ON THE MARKET

429 01:17:02:01 01:17:03:08 AND THEN YOU COULD SHIP IT OFF.

430 01:17:03:10 01:17:04:19 THEY COULD ALWAYS GROW COTTON--

431 01:17:04:21 01:17:06:18 THEY COULDN'T GET ENOUGH OF IT IN ENGLAND.

432 01:17:06:20 01:17:08:05 THE PROBLEM WAS, OF COURSE...

433 01:17:08:07 01:17:09:06 GETTING THE

434 01:17:09:08 SEED OUT.
 01:17:10:12 GETTING THE
 SEED OUT.
 435 01:17:10:14 01:17:12:03 WHEN WHITNEY
 INVENTS HIS GIN
 436 01:17:12:05 01:17:14:03 A SLAVE COULD DO
 THAT WORK IN
 A HALF A DAY
 437 01:17:14:05 01:17:17:22 WHEREAS BEFORE, IT
 TOOK 33 DAYS TO DO.
 438 01:17:17:24 01:17:20:11 AND THAT INVENTION,
 OF COURSE, IS WHAT, 1783?
 439 01:17:20:13 01:17:22:20 1793, YEAH.
 440 01:17:22:22 01:17:25:25 1793, AND UH, HE
 DOES IT ON HIS
 SAVANNAH PLANTATION
 441 01:17:25:27 01:17:28:02 AND EVERYBODY
 STEALS IT (*laughs*).
 442 01:17:28:04 01:17:29:22 IT HAD, IT HAD AN EFFECT
 443 01:17:29:24 01:17:31:22 THAT CANNOT BE
 FULLY MEASURED.
 444 01:17:31:24 01:17:34:05 IT MADE THAT LAND
 MORE VALUABLE
 445 01:17:34:07 01:17:36:29 IT MADE THE SLAVE SYSTEM
 MUCH MORE VALUABLE.
 446 01:17:37:01 01:17:40:11 IT MEANT THAT SOMEONE
 LIKE THOMAS JEFFERSON,
 FOR EXAMPLE, COULD
 447 01:17:40:13 01:17:42:16 MAKE HIS LIVING,
 NOT BY--
 448 01:17:42:18 01:17:44:19 YOU KNOW, VIRGINIA'S
 SOIL WAS
 449 01:17:44:21 01:17:47:08 PRETTY WELL WORN OUT
 BY THIS TIME--
 450 01:17:47:10 01:17:50:22 BUT YOU COULD,
 YOU COULD SELL
 THOSE EXCESS SLAVES
 451 01:17:50:24 01:17:53:08 BECAUSE THEY HAD
 TO HAVE THOSE SLAVES
 IN ALABAMA
 452 01:17:53:10 01:17:54:29 THEY HAD TO HAVE THEM
 IN MISSISSIPPI
 453 01:17:55:01 01:17:57:10 THEY HAD TO HAVE THEM
 IN LOUISIANA
 454 01:17:57:12 01:17:59:17 AND THE VALUE OF SLAVES
 WENT LIKE THIS
 455 01:17:59:19 01:18:02:18 AND YOU HAD EXCESS SLAVES
 ALL THE TIME
 456 01:18:02:20 01:18:04:04 ON THESE VIRGINIA
 PLANTATIONS.
 457 01:18:04:06 01:18:07:08 AND SO SLAVERY BECAME THE KEY
 TO VIRGINIA'S ECONOMY
 458 01:18:07:10 01:18:10:05 NOT BECAUSE OF WHAT
 THE SLAVES COULD
 GROW, SO MUCH
 459 01:18:10:07 01:18:12:21 AS WHAT YOU COULD

