

WMAP Cosmological Parameters

Model: wcdm+mnu

Data: wmap9+snls3+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.445 ± 0.089	H_0	$71.1 \pm 1.3 \text{ km/s/Mpc}$
$\ell(\ell+1)C_{220}/(2\pi)$	$5749 \pm 35 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	$14157_{-101}^{+102} \text{ Mpc}$
$d_A(z_*)$	$13991 \pm 103 \text{ Mpc}$	$D_v(z=0.57)/r_s(z_d)$	13.54 ± 0.14
η	$(6.15 \pm 0.12) \times 10^{-10}$	k_{eq}	0.01006 ± 0.00025
ℓ_{eq}	140.7 ± 2.6	ℓ_*	302.34 ± 0.62
$\sum m_\nu$	$< 0.70 \text{ eV (95\% CL)}$	n_b	$(2.526 \pm 0.050) \times 10^{-7} \text{ cm}^{-3}$
n_s	0.968 ± 0.011	Ω_b	0.0445 ± 0.0018
$\Omega_b h^2$	0.02249 ± 0.00045	Ω_c	$0.2280_{-0.0094}^{+0.0095}$
$\Omega_c h^2$	0.1153 ± 0.0035	Ω_Λ	0.720 ± 0.011
Ω_m	0.280 ± 0.011	$\Omega_m h^2$	0.1414 ± 0.0029
$\Omega_\nu h^2$	$< 0.0074 \text{ (95\% CL)}$	$r_s(z_d)$	$151.9 \pm 1.1 \text{ Mpc}$
$r_s(z_d)/D_v(z=0.106)$	$0.3467_{-0.0049}^{+0.0050}$	$r_s(z_d)/D_v(z=0.2)$	0.1878 ± 0.0023
$r_s(z_d)/D_v(z=0.35)$	0.1119 ± 0.0012	$r_s(z_d)/D_v(z=0.44)$	0.09158 ± 0.00098
$r_s(z_d)/D_v(z=0.54)$	0.07716 ± 0.00081	$r_s(z_d)/D_v(z=0.57)$	0.07386 ± 0.00077
$r_s(z_d)/D_v(z=0.6)$	0.07091 ± 0.00073	$r_s(z_d)/D_v(z=0.73)$	$0.06105_{-0.00060}^{+0.00061}$
$r_s(z_*)$	$145.38_{-0.93}^{+0.94}$	R	1.755 ± 0.010
σ_8	$0.794_{-0.056}^{+0.057}$	$\sigma_8 \Omega_m^{0.5}$	0.420 ± 0.029
$\sigma_8 \Omega_m^{0.6}$	0.369 ± 0.026	α_{SNLS}	1.44 ± 0.11
β_{SNLS}	3.27 ± 0.11	A_{SZ}	$< 2.0 \text{ (95\% CL)}$
t_0	$13.86 \pm 0.11 \text{ Gyr}$	τ	0.088 ± 0.013
θ_*	0.010391 ± 0.000021	θ_*	$0.5953 \pm 0.0012^\circ$
τ_{rec}	283.0 ± 1.7	t_{reion}	$444 \pm 63 \text{ Myr}$
t_*	$374607_{-2918}^{+2938} \text{ yr}$	w	-1.171 ± 0.078
z_d	1020.5 ± 1.1	z_{eq}	3297 ± 83
z_{rec}	$1088.45_{-0.68}^{+0.67}$	z_{reion}	10.6 ± 1.1
z_*	$1091.29_{-0.67}^{+0.66}$		