460 01:18:12:23 01:18:14:18 SELL THE SLAVES FOR.
 461 01:18:14:20 01:18:15:29 SELL 'EM DOWN THE RIVER.
 462 01:18:16:01 01:18:17:28 NEW ORLEANS AND NATCHEZ
 WERE THE TWO
 BIG SLAVE MARKETS
 DOWN THERE.
 463 01:18:18:00 01:18:20:06 SO YOU DIDN'T
 HAVE TO BRING YOUR
 SLAVES WITH YOU
 464 01:18:20:08 01:18:21:13 WHEN YOU SETTLED
 OUT THERE
 465 01:18:21:15 01:18:22:25 THE SLAVE TRADERS
 WERE THERE.
 466 01:18:22:27 01:18:25:00 AND AS SOON AS
 YOU HAD ANY CAPITAL--
 467 01:18:25:02 01:18:26:24 THAT WAS THE KEY,
 THE LAND WAS SO CHEAP.
 468 01:18:26:26 01:18:28:15 THERE WERE LAND GRANTS
 IN BOTH AREAS:
 469 01:18:28:17 01:18:31:08 IN THE NORTHWEST AS WELL AS IN
 THE SOUTHEAST... AND SOUTHWEST.
 470 01:18:31:10 01:18:32:22 AND, UM...
 471 01:18:32:24 01:18:35:28 BUT THINK-- JOHN,
 THINK OF THE DIFFERENCE--
 472 01:18:36:00 01:18:39:04 IF YOUR "FAMILY,"
 TO USE JEFFERSON'S TERM
 473 01:18:39:06 01:18:43:14 INCLUDED A LARGE CONTINGENT
 OF SLAVES, UH, THOSE SLAVES
 474 01:18:43:16 01:18:46:08 EVEN AS ADULTS, AREN'T GOING
 TO BE PART OF A MARKET ECONOMY.
 475 01:18:46:10 01:18:49:26 THEY'RE NOT, THEY'RE NOT GOING
 TO BE GOING TO THE LOCAL STORE
 476 01:18:49:28 01:18:51:12 TO BUY SOMETHING.
 477 01:18:51:14 01:18:54:05 UH, SO YOU DON'T NEED RETAILING
 CENTERS IN THE SAME WAY
 478 01:18:54:07 01:18:58:13 YOU DID NEED THEM IN THE OHIO
 TERRITORY WHERE THE INCOME
 479 01:18:58:15 01:19:01:24 WENT TO FAMILIES
 IN A MORE NUCLEAR SENSE.
 480 01:19:01:26 01:19:04:17 SO THAT,
 YOU HAD RETAILING CENTERS
 481 01:19:04:19 01:19:06:04 YOU HAD PROCESSING CENTERS.
 482 01:19:06:06 01:19:09:25 YOU CLEARLY NEED
 A DIFFERENT KIND
 OF A POPULATION
 483 01:19:09:27 01:19:13:02 THAN THE MASS OF THOSE THAT
 WHO ARE IN THE COTTON SOUTH.
 484 01:19:13:04 01:19:16:08 YOU NEED PEOPLE WHO ARE EDUCATED
 AND PEOPLE IN THE WEST
 485 01:19:16:10 01:19:19:20 ARE INVESTING MUCH MORE HEAVILY
 IN SCHOOLS, IN LIBRARIES.
 486 01:19:19:22 01:19:21:22 UH, YOU HAVE
 VERY DIFFERENT CULTURES
 487 01:19:21:24 01:19:23:07 VERY DIFFERENT ECONOMIES.
 488 01:19:23:09 01:19:25:13 YEAH, THE, THE CAPITAL
 IS ALL TIED UP IN LAND

489 01:19:25:15 01:19:26:22 AND SLAVES IN THE SOUTH.
 490 01:19:26:24 01:19:28:14 IT'S NOT A BAD
 INVESTMENT, AS WE KNOW--
 491 01:19:28:16 01:19:29:28 THE RETURN ON IT WASN'T BAD--
 492 01:19:30:00 01:19:32:08 BUT THE LONG-TERM PROGNOSIS
 WASN'T VERY PROMISING.
 493 01:19:32:10 01:19:34:25 YOU'RE SAYING THAT
 IN THE NORTH IT'S A
 MORE MIXED SYSTEM.
 494 01:19:34:27 01:19:37:15 YOU GET A MUCH MORE MIXED
 ECONOMY THAN IN THE SOUTH.
 495 01:19:37:17 01:19:38:18 BUT HERE'S A QUESTION:
 496 01:19:38:20 01:19:43:04 IN THIS PERIOD
 THERE'S KIND OF A...
 497 01:19:43:06 01:19:45:28 A TRANSITION, FROM
 ABOUT 1800 TO
 ABOUT 1820
 498 01:19:46:00 01:19:49:02 SLAVERY'S JUST GETTING
 ESTABLISHED IN
 THE SOUTH,
 499 01:19:49:04 01:19:51:29 MOST OF THE SOUTHERNERS
 ARE YEOMEN FARMERS.
 500 01:19:52:01 01:19:53:07 BUT BY THE 1830s
 501 01:19:53:09 01:19:56:13 YOU START TO GET
 A SO-CALLED
 "SOLID SOUTH."
 502 01:19:56:15 01:19:57:26 I THINK THAT'S
 ABSOLUTELY RIGHT.
 503 01:19:57:28 01:19:59:27 THE ORIGINAL ARGUMENTS
 AGAINST SLAVERY
 504 01:19:59:29 01:20:01:20 COME FROM THOMAS JEFFERSON
 AND OTHER SOUTHERNERS
 505 01:20:01:22 01:20:04:10 WHO LOOKED AROUND THEM
 AND SAW THAT THIS
 IS AN EVIL SYSTEM
 506 01:20:04:12 01:20:05:24 AND WE'VE GOT TO
 GET RID OF IT.
 507 01:20:05:26 01:20:07:28 BUT BY THE TIME YOU
 GET TO THE 1830s
 508 01:20:08:00 01:20:09:14 AND COTTON HAS
 BECOME KING
 509 01:20:09:16 01:20:11:10 ALL OF A SUDDEN, IT'S
 A VERY PROFITABLE SYSTEM
 510 01:20:11:12 01:20:12:26 OR SO IT APPEARS TO THEM
 511 01:20:12:28 01:20:16:04 AND THE JEFFERSON
 ARGUMENTS LOSE THEIR WAY.
 512 01:20:16:06 01:20:18:09 AND THERE IS LAND-HUNGER
 513 01:20:18:11 01:20:22:00 HUNGER FOR MORE SLAVES, PRESSURE
 TO REOPEN THE SLAVE TRADE
 514 01:20:22:02 01:20:23:14 AND ALL OF A SUDDEN--
 515 01:20:23:16 01:20:26:00 AT THE SAME TIME, THE
 ABOLITIONIST MOVEMENT ARISES
 516 01:20:26:02 01:20:27:29 AND YOU'VE GOT
 TWO SEPARATE SECTIONS.
 517 01:20:28:01 01:20:31:05 THE SOUTH REALLY IS
 SO MUCH PART OF AMERICA IN 1800

518 01:20:31:07 01:20:33:16 AND THEN JUST
KIND OF PULLS AWAY.

519 01:20:33:18 01:20:34:17 IT JUST PULLS AWAY.

520 01:20:34:19 01:20:35:19 Maier:
BUT IT ALSO
BECOMES

521 01:20:35:21 01:20:36:23 MORE ECONOMICALLY
ISOLATED

522 01:20:36:25 01:20:38:07 IF YOU THINK ABOUT IT

523 01:20:38:09 01:20:42:13 THAT THE WEST IS TRADING
PRIMARILY WITH THE NORTHEAST.

524 01:20:42:15 01:20:44:13 THE SOUTH IS SELLING ABROAD.

525 01:20:44:15 01:20:47:25 IT IS IN SOME WAYS,
THE MOST INDEPENDENT ECONOMY

526 01:20:47:27 01:20:51:15 WITHIN THE REGIONAL ECONOMIES
OF THE UNITED STATES.

527 01:20:51:17 01:20:52:23 THE ONLY PLACE
THEY REALLY

528 01:20:52:25 01:20:54:28 HAD TIES TO, IRONICALLY,
WERE IN NEW YORK

529 01:20:55:00 01:20:57:02 AND THEY THOUGHT THOSE
WERE EXPLOITATIVE TIES

530 01:20:57:04 01:20:59:00 BECAUSE THOSE NEW YORK
TRACKERS AND MERCHANTS

531 01:20:59:02 01:21:00:15 CAME IN AND TOOK OVER

532 01:21:00:17 01:21:02:16 AND MADE SURE THAT
COTTON WENT THROUGH NEW YORK.

533 01:21:02:18 01:21:04:05 THERE WAS A KIND
OF TRIANGULAR TRADE:

534 01:21:04:07 01:21:06:04 NEW YORK TO LIVERPOOL,
BACK TO NEW YORK

535 01:21:06:06 01:21:07:25 BACK TO CHARLESTON,
PLACES LIKE THAT.

536 01:21:07:27 01:21:10:10 AND THERE'S TALK OF SECESSION
ALREADY IN THE '30s.

537 01:21:10:12 01:21:13:13 HEY, AND YOU'VE GOT
A LITTLE BIT OF IT
IN THOMAS JEFFERSON.

538 01:21:13:15 01:21:17:21 AT THE TIME OF THE ALIEN
AND SEDITION ACTS, HIS
NULLIFICATION--

539 01:21:17:23 01:21:20:27 AND IN, OF COURSE,
AT THE TIME, THE
MISSOURI CRISIS...

540 01:21:20:29 01:21:22:09 OH, OKAY.

541 01:21:22:11 01:21:24:06 Maier:
HE REALLY THINKS
THE CRISIS OVER SLAVERY

542 01:21:24:08 01:21:26:02 WILL LEAD TO A
DISMEMBERMENT
OF THE UNION.

543 01:21:26:04 01:21:30:10 BUT THE ANTICIPATION
OF SECESSION, THAT THE
UNION WOULD FALL APART

544 01:21:30:12 01:21:32:16 THOSE WEREN'T THE KINDS
OF THINGS YOU MEMORIALIZE.

545 01:21:32:18 01:21:34:12 THE IDEA THAT RESISTANCE
 AND REVOLUTION
 546 01:21:34:14 01:21:37:25 WAS A CONTINUING RESORT
 FOR PEOPLE WHO WERE DISAFFECTED
 547 01:21:37:27 01:21:39:16 WITHIN THE UNION OR FOR STATES.
 548 01:21:39:18 01:21:41:02 BUT HERE'S A QUESTION
 549 01:21:41:04 01:21:43:27 I'VE NEVER BEEN ABLE TO ANSWER
 FOR MYSELF SATISFACTORILY.
 550 01:21:43:29 01:21:46:10 A LOT OF NORTHERNERS
 WERE IN THE SOUTH.
 551 01:21:46:12 01:21:49:06 STEPHEN DUNCAN IS
 A PLANTER IN MISSISSIPPI
 552 01:21:49:08 01:21:51:11 WHO IS PROBABLY
 THE LARGEST PLANTATION OWNER
 553 01:21:51:13 01:21:54:04 THE RICHEST MAN IN MISSISSIPPI--
 HE'S FROM PENNSYLVANIA.
 554 01:21:54:06 01:21:59:15 UM, HE SUPPORTS SLAVERY,
 BUT HE ALSO SUPPORTS THE UNION
 555 01:21:59:17 01:22:03:15 AND HE LEAVES THE SOUTH AT THE
 OUTBREAK OF THE CIVIL WAR.
 556 01:22:03:17 01:22:06:04 WAS THERE ANY DIFFERENCE...
 557 01:22:06:06 01:22:08:03 MORAL DIFFERENCE
 BETWEEN THE PEOPLE
 558 01:22:08:05 01:22:11:18 WHO SETTLED IN THE OHIO VALLEY
 AND OUT TOWARD ILLINOIS
 559 01:22:11:20 01:22:13:13 AND PEOPLE WHO SETTLED
 IN MISSISSIPPI
 560 01:22:13:15 01:22:15:12 AND ALABAMA?
 561 01:22:15:14 01:22:17:02 HMM-- THAT'S AN
 INTERESTING QUESTION.
 562 01:22:17:04 01:22:18:15 SEE WHAT I MEAN?
 563 01:22:18:17 01:22:21:07 I MEAN, IS IT
 SLAVERY THAT TURNS
 THEM IN THIS WAY?
 564 01:22:21:09 01:22:23:02 WE OFTEN PRESENT
 THE CIVIL WAR
 565 01:22:23:04 01:22:25:23 AS THIS MANICHAEAN STRUGGLE
 BETWEEN GOOD AND EVIL, OBVIOUSLY
 566 01:22:25:25 01:22:28:10 THOSE WHO HELD SLAVES AND
 THOSE OPPOSED TO OWNING SLAVES
 567 01:22:28:12 01:22:31:03 WE'D LIKE TO THINK
 THERE'S A MORAL DIFFERENCE
 568 01:22:31:05 01:22:33:24 BUT RACISM WAS
 A NATIONAL INSTITUTION.
 569 01:22:33:26 01:22:36:08 THESE GUYS WERE ALL FRONTIER--
 AND THEY TAKE ADVANTAGE
 570 01:22:36:10 01:22:38:22 OF WHAT THE FRONTIER GIVES THEM.
 571 01:22:38:24 01:22:41:28 NOW, I WOULD SAY THERE
 IS A FUNDAMENTAL
 DIFFERENCE
 572 01:22:42:00 01:22:46:10 AND THAT IS, IN ILLINOIS,
 EVEN IN SOUTHERN ILLINOIS
 573 01:22:46:12 01:22:52:17 IN WISCONSIN, IN IOWA,
 GOING OUT FURTHER
 WEST OR IN...
 574 01:22:52:19 01:22:54:22 YOU CAN'T OWN ANOTHER MAN.

575 01:22:54:24 01:22:55:23 PERIOD.
 576 01:22:55:25 01:22:57:10 YOU CANNOT OWN ANOTHER MAN.
 577 01:22:57:12 01:22:59:26 NOW, YOU CAN DISCRIMINATE
 AGAINST HIM, YOU COULD USE HIM
 578 01:22:59:28 01:23:03:26 YOU CAN BE RACIST IN MANY OTHER
 WAYS-- YOU CAN'T OWN HIM.
 579 01:23:03:28 01:23:05:15 YOU CAN'T SELL HIM.
 580 01:23:05:17 01:23:07:13 AND THERE WERE
 A LOT OF PEOPLE IN THE SOUTH
 581 01:23:07:15 01:23:09:20 THAT FELT THAT WAY, TO BE SURE
 582 01:23:09:22 01:23:11:11 A LOT OF SMALL FARMERS
 IN THE SOUTH
 583 01:23:11:13 01:23:13:23 WHO DIDN'T OWN THEIR OWN
 SLAVES AND WHO THOUGHT
 584 01:23:13:25 01:23:15:06 "WE'RE ON THE WRONG TRACK HERE"
 585 01:23:15:08 01:23:18:15 OR WHO COULD NOT MAKE IT
 WORK ECONOMICALLY FOR THEM.
 586 01:23:18:17 01:23:21:15 BUT THE PEOPLE THAT CONTROLLED
 THE SOCIETY IN THE SOUTH
 587 01:23:21:17 01:23:23:27 CAME UP WITH
 THE JUSTIFICATION FOR SLAVERY
 588 01:23:23:29 01:23:26:00 AND IT'S THE BEST
 OF ALL POSSIBLE SYSTEMS
 589 01:23:26:02 01:23:28:05 AND THE BLACKS ARE
 WAY BETTER OFF UNDER SLAVERY
 590 01:23:28:07 01:23:31:00 THAN THEY WOULD BE IF THEY WERE
 UNDER WAGE-SLAVERY UP NORTH
 591 01:23:31:02 01:23:33:07 AND SO ON,
 WE ALL KNOW THE ARGUMENTS
 592 01:23:33:09 01:23:36:06 OF THE PRO-SLAVERY PEOPLE
 AND IT WAS ACCEPTED.
 593 01:23:36:08 01:23:41:24 AND IT BECAME A PART
 OF THE FIBER OF THE BEING
 594 01:23:41:26 01:23:44:23 OF A VERY LARGE NUMBER
 OF WHITE SOUTHERNERS.
 595 01:23:44:25 01:23:48:28 AND THAT WAS NOT THE CASE UP
 NORTH, AND THAT IS A DIFFERENCE.
 596 01:23:49:00 01:23:50:02 BUT WHAT CAUSES THE DIFFERENCE?
 597 01:23:50:04 01:23:51:05 WE KNOW THERE'S A DIFFERENCE.
 598 01:23:51:07 01:23:52:27 THE ECONOMIC BASIS
 OF SOCIETY.
 599 01:23:52:29 01:23:54:00 YEAH.
 600 01:23:54:02 01:23:55:28 AND, AND,
 AND THE WAY...
 601 01:23:56:00 01:23:57:12 THE WAY YOU MAKE MONEY.
 602 01:23:57:14 01:23:59:03 THAT'S RIGHT, THE WAY
 YOU MAKE MONEY
 603 01:23:59:05 01:24:01:28 AND THAT YOU CAN...
 604 01:24:02:00 01:24:04:01 BE A WHITE MAN
 IN THE SOUTH
 605 01:24:04:03 01:24:06:02 AND IT USED TO BE--
 IT'S NOT THE CASE
 ANYMORE--
 606 01:24:06:04 01:24:08:07 BUT IT USED TO BE,
 WHEN I FIRST STARTED
 GOING SOUTH

607 01:24:08:09 01:24:10:02 AND SEGREGATION WAS
STILL IN PLACE

608 01:24:10:04 01:24:12:13 IT WAS *WONDERFUL*
TO BE A WHITE MAN
IN THE SOUTH

609 01:24:12:15 01:24:13:23 IN THOSE DAYS.

610 01:24:13:25 01:24:15:29 YOU NEVER HAD TO
THINK ABOUT WHAT
YOU WERE DOING

611 01:24:16:01 01:24:19:24 TO THE OTHER HALF
OF THE POPULATION,
YOU JUST DID IT

612 01:24:19:26 01:24:21:16 AND YOU BENEFITED
FROM IT

613 01:24:21:18 01:24:25:21 AND IT... GNAWED ITS WAY
INTO YOUR SOUL.

614 01:24:25:23 01:24:27:18 THERE ISN'T ANY
WAY AROUND IT.

615 01:24:27:20 01:24:31:24 YOU, YOU CAN'T
DENY IT.

616 01:24:31:26 01:24:34:05 THAT'S WHAT I'M FINDING
WITH THESE HISTORICAL CHARACTERS

617 01:24:34:07 01:24:35:23 I'M COMING ACROSS
IN MY OWN RESEARCH

618 01:24:35:25 01:24:39:10 HOW QUICKLY NORTHERNERS
BECOME SOUTHERNERS.

619 01:24:39:12 01:24:42:19 ADOPTING THE WAYS OF THE SOUTH,
ACCEPTING SLAVERY, DEFENDING...

620 01:24:42:21 01:24:44:05 YOU READ CIVIL WAR
LETTERS...

621 01:24:44:07 01:24:46:06 THE METAMORPHOSIS IS QUICK.

622 01:24:46:08 01:24:48:02 AN AWFUL LOT OF
THE UNION TROOPS

623 01:24:48:04 01:24:49:27 IN THE MISSISSIPPI
AND VICKSBURG
CAMPAIGNS...

624 01:24:49:29 01:24:51:10 OH, YEAH.

625 01:24:51:12 01:24:56:05 AND THEY GET TO BE
THE MOST VIOLENT
ANTI-NEGRO PEOPLE.

626 01:24:56:07 01:25:01:06 AND... AND CURSING
THEM AND BRINGING
THEM INTO CAMP

627 01:25:01:08 01:25:04:14 AND USING THEM AS THEIR
OWN SLAVES, THEIR OWN
PERSONAL SLAVES.

628 01:25:04:16 01:25:07:00 LISTEN: IT'S WONDERFUL
TO BE ON TOP--

629 01:25:07:02 01:25:08:13 IT'S WONDERFUL TO
BE THE MASTER.

630 01:25:08:15 01:25:09:26 (*laughing*)

631 01:25:09:28 01:25:12:02 OR SO IT SEEMS,
YOU KNOW, IN THE END.

632 01:25:12:04 01:25:15:00 PEOPLE UP NORTH
AND EVENTUALLY

633 01:25:15:02 01:25:18:13 IN THE WHOLE COUNTRY

REALIZE, NO, NO, IT'S
NOT WONDERFUL.

634 01:25:18:15 01:25:22:19 IT, IT REALLY IS TERRIBLE
AND IT RUINS NOT ONLY THE PEOPLE

635 01:25:22:21 01:25:26:02 YOU'RE SUBJECTING TO
YOUR WHIMS AND YOUR WISHES;

636 01:25:26:04 01:25:28:09 IT RUINS YOU.

637 01:25:28:11 01:25:33:02 IT HAS ITS EFFECT THAT IN
THE END IS GOING TO DESTROY YOU.

638 01:25:33:04 01:25:35:29 BUT BOY, IT TAKES A LONG TIME
TO COME TO THAT VIEW.

639 01:25:43:05 01:25:46:20 [Captioned by
